

List of Section 13F Securities

Second Quarter ♦ FY 2019

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U.S. Securities and Exchange Commission

OFFICIAL LIST OF SECTION 13(f) SECURITIES USER INFORMATION SHEET

General

This list of “Section 13(f) securities” as defined by Rule 13f-1(c) [17 CFR 240.13f-1(c)] is made available to the public pursuant to Section 13(f)(3) of the Securities Exchange Act of 1934 [15 USC 78m(f)(3)]. It is made available for use in the preparation of reports filed with the Securities and Exchange Commission pursuant to Rule 13f-1 [17 CFR 240.13f-1] under Section 13(f) of the Securities Exchange Act of 1934. An updated list is published on a quarterly basis.

This list is current as of June 15, 2019, and may be relied on by institutional investment managers filing Form 13F reports for the calendar quarter ending June 30, 2019. Institutional investment managers should report holdings--number of shares and fair market value--as of the last day of the calendar quarter as required by [Section 13(f)(1) and Rule 13f-1] thereunder.

Features

- (1) Additions and Deletions: Revisions made to the list of Section 13(f) securities are indicated in a column titled “STATUS.” The word “ADDED” in the status column opposite the name of a security indicates that the security has become a Section 13(f) security. The word “DELETED” in the status column opposite the name of a security indicates that the security ceases to be a 13(f) security since the date of the last list.

- (2) List of options: An asterisk is placed next to the name of any security having a listed option and each option is individually listed with its own CUSIP number immediately below the name of the security having the option. A manager reporting holdings of options on its Form 13F should use the CUSIP number of the underlying securities to which the option relates.

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| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|------------------------------|--------------------|--------|
| B38564 10 8 * | EURONAV NV ANTWERPEN | SHS | |
| B38564 90 8 | EURONAV NV ANTWERPEN | CALL | |
| B38564 95 8 | EURONAV NV ANTWERPEN | PUT | |
| C0534L AA 3 | AURORA CANNABIS INC | DEBT 5.500% 2/2 | |
| C10268 AC 1 | BLACKBERRY LTD | DEBT 3.750%11/1 | |
| C8509Q AA 6 | SSR MNG INC | DEBT 2.500% 4/0 | |
| D18190 89 8 * | DEUTSCHE BANK AG | NAMEN AKT | |
| D18190 90 8 | DEUTSCHE BANK AG | CALL | |
| D18190 95 8 | DEUTSCHE BANK AG | PUT | |
| G0080J 10 4 | ACT II GLOBAL ACQUISITION CO | CL A SHS | ADDED |
| G0080J 11 2 | ACT II GLOBAL ACQUISITION CO | UNIT 04/30/2026 | ADDED |
| G0080J 12 0 | ACT II GLOBAL ACQUISITION CO | *W EXP 04/30/202 | ADDED |
| G0084W 10 1 * | ADIANT PLC | ORD SHS | |
| G0084W 90 1 | ADIANT PLC | CALL | |
| G0084W 95 1 | ADIANT PLC | PUT | |
| G0120M 13 3 | AGBA ACQUISITION LTD | UNIT 05/10/2024 | ADDED |
| G0129K 10 4 * | AIRCASTLE LTD | COM | |
| G0129K 90 4 | AIRCASTLE LTD | CALL | |
| G0129K 95 4 | AIRCASTLE LTD | PUT | |
| G0132V 10 5 | AGM GROUP HOLDINGS INC | SHS CL A | |
| G0176J 10 9 * | ALLEGION PUB LTD CO | ORD SHS | |
| G0176J 90 9 | ALLEGION PUB LTD CO | CALL | |
| G0176J 95 9 | ALLEGION PUB LTD CO | PUT | |
| G01767 10 5 * | ALKERMES PLC | SHS | |
| G01767 90 5 | ALKERMES PLC | CALL | |
| G01767 95 5 | ALKERMES PLC | PUT | |
| G0177J 10 8 * | ALLERGAN PLC | SHS | |
| G0177J 90 8 | ALLERGAN PLC | CALL | |
| G0177J 95 8 | ALLERGAN PLC | PUT | |
| G0250X 10 7 * | AMCOR PLC | ORD | ADDED |
| G0250X 90 7 | AMCOR PLC | CALL | ADDED |
| G0250X 95 7 | AMCOR PLC | PUT | ADDED |
| G02602 10 3 * | AMDOCS LTD | SHS | |
| G02602 90 3 | AMDOCS LTD | CALL | |

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| G02602 95 3 | AMDOCS LTD | PUT | |
| G0335L 10 2 * | AMIRA NATURE FOODS LTD | SHS | |
| G0335L 90 2 | AMIRA NATURE FOODS LTD | CALL | |
| G0335L 95 2 | AMIRA NATURE FOODS LTD | PUT | |
| G037AX 10 1 * | AMBARELLA INC | SHS | |
| G037AX 90 1 | AMBARELLA INC | CALL | |
| G037AX 95 1 | AMBARELLA INC | PUT | |
| G0408V 10 2 * | AON PLC | SHS CL A | |
| G0408V 90 2 | AON PLC | CALL | |
| G0408V 95 2 | AON PLC | PUT | |
| G04415 10 8 | ANDINA ACQUISITION CORP III | SHS | |
| G04415 11 6 | ANDINA ACQUISITION CORP III | UNIT 09/24/2020 | |
| G04415 12 4 | ANDINA ACQUISITION CORP III | *W EXP 07/31/202 | |
| G04415 13 2 | ANDINA ACQUISITION CORP III | RIGHT 07/31/2020 | |
| G0443N 10 7 | AQUAVENTURE HLDGS LTD | SHS | |
| G0450A 10 5 * | ARCH CAP GROUP LTD | ORD | |
| G0450A 90 5 | ARCH CAP GROUP LTD | CALL | |
| G0450A 95 5 | ARCH CAP GROUP LTD | PUT | |
| G04553 10 6 | ARCO PLATFORM LTD | COM CL A | |
| G0457F 10 7 * | ARCOS DORADOS HOLDINGS INC | SHS CLASS -A - | |
| G0457F 90 7 | ARCOS DORADOS HOLDINGS INC | CALL | |
| G0457F 95 7 | ARCOS DORADOS HOLDINGS INC | PUT | |
| G0464B 10 7 * | ARGO GROUP INTL HLDGS LTD | COM | |
| G0464B 90 7 | ARGO GROUP INTL HLDGS LTD | CALL | |
| G0464B 95 7 | ARGO GROUP INTL HLDGS LTD | PUT | |
| G0535E 10 6 | ASIA PACIFIC WIRE & CABLE CO | ORD | |
| G0551A 10 3 * | ARRIS INTERNATIONAL PLC | SHS | DELETED |
| G0551A 90 3 | ARRIS INTERNATIONAL PLC | CALL | DELETED |
| G0551A 95 3 | ARRIS INTERNATIONAL PLC | PUT | DELETED |
| G0585R 10 6 * | ASSURED GUARANTY LTD | COM | |
| G0585R 90 6 | ASSURED GUARANTY LTD | CALL | |
| G0585R 95 6 | ASSURED GUARANTY LTD | PUT | |
| G0602B 10 0 | ATIF HOLDINGS LIMITED | SHS | ADDED |
| G06207 11 5 * | ATLAS FINANCIAL HOLDINGS INC | SHS NEW | |

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| G06207 90 5 | ATLAS FINANCIAL HOLDINGS INC | CALL | |
| G06207 95 5 | ATLAS FINANCIAL HOLDINGS INC | PUT | |
| G06242 10 4 * | ATLASSIAN CORP PLC | CL A | |
| G06242 90 4 | ATLASSIAN CORP PLC | CALL | |
| G06242 95 4 | ATLASSIAN CORP PLC | PUT | |
| G0684D 10 7 * | ATHENE HLDG LTD | CL A | |
| G0684D 90 7 | ATHENE HLDG LTD | CALL | |
| G0684D 95 7 | ATHENE HLDG LTD | PUT | |
| G0692U 10 9 * | AXIS CAPITAL HOLDINGS LTD | SHS | |
| G0692U 90 9 | AXIS CAPITAL HOLDINGS LTD | CALL | |
| G0692U 95 9 | AXIS CAPITAL HOLDINGS LTD | PUT | |
| G07025 10 2 | AURIS MEDICAL HOLDING LTD | COM | DELETED |
| G07025 20 1 | AURIS MEDICAL HOLDING LTD | SHS | ADDED |
| G0750C 10 8 * | AXALTA COATING SYS LTD | COM | |
| G0750C 90 8 | AXALTA COATING SYS LTD | CALL | |
| G0750C 95 8 | AXALTA COATING SYS LTD | PUT | |
| G0750W 10 4 * | AXOVANT SCIENCES LTD | COM | DELETED |
| G0750W 90 4 | AXOVANT SCIENCES LTD | CALL | DELETED |
| G0750W 95 4 | AXOVANT SCIENCES LTD | PUT | DELETED |
| G0750W 20 3 * | AXOVANT GENE THERAPIES LTD | COM | ADDED |
| G0750W 90 3 | AXOVANT GENE THERAPIES LTD | CALL | ADDED |
| G0750W 95 3 | AXOVANT GENE THERAPIES LTD | PUT | ADDED |
| G0751N 10 3 * | ATLANTICA YIELD PLC | SHS | |
| G0751N 90 3 | ATLANTICA YIELD PLC | CALL | |
| G0751N 95 3 | ATLANTICA YIELD PLC | PUT | |
| G0772R 20 8 | BANK OF NT BUTTERFIELD&SON L | SHS NEW | |
| G0891M AA 4 | BAOZUN INC | DEBT 1.625% 5/0 | ADDED |
| G10830 10 0 | BEYONDSRING INC | SHS | |
| G1117K 10 6 | BIOCERES CROP SOLUTIONS CORP | *W EXP 03/14/202 | |
| G1117K 11 4 | BIOCERES CROP SOLUTIONS CORP | SHS | |
| G11196 10 5 * | BIOHAVEN PHARMACTL HLDG CO L | COM | |
| G11196 90 5 | BIOHAVEN PHARMACTL HLDG CO L | CALL | |
| G11196 95 5 | BIOHAVEN PHARMACTL HLDG CO L | PUT | |
| G1142P 10 4 | BISON CAP ACQUISITION CORP | ORD SHS | DELETED |

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| G1142P 11 2 | BISON CAP ACQUISITION CORP | *W EXP 06/20/202 | DELETED |
| G1142P 12 0 | BISON CAP ACQUISITION CORP | UNIT 99/99/9999T | DELETED |
| G1142P 13 8 | BISON CAP ACQUISITION CORP | RIGHT 03/20/2019 | DELETED |
| G1151C 10 1 * | ACCENTURE PLC IRELAND | SHS CLASS A | |
| G1151C 90 1 | ACCENTURE PLC IRELAND | CALL | |
| G1151C 95 1 | ACCENTURE PLC IRELAND | PUT | |
| G1154H 10 7 * | BELMOND LTD | CL A | DELETED |
| G1154H 90 7 | BELMOND LTD | CALL | DELETED |
| G1154H 95 7 | BELMOND LTD | PUT | DELETED |
| G1190F 10 7 | BLUE CAP REINS HLDGS LTD | COM | |
| G1288E 10 3 | BIQI INTL HLDGS CORP | SHS | ADDED |
| G1466B 10 3 | BORQS TECHNOLOGIES INC | SHS | |
| G14838 10 9 * | MIMECAST LTD | ORD SHS | |
| G14838 90 9 | MIMECAST LTD | CALL | |
| G14838 95 9 | MIMECAST LTD | PUT | |
| G16234 10 9 * | BROOKFIELD BUSINESS PARTNERS | UNIT LTD LP | |
| G16234 90 9 | BROOKFIELD BUSINESS PARTNERS | CALL | |
| G16234 95 9 | BROOKFIELD BUSINESS PARTNERS | PUT | |
| G16249 10 7 * | BROOKFIELD PROPERTY PARTRS L | UNIT LTD PARTN | |
| G16249 90 7 | BROOKFIELD PROPERTY PARTRS L | CALL | |
| G16249 95 7 | BROOKFIELD PROPERTY PARTRS L | PUT | |
| G16252 10 1 * | BROOKFIELD INFRAST PARTNERS | LP INT UNIT | |
| G16252 90 1 | BROOKFIELD INFRAST PARTNERS | CALL | |
| G16252 95 1 | BROOKFIELD INFRAST PARTNERS | PUT | |
| G16258 10 8 * | BROOKFIELD RENEWABLE PARTNER | PARTNERSHIP UNIT | |
| G16258 90 8 | BROOKFIELD RENEWABLE PARTNER | CALL | |
| G16258 95 8 | BROOKFIELD RENEWABLE PARTNER | PUT | |
| G1644T 10 9 | BRIGHTSPHERE INVESTMNT GRP P | SHS | |
| G16962 10 5 * | BUNGE LIMITED | COM | |
| G16962 90 5 | BUNGE LIMITED | CALL | |
| G16962 95 5 | BUNGE LIMITED | PUT | |
| G1757E 11 3 | CALEDONIA MNG CORP PLC | SHS NEW | |
| G17766 10 9 | CAMBIUM NETWORKS CORP | SHS | ADDED |
| G1890L 10 7 * | CAPRI HOLDINGS LIMITED | SHS | |

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| G1890L 90 7 | CAPRI HOLDINGS LIMITED | CALL | |
| G1890L 95 7 | CAPRI HOLDINGS LIMITED | PUT | |
| G18920 10 1 | CAPITOL INVT CORP IV | CL A ORD | |
| G18920 11 9 | CAPITOL INVT CORP IV | UNIT 99/99/9999 | |
| G18920 12 7 | CAPITOL INVT CORP IV | *W EXP 01/01/202 | |
| G1991C 10 5 * | CARDTRONICS PLC | SHS CL A | |
| G1991C 90 5 | CARDTRONICS PLC | CALL | |
| G1991C 95 5 | CARDTRONICS PLC | PUT | |
| G1992S 10 9 * | CISION LTD | SHS | |
| G1992S 90 9 | CISION LTD | CALL | |
| G1992S 95 9 | CISION LTD | PUT | |
| G20045 20 2 * | CENTRAL EUROPEAN MEDIA ENTRP | CL A NEW | |
| G20045 90 2 | CENTRAL EUROPEAN MEDIA ENTRP | CALL | |
| G20045 95 2 | CENTRAL EUROPEAN MEDIA ENTRP | PUT | |
| G21082 10 5 * | CHINA YUCHAI INTL LTD | COM | |
| G21082 90 5 | CHINA YUCHAI INTL LTD | CALL | |
| G21082 95 5 | CHINA YUCHAI INTL LTD | PUT | |
| G2110U 10 9 | CHINA NATURAL RESOURCES INC | COM | |
| G2113X 13 4 | CHINA CERAMICS CO LTD | SHS NEW | |
| G2118P 10 2 | CHINA CUST RELATIONS CNTR IN | COM | |
| G2120A 10 1 | CHINA INTERNET NATIONWIDE FI | SHS | |
| G21225 10 0 | CHINA ADVANCED CONSTR MATLS | SHS | |
| G21515 10 4 * | CHINA BIOLOGIC PRODS HLDGS I | COM | |
| G21515 90 4 | CHINA BIOLOGIC PRODS HLDGS I | CALL | |
| G21515 95 4 | CHINA BIOLOGIC PRODS HLDGS I | PUT | |
| G2161P 10 8 | CHINA SXT PHARMACEUTICALS IN | ORD SHS | |
| G21612 10 9 | CHINA LENDING CORP | SHS | |
| G21810 10 9 | CLARIVATE ANALYTICS PLC | COM | ADDED |
| G21810 11 7 | CLARIVATE ANALYTICS PLC | *W EXP 11/09/201 | ADDED |
| G22707 10 6 | COLLIER CREEK HOLDINGS | COM CL A | |
| G22707 11 4 | COLLIER CREEK HOLDINGS | *W EXP 99/99/999 | |
| G22707 12 2 | COLLIER CREEK HOLDINGS | UNIT 99/99/9999 | |
| G2345N 10 2 | CM SEVEN STAR ACQUISITION CO | SHS | DELETED |
| G2345N 11 0 | CM SEVEN STAR ACQUISITION CO | *W EXP 08/21/202 | DELETED |

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| G2345N 12 8 | CM SEVEN STAR ACQUISITION CO | UNIT 08/21/2022 | DELETED |
| G2345N 13 6 | CM SEVEN STAR ACQUISITION CO | RIGHT 08/21/2022 | DELETED |
| G23773 10 7 * | CONSOLIDATED WATER CO INC | ORD | |
| G23773 90 7 | CONSOLIDATED WATER CO INC | CALL | |
| G23773 95 7 | CONSOLIDATED WATER CO INC | PUT | |
| G2379F 10 8 | CONSTELLATION ALPHA CAP CORP | SHS | |
| G2379F 11 6 | CONSTELLATION ALPHA CAP CORP | *W EXP 03/23/202 | |
| G2379F 12 4 | CONSTELLATION ALPHA CAP CORP | UNIT 99/99/9999 | |
| G2379F 13 2 | CONSTELLATION ALPHA CAP CORP | RIGHT 99/99/9999 | |
| G2519Y 10 8 * | CREDICORP LTD | COM | |
| G2519Y 90 8 | CREDICORP LTD | CALL | |
| G2519Y 95 8 | CREDICORP LTD | PUT | |
| G25343 10 7 * | COSAN LTD | SHS A | |
| G25343 90 7 | COSAN LTD | CALL | |
| G25343 95 7 | COSAN LTD | PUT | |
| G25839 10 4 * | COCA COLA EUROPEAN PARTNERS | SHS | |
| G25839 90 4 | COCA COLA EUROPEAN PARTNERS | CALL | |
| G25839 95 4 | COCA COLA EUROPEAN PARTNERS | PUT | |
| G2692M 10 3 | DD3 ACQUISITION CORP | SHS | |
| G2692M 11 1 | DD3 ACQUISITION CORP | *W EXP 10/20/202 | |
| G2692M 12 9 | DD3 ACQUISITION CORP | UNIT 10/12/2023 | |
| G2709G 10 7 * | DELPHI TECHNOLOGIES PLC | SHS | |
| G2709G 90 7 | DELPHI TECHNOLOGIES PLC | CALL | |
| G2709G 95 7 | DELPHI TECHNOLOGIES PLC | PUT | |
| G2717B 10 8 * | CUSHMAN WAKEFIELD PLC | SHS | |
| G2717B 90 8 | CUSHMAN WAKEFIELD PLC | CALL | |
| G2717B 95 8 | CUSHMAN WAKEFIELD PLC | PUT | |
| G27358 10 3 * | DESPEGAR COM CORP | ORD SHS | |
| G27358 90 3 | DESPEGAR COM CORP | CALL | |
| G27358 95 3 | DESPEGAR COM CORP | PUT | |
| G2788T 10 3 | DOGNESS INTERNATIONAL CORP | COM CL A | |
| G28365 10 7 | DRAGON VICTORY INTL LTD | SHS | |
| G29183 10 3 * | EATON CORP PLC | SHS | |
| G29183 90 3 | EATON CORP PLC | CALL | |

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| G29183 95 3 | EATON CORP PLC | PUT | |
| G2956M 10 4 | 8I ENTERPRISES ACQUISITIN CO | SHS | ADDED |
| G2956M 11 2 | 8I ENTERPRISES ACQUISITIN CO | *W EXP 10/29/202 | ADDED |
| G2956M 12 0 | 8I ENTERPRISES ACQUISITIN CO | RIGHT 10/29/2020 | ADDED |
| G2956M 13 8 | 8I ENTERPRISES ACQUISITIN CO | UNIT 99/99/9999 | |
| G30401 10 6 * | ENDO INTL PLC | SHS | |
| G30401 90 6 | ENDO INTL PLC | CALL | |
| G30401 95 6 | ENDO INTL PLC | PUT | |
| G3075P 10 1 | ENSTAR GROUP LIMITED | SHS | |
| G31249 10 8 | ESTABLISHMENT LABS HLDGS INC | COM | |
| G3156P 10 3 * | ASA GOLD AND PRECIOUS MTLs L | SHS | |
| G3156P 90 3 | ASA GOLD AND PRECIOUS MTLs L | CALL | |
| G3156P 95 3 | ASA GOLD AND PRECIOUS MTLs L | PUT | |
| G3157S 10 6 * | ENSCO PLC | SHS CLASS A | DELETED |
| G3157S 90 6 | ENSCO PLC | CALL | DELETED |
| G3157S 95 6 | ENSCO PLC | PUT | DELETED |
| G31642 10 4 | CLPS INCORPORATION | COM | |
| G3165V 10 9 | ARYA SCIENCES ACQUISITION CO | SHS CL A | |
| G3165V 11 7 | ARYA SCIENCES ACQUISITION CO | UNIT 10/04/2023 | |
| G3165V 12 5 | ARYA SCIENCES ACQUISITION CO | *W EXP 10/10/202 | |
| G3166L 10 0 * | ENSCO ROWAN PLC | SHS CLASS A | ADDED |
| G3166L 90 0 | ENSCO ROWAN PLC | CALL | ADDED |
| G3166L 95 0 | ENSCO ROWAN PLC | PUT | ADDED |
| G3198U 10 2 * | ESSENT GROUP LTD | COM | |
| G3198U 90 2 | ESSENT GROUP LTD | CALL | |
| G3198U 95 2 | ESSENT GROUP LTD | PUT | |
| G32030 12 7 | EURO TECH HOLDINGS CO LTD | SHS NEW | |
| G3206V 10 0 | ESTRE AMBIENTAL INC | SHS | |
| G3206V 11 8 | ESTRE AMBIENTAL INC | *W EXP 12/21/202 | |
| G3223R 10 8 * | EVEREST RE GROUP LTD | COM | |
| G3223R 90 8 | EVEREST RE GROUP LTD | CALL | |
| G3223R 95 8 | EVEREST RE GROUP LTD | PUT | |
| G3323L 10 0 * | FABRINET | SHS | |
| G3323L 90 0 | FABRINET | CALL | |

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| G3323L 95 0 | FABRINET | PUT | |
| G33277 10 7 | FARMMI INC | SHS | |
| G33856 10 8 * | FERROGLOBE PLC | SHS | |
| G33856 90 8 | FERROGLOBE PLC | CALL | |
| G33856 95 8 | FERROGLOBE PLC | PUT | |
| G3402M 10 2 * | FGL HLDGS | ORD SHS | |
| G3402M 90 2 | FGL HLDGS | CALL | |
| G3402M 95 2 | FGL HLDGS | PUT | |
| G3402M 11 0 | FGL HLDGS | *W EXP 11/30/202 | |
| G35006 10 8 | ALBERTON ACQUISITION CORP | ORD SHS | |
| G35006 11 6 | ALBERTON ACQUISITION CORP | UNIT 04/22/2020 | |
| G35006 12 4 | ALBERTON ACQUISITION CORP | *W EXP 04/26/202 | |
| G35006 13 2 | ALBERTON ACQUISITION CORP | RIGHT 10/04/2020 | |
| G35947 20 2 | FLEX LNG LTD | SHS | ADDED |
| G36738 10 5 * | FRESH DEL MONTE PRODUCE INC | ORD | |
| G36738 90 5 | FRESH DEL MONTE PRODUCE INC | CALL | |
| G36738 95 5 | FRESH DEL MONTE PRODUCE INC | PUT | |
| G3682E 19 2 * | FRONTLINE LTD | SHS NEW | |
| G3682E 90 2 | FRONTLINE LTD | CALL | |
| G3682E 95 2 | FRONTLINE LTD | PUT | |
| G3704F 11 0 | FUWEI FILMS HLDGS CO LTD | SHS NEW | |
| G3729B 10 2 | FULING GLOBAL INC | SHS | |
| G37585 10 9 * | GASLOG LTD | SHS | |
| G37585 90 9 | GASLOG LTD | CALL | |
| G37585 95 9 | GASLOG LTD | PUT | |
| G3788M 11 4 * | EROS INTL PLC | SHS NEW | |
| G3788M 90 4 | EROS INTL PLC | CALL | |
| G3788M 95 4 | EROS INTL PLC | PUT | |
| G38327 10 5 * | GEOPARK LTD | USD SHS | |
| G38327 90 5 | GEOPARK LTD | CALL | |
| G38327 95 5 | GEOPARK LTD | PUT | |
| G3902L AA 7 | GDS HLDGS LTD | DEBT 2.000% 6/0 | DELETED |
| G39108 10 8 * | GATES INDUSTRIAL CORPRATIN P | ORD SHS | |
| G39108 90 8 | GATES INDUSTRIAL CORPRATIN P | CALL | |

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| G39108 95 8 | GATES INDUSTRIAL CORPRATIN P | PUT | |
| G3922B 10 7 * | GENPACT LIMITED | SHS | |
| G3922B 90 7 | GENPACT LIMITED | CALL | |
| G3922B 95 7 | GENPACT LIMITED | PUT | |
| G3933F 10 5 * | GLOBAL INDTY LTD CAYMAN | USD CL A SHS | |
| G3933F 90 5 | GLOBAL INDTY LTD CAYMAN | CALL | |
| G3933F 95 5 | GLOBAL INDTY LTD CAYMAN | PUT | |
| G39342 10 3 * | GLOBAL CORD BLOOD CORPORATIO | SHS | |
| G39342 90 3 | GLOBAL CORD BLOOD CORPORATIO | CALL | |
| G39342 95 3 | GLOBAL CORD BLOOD CORPORATIO | PUT | |
| G39637 20 5 * | GOLDEN OCEAN GROUP LTD | SHS NEW | |
| G39637 90 5 | GOLDEN OCEAN GROUP LTD | CALL | |
| G39637 95 5 | GOLDEN OCEAN GROUP LTD | PUT | |
| G4027R 10 4 | GOLDEN BULL LTD | SHS | |
| G4095J 10 9 * | GREENLIGHT CAPITAL RE LTD | CLASS A | |
| G4095J 90 9 | GREENLIGHT CAPITAL RE LTD | CALL | |
| G4095J 95 9 | GREENLIGHT CAPITAL RE LTD | PUT | |
| G40981 10 5 | GREENLAND ACQUISITIN CORPORA | *W EXP 03/03/202 | |
| G40981 11 3 | GREENLAND ACQUISITIN CORPORA | RIGHT 04/27/2025 | |
| G40981 12 1 | GREENLAND ACQUISITIN CORPORA | UNIT 03/03/2025 | |
| G40981 13 9 | GREENLAND ACQUISITIN CORPORA | SHS | |
| G4388N 10 6 * | HELEN OF TROY CORP LTD | COM | |
| G4388N 90 6 | HELEN OF TROY CORP LTD | CALL | |
| G4388N 95 6 | HELEN OF TROY CORP LTD | PUT | |
| G4412G 10 1 * | HERBALIFE NUTRITION LTD | COM SHS | |
| G4412G 90 1 | HERBALIFE NUTRITION LTD | CALL | |
| G4412G 95 1 | HERBALIFE NUTRITION LTD | PUT | |
| G4418R 10 1 | HEBRON TECHNOLOGY CO LTD | COM CLASS A | |
| G4474Y 21 4 * | JANUS HENDERSON GROUP PLC | ORD SHS | |
| G4474Y 90 4 | JANUS HENDERSON GROUP PLC | CALL | |
| G4474Y 95 4 | JANUS HENDERSON GROUP PLC | PUT | |
| G4481U 10 6 | HIGHWAY HLDGS LTD | ORD | |
| G4511M 10 8 * | HERMITAGE OFFSHORE SERVICE L | SHS | ADDED |
| G4511M 90 8 | HERMITAGE OFFSHORE SERVICE L | CALL | ADDED |

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|---------------|------------------------------|--------------------|---------|
| G4511M 95 8 | HERMITAGE OFFSHORE SERVICE L | PUT | ADDED |
| G45667 10 5 * | HOLLYSYS AUTOMATION TECHNOLO | SHS | |
| G45667 90 5 | HOLLYSYS AUTOMATION TECHNOLO | CALL | |
| G45667 95 5 | HOLLYSYS AUTOMATION TECHNOLO | PUT | |
| G4603R 10 6 | HL ACQUISITIONS CORP | SHS | |
| G4603R 11 4 | HL ACQUISITIONS CORP | UNIT 06/21/2023 | |
| G4603R 12 2 | HL ACQUISITIONS CORP | *W EXP 06/21/202 | |
| G4603R 13 0 | HL ACQUISITIONS CORP | RIGHT 07/17/2023 | |
| G4617B 10 5 * | HORIZON PHARMA PLC | SHS | DELETED |
| G4617B 90 5 | HORIZON PHARMA PLC | CALL | DELETED |
| G4617B 95 5 | HORIZON PHARMA PLC | PUT | DELETED |
| G46188 10 1 * | HORIZON THERAPEUTICS PUB LTD | SHS | ADDED |
| G46188 90 1 | HORIZON THERAPEUTICS PUB LTD | CALL | ADDED |
| G46188 95 1 | HORIZON THERAPEUTICS PUB LTD | PUT | ADDED |
| G46408 10 3 * | HUDSON LTD | COM CL A | |
| G46408 90 3 | HUDSON LTD | CALL | |
| G46408 95 3 | HUDSON LTD | PUT | |
| G4705A 10 0 * | ICON PLC | SHS | |
| G4705A 90 0 | ICON PLC | CALL | |
| G4705A 95 0 | ICON PLC | PUT | |
| G4740B 10 5 * | ICHOR HOLDINGS | SHS | |
| G4740B 90 5 | ICHOR HOLDINGS | CALL | |
| G4740B 95 5 | ICHOR HOLDINGS | PUT | |
| G47567 10 5 * | IHS MARKIT LTD | SHS | |
| G47567 90 5 | IHS MARKIT LTD | CALL | |
| G47567 95 5 | IHS MARKIT LTD | PUT | |
| G47791 10 1 * | INGERSOLL-RAND PLC | SHS | |
| G47791 90 1 | INGERSOLL-RAND PLC | CALL | |
| G47791 95 1 | INGERSOLL-RAND PLC | PUT | |
| G4863A 10 8 * | INTERNATIONAL GAME TECHNOLOG | SHS USD | |
| G4863A 90 8 | INTERNATIONAL GAME TECHNOLOG | CALL | |
| G4863A 95 8 | INTERNATIONAL GAME TECHNOLOG | PUT | |
| G48833 10 0 * | WEATHERFORD INTL PLC | ORD SHS | DELETED |
| G48833 90 0 | WEATHERFORD INTL PLC | CALL | DELETED |

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|-----------------|------------------------------|---------------------------|---------------|
| G48833 95 0 | WEATHERFORD INTL PLC | PUT | DELETED |
| G4887W 10 2 | WEALTHBRIDGE ACQUISITION LTD | UNIT 99/99/9999 | |
| G4887W 11 0 | WEALTHBRIDGE ACQUISITION LTD | SHS | |
| G4887W 12 8 | WEALTHBRIDGE ACQUISITION LTD | *W EXP 01/31/202 | |
| G4887W 13 6 | WEALTHBRIDGE ACQUISITION LTD | RIGHT 11/02/2023 | |
| G491BT 10 8 * | INVESCO LTD | SHS | |
| G491BT 90 8 | INVESCO LTD | CALL | |
| G491BT 95 8 | INVESCO LTD | PUT | |
| G4939K AA 4 | IQIYI INC | DEBT 3.750%12/0 | |
| G4939K AB 2 | IQIYI INC | DEBT 2.000% 4/0 | |
| G5005R 10 7 * | JAMES RIV GROUP LTD | COM | |
| G5005R 90 7 | JAMES RIV GROUP LTD | CALL | |
| G5005R 95 7 | JAMES RIV GROUP LTD | PUT | |
| G50871 10 5 * | JAZZ PHARMACEUTICALS PLC | SHS USD | |
| G50871 90 5 | JAZZ PHARMACEUTICALS PLC | CALL | |
| G50871 95 5 | JAZZ PHARMACEUTICALS PLC | PUT | |
| G51502 10 5 * | JOHNSON CTLS INTL PLC | SHS | |
| G51502 90 5 | JOHNSON CTLS INTL PLC | CALL | |
| G51502 95 5 | JOHNSON CTLS INTL PLC | PUT | |
| G5223X 10 0 | KAIXIN AUTO HLDGS | SHS | ADDED |
| G5269C 10 1 | KINIKSA PHARMACEUTICALS LTD | COM CL A | |
| G54050 10 2 * | LAZARD LTD | SHS A | |
| G54050 90 2 | LAZARD LTD | CALL | |
| G54050 95 2 | LAZARD LTD | PUT | |
| G5463L 10 5 | LEO HOLDINGS CORP | COM CL A | |
| G5463L 11 3 | LEO HOLDINGS CORP | *W EXP 02/07/202 | |
| G5463L 12 1 | LEO HOLDINGS CORP | UNIT 99/99/9999 | |
| G5478K 10 0 | LIANLUO SMART LTD | SHS | |
| G5480U 10 4 * | LIBERTY GLOBAL PLC | SHS CL A | |
| G5480U 90 4 | LIBERTY GLOBAL PLC | CALL | |
| G5480U 95 4 | LIBERTY GLOBAL PLC | PUT | |
| G5480U 11 2 | LIBERTY GLOBAL PLC | SHS CL B | |
| G5480U 12 0 * | LIBERTY GLOBAL PLC | SHS CL C | |
| G5480U 90 0 | LIBERTY GLOBAL PLC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| G5480U 95 0 | LIBERTY GLOBAL PLC | PUT | |
| G5494J 10 3 * | LINDE PLC | SHS | |
| G5494J 90 3 | LINDE PLC | CALL | |
| G5494J 95 3 | LINDE PLC | PUT | |
| G5509L 10 1 * | LIVANOVA PLC | SHS | |
| G5509L 90 1 | LIVANOVA PLC | CALL | |
| G5509L 95 1 | LIVANOVA PLC | PUT | |
| G56372 10 8 | LONGEVITY ACQUISITION CORP | UNIT 08/29/2024 | |
| G56372 11 6 | LONGEVITY ACQUISITION CORP | *W EXP 07/31/202 | |
| G56372 12 4 | LONGEVITY ACQUISITION CORP | RIGHT 07/31/2020 | |
| G56372 13 2 | LONGEVITY ACQUISITION CORP | ORD SHS | |
| G5698W 11 6 | LUXFER HOLDINGS PLC | SHS | |
| G56981 10 6 | LUOKUNG TECHNOLOGY CORP | SHS | |
| G57279 10 4 * | LUXOFT HLDG INC | ORD SHS CL A | DELETED |
| G57279 90 4 | LUXOFT HLDG INC | CALL | DELETED |
| G57279 95 4 | LUXOFT HLDG INC | PUT | DELETED |
| G5753U 11 2 * | MAIDEN HOLDINGS LTD | SHS | |
| G5753U 90 2 | MAIDEN HOLDINGS LTD | CALL | |
| G5753U 95 2 | MAIDEN HOLDINGS LTD | PUT | |
| G5784H 10 6 * | MANCHESTER UTD PLC NEW | ORD CL A | |
| G5784H 90 6 | MANCHESTER UTD PLC NEW | CALL | |
| G5784H 95 6 | MANCHESTER UTD PLC NEW | PUT | |
| G5785G 10 7 * | MALLINCKRODT PUB LTD CO | SHS | |
| G5785G 90 7 | MALLINCKRODT PUB LTD CO | CALL | |
| G5785G 95 7 | MALLINCKRODT PUB LTD CO | PUT | |
| G5876H 10 5 * | MARVELL TECHNOLOGY GROUP LTD | ORD | |
| G5876H 90 5 | MARVELL TECHNOLOGY GROUP LTD | CALL | |
| G5876H 95 5 | MARVELL TECHNOLOGY GROUP LTD | PUT | |
| G59290 10 9 | MDJM LTD | SHS | |
| G5960L 10 3 * | MEDTRONIC PLC | SHS | |
| G5960L 90 3 | MEDTRONIC PLC | CALL | |
| G5960L 95 3 | MEDTRONIC PLC | PUT | |
| G59665 10 2 | MEIRAGTX HOLDINGS PLC | COM | |
| G6S41R 10 1 | OSMOTICA PHARMACEUTICALS PLC | SHS | |

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|---------------|------------------------------|--------------------|---------|
| G60630 10 3 * | MFC BANCORP LTD | USD MFC SHS | DELETED |
| G60630 90 3 | MFC BANCORP LTD | CALL | DELETED |
| G60630 95 3 | MFC BANCORP LTD | PUT | DELETED |
| G6095L 10 9 * | APTIV PLC | SHS | |
| G6095L 90 9 | APTIV PLC | CALL | |
| G6095L 95 9 | APTIV PLC | PUT | |
| G6096M 10 6 | APTORUM GROUP LIMITED | CL A ORD SHS | |
| G6181K 10 6 | MMTEC INC | SHS | |
| G6200P AA 0 | MOMO INC | DEBT 1.250% 7/0 | DELETED |
| G6331P 10 4 * | ALPHA & OMEGA SEMICONDUCTOR | SHS | |
| G6331P 90 4 | ALPHA & OMEGA SEMICONDUCTOR | CALL | |
| G6331P 95 4 | ALPHA & OMEGA SEMICONDUCTOR | PUT | |
| G6333L 10 1 | ITERUM THERAPEUTICS PLC | SHS | |
| G6359F 10 3 * | NABORS INDUSTRIES LTD | SHS | |
| G6359F 90 3 | NABORS INDUSTRIES LTD | CALL | |
| G6359F 95 3 | NABORS INDUSTRIES LTD | PUT | |
| G6359F 12 9 | NABORS INDUSTRIES LTD | 6% PFD CNV SR A | |
| G63637 10 5 * | NABRIVA THERAPEUTICS PLC | SHS | |
| G63637 90 5 | NABRIVA THERAPEUTICS PLC | CALL | |
| G63637 95 5 | NABRIVA THERAPEUTICS PLC | PUT | |
| G637AM 10 2 | MYOVANT SCIENCES LTD | COM | |
| G6375R 10 7 | NATIONAL ENERGY SERVICES REU | SHS | |
| G6375R 11 5 | NATIONAL ENERGY SERVICES REU | *W EXP 05/05/202 | |
| G63907 10 2 * | NAM TAI PPTY INC | SHS | |
| G63907 90 2 | NAM TAI PPTY INC | CALL | |
| G63907 95 2 | NAM TAI PPTY INC | PUT | |
| G64335 10 5 | NEWATER TECHNOLOGY INC | SHS | |
| G6455X 10 7 | NETSHOES CAYMAN LTD | COM | DELETED |
| G6485P 10 8 | NEW FRONTIER CORP | COM CL A | |
| G6485P 11 6 | NEW FRONTIER CORP | UNIT 99/99/9999 | |
| G6485P 12 4 | NEW FRONTIER CORP | *W EXP 99/99/999 | |
| G6518L 10 8 * | NIELSEN HLDGS PLC | SHS EUR | |
| G6518L 90 8 | NIELSEN HLDGS PLC | CALL | |
| G6518L 95 8 | NIELSEN HLDGS PLC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| G6525F AA 0 | NIO INC | DEBT 4.500% 2/0 | |
| G65431 10 1 * | NOBLE CORP PLC | SHS USD | |
| G65431 90 1 | NOBLE CORP PLC | CALL | |
| G65431 95 1 | NOBLE CORP PLC | PUT | |
| G6564A 10 5 * | NOMAD FOODS LTD | USD ORD SHS | |
| G6564A 90 5 | NOMAD FOODS LTD | CALL | |
| G6564A 95 5 | NOMAD FOODS LTD | PUT | |
| G65772 20 7 * | NORDIC AMERN OFFSHORE LTD | SHS | DELETED |
| G65772 90 7 | NORDIC AMERN OFFSHORE LTD | CALL | DELETED |
| G65772 95 7 | NORDIC AMERN OFFSHORE LTD | PUT | DELETED |
| G65773 10 6 * | NORDIC AMERICAN TANKERS LIM | COM | |
| G65773 90 6 | NORDIC AMERICAN TANKERS LIM | CALL | |
| G65773 95 6 | NORDIC AMERICAN TANKERS LIM | PUT | |
| G66721 10 4 * | NORWEGIAN CRUISE LINE HLDG L | SHS | |
| G66721 90 4 | NORWEGIAN CRUISE LINE HLDG L | CALL | |
| G66721 95 4 | NORWEGIAN CRUISE LINE HLDG L | PUT | |
| G6674U 10 8 * | NOVOCURE LTD | ORD SHS | |
| G6674U 90 8 | NOVOCURE LTD | CALL | |
| G6674U 95 8 | NOVOCURE LTD | PUT | |
| G6700G 10 7 * | NVENT ELECTRIC PLC | SHS | |
| G6700G 90 7 | NVENT ELECTRIC PLC | CALL | |
| G6700G 95 7 | NVENT ELECTRIC PLC | PUT | |
| G6772P 10 0 | ONE MADISON CORP | COM CL A | DELETED |
| G6772P 11 8 | ONE MADISON CORP | UNIT 99/99/9999 | DELETED |
| G6772P 12 6 | ONE MADISON CORP | *W EXP 99/99/999 | DELETED |
| G67828 20 5 * | ORIGIN AGRITECH LIMITED | SHS NEW | |
| G67828 90 5 | ORIGIN AGRITECH LIMITED | CALL | |
| G67828 95 5 | ORIGIN AGRITECH LIMITED | PUT | |
| G6855A 10 3 | OXFORD IMMUNOTEC GLOBAL PLC | ORD SHS | |
| G6856M 10 6 | OXBRIDGE RE HLDGS LTD | SHS | |
| G6856M 11 4 | OXBRIDGE RE HLDGS LTD | *W EXP 03/26/202 | |
| G68707 10 1 * | PAGSEGURO DIGITAL LTD | COM CL A | |
| G68707 90 1 | PAGSEGURO DIGITAL LTD | CALL | |
| G68707 95 1 | PAGSEGURO DIGITAL LTD | PUT | |

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|---------------|-------------------------------|--------------------|---------|
| G6891L 10 5 | PANGAEA LOGISTICS SOLUTION L | SHS | |
| G7S00T 10 4 * | PENTAIR PLC | SHS | |
| G7S00T 90 4 | PENTAIR PLC | CALL | |
| G7S00T 95 4 | PENTAIR PLC | PUT | |
| G7T16G 10 3 * | SAPIENS INTL CORP N V | SHS | |
| G7T16G 90 3 | SAPIENS INTL CORP N V | CALL | |
| G7T16G 95 3 | SAPIENS INTL CORP N V | PUT | |
| G7T96K 10 7 * | SCULLY ROYALTY LTD | COM SHS | ADDED |
| G7T96K 90 7 | SCULLY ROYALTY LTD | CALL | ADDED |
| G7T96K 95 7 | SCULLY ROYALTY LTD | PUT | ADDED |
| G7114V 10 2 | PINGTAN MARINE ENTERPRISE LT | SHS | |
| G72007 10 0 | POWERBRIDGE TECHNOLOGIES CO L | ORD SHS | ADDED |
| G7234P 10 0 | PRESBIA PLC | SHS | DELETED |
| G72800 10 8 * | PROTHENA CORP PLC | SHS | |
| G72800 90 8 | PROTHENA CORP PLC | CALL | |
| G72800 95 8 | PROTHENA CORP PLC | PUT | |
| G7306H 10 1 | PUHUI WEALTH INVT MGMT CO LT | SHS | |
| G7314V AA 8 | QUDIAN INC | DEBT 1.000% 7/0 | ADDED |
| G73268 10 7 * | QUOTIENT LTD | SHS | |
| G73268 90 7 | QUOTIENT LTD | CALL | |
| G73268 95 7 | QUOTIENT LTD | PUT | |
| G7415M 10 8 | RECON TECHNOLOGY LTD | SHS | |
| G7457R 12 2 | REEBONZ HLDG LTD | SHS | |
| G74760 10 2 | REGALWOOD GLOBAL ENERGY LTD | COM CL A | |
| G74760 11 0 | REGALWOOD GLOBAL ENERGY LTD | UNIT 99/99/9999 | |
| G74760 12 8 | REGALWOOD GLOBAL ENERGY LTD | *W EXP 12/05/202 | |
| G7496G 10 3 * | RENAISSANCERE HOLDINGS LTD | COM | |
| G7496G 90 3 | RENAISSANCERE HOLDINGS LTD | CALL | |
| G7496G 95 3 | RENAISSANCERE HOLDINGS LTD | PUT | |
| G7500A 10 0 | RENMIN TIANLI GROUP INC | SHS | DELETED |
| G75130 10 7 | REPLAY ACQUISITION CORP | COM | ADDED |
| G75130 11 5 | REPLAY ACQUISITION CORP | *W EXP 03/01/202 | ADDED |
| G75130 12 3 | REPLAY ACQUISITION CORP | UNIT 03/01/2024 | ADDED |
| G75271 10 9 | RETO ECO SOLUTIONS INC | COM | |

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|---------------|------------------------------|--------------------|---------|
| G7665A 10 1 * | ROWAN COMPANIES PLC | SHS CL A | DELETED |
| G7665A 90 1 | ROWAN COMPANIES PLC | CALL | DELETED |
| G7665A 95 1 | ROWAN COMPANIES PLC | PUT | DELETED |
| G7945M 10 7 * | SEAGATE TECHNOLOGY PLC | SHS | |
| G7945M 90 7 | SEAGATE TECHNOLOGY PLC | CALL | |
| G7945M 95 7 | SEAGATE TECHNOLOGY PLC | PUT | |
| G7948T AA 7 | SEA LTD | DEBT 2.250% 7/0 | DELETED |
| G7998G 10 6 * | SEADRILL LTD | COM | |
| G7998G 90 6 | SEADRILL LTD | CALL | |
| G7998G 95 6 | SEADRILL LTD | PUT | |
| G8060N 10 2 * | SENSATA TECHNOLOGIES HLDNG P | SHS | |
| G8060N 90 2 | SENSATA TECHNOLOGIES HLDNG P | CALL | |
| G8060N 95 2 | SENSATA TECHNOLOGIES HLDNG P | PUT | |
| G80751 12 9 | SGOCO GROUP LTD | SHS NEW | |
| G81075 AF 3 | SHIP FINANCE INTERNATIONAL L | NOTE 5.750%10/1 | |
| G81075 10 6 * | SHIP FINANCE INTERNATIONAL L | SHS | |
| G81075 90 6 | SHIP FINANCE INTERNATIONAL L | CALL | |
| G81075 95 6 | SHIP FINANCE INTERNATIONAL L | PUT | |
| G81276 10 0 * | SIGNET JEWELERS LIMITED | SHS | |
| G81276 90 0 | SIGNET JEWELERS LIMITED | CALL | |
| G81276 95 0 | SIGNET JEWELERS LIMITED | PUT | |
| G81477 10 4 * | SINA CORP | ORD | |
| G81477 90 4 | SINA CORP | CALL | |
| G81477 95 4 | SINA CORP | PUT | |
| G8196D 10 1 | SIRIUS INTERNATIONAL INSURAN | COM | |
| G8232Y 10 1 * | SMART GLOBAL HLDGS INC | SHS | |
| G8232Y 90 1 | SMART GLOBAL HLDGS INC | CALL | |
| G8232Y 95 1 | SMART GLOBAL HLDGS INC | PUT | |
| G8250R 10 3 | SOCIAL CAP HEDOSOPHIA HLDGS | CL A | |
| G8250R 11 1 | SOCIAL CAP HEDOSOPHIA HLDGS | UNIT 99/99/9999 | |
| G8250R 12 9 | SOCIAL CAP HEDOSOPHIA HLDGS | *W EXP 09/14/202 | |
| G8406F 10 2 | SSLJ COM LIMITED | SHS CL A | DELETED |
| G8406F 11 0 | SSLJ COM LIMITED | SHS CL A | ADDED |
| G8473T 10 0 * | STERIS PLC | SHS USD | |

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| G8473T 90 0 | STERIS PLC | CALL | |
| G8473T 95 0 | STERIS PLC | PUT | |
| G85158 10 6 * | STONECO LTD | COM CL A | |
| G85158 90 6 | STONECO LTD | CALL | |
| G85158 95 6 | STONECO LTD | PUT | |
| G85347 10 5 * | STRONGBRIDGE BIOPHARMA PLC | SHS USD | |
| G85347 90 5 | STRONGBRIDGE BIOPHARMA PLC | CALL | |
| G85347 95 5 | STRONGBRIDGE BIOPHARMA PLC | PUT | |
| G8651P 11 0 | SPI ENERGY CO LTD | SHS NEW | |
| G8675V 10 1 * | TAOPING INC | COM | |
| G8675V 90 1 | TAOPING INC | CALL | |
| G8675V 95 1 | TAOPING INC | PUT | |
| G8675X 10 7 | TANTECH HLDGS LTD | COM | |
| G8708A 10 8 | TENZING ACQUISITION CORP | *W EXP 02/23/202 | |
| G8708A 11 6 | TENZING ACQUISITION CORP | ORD SHS | |
| G8708A 12 4 | TENZING ACQUISITION CORP | UNIT 08/24/2024 | |
| G87084 10 2 | TDH HLDGS INC | SHS | |
| G87110 10 5 * | TECHNIPFMC PLC | COM | |
| G87110 90 5 | TECHNIPFMC PLC | CALL | |
| G87110 95 5 | TECHNIPFMC PLC | PUT | |
| G87264 10 0 | TECNOGLASS INC | SHS | |
| G8766E 10 9 * | TEXTAINER GROUP HOLDINGS LTD | SHS | |
| G8766E 90 9 | TEXTAINER GROUP HOLDINGS LTD | CALL | |
| G8766E 95 9 | TEXTAINER GROUP HOLDINGS LTD | PUT | |
| G8789K 12 4 | ABILITY INC | SHS | |
| G8807B 10 6 * | THERAVANCE BIOPHARMA INC | COM | |
| G8807B 90 6 | THERAVANCE BIOPHARMA INC | CALL | |
| G8807B 95 6 | THERAVANCE BIOPHARMA INC | PUT | |
| G8827U 10 0 * | THIRD PT REINS LTD | COM | |
| G8827U 90 0 | THIRD PT REINS LTD | CALL | |
| G8827U 95 0 | THIRD PT REINS LTD | PUT | |
| G8857R 10 0 | THUNDER BRIDGE ACQUISITION L | SHS CLASS A | |
| G8857R 11 8 | THUNDER BRIDGE ACQUISITION L | UNIT 01/01/2025 | |
| G8857R 12 6 | THUNDER BRIDGE ACQUISITION L | *W EXP 01/01/202 | |

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|---------------|------------------------------|--------------------|---------|
| G88950 10 3 | TKK SYMPHONY ACQUISITION COR | ORD SHS | |
| G88950 11 1 | TKK SYMPHONY ACQUISITION COR | UNIT 08/15/2023 | |
| G88950 12 9 | TKK SYMPHONY ACQUISITION COR | *W EXP 02/20/202 | |
| G88950 13 7 | TKK SYMPHONY ACQUISITION COR | RIGHT 02/20/2020 | |
| G89479 10 2 | TORM PLC | SHS CL A | |
| G8959N 10 6 | TOTTENHAM ACQUISITION I LTD | SHS | |
| G8959N 11 4 | TOTTENHAM ACQUISITION I LTD | *W EXP 05/06/202 | |
| G8959N 12 2 | TOTTENHAM ACQUISITION I LTD | RIGHT 06/05/2020 | |
| G8959N 13 0 | TOTTENHAM ACQUISITION I LTD | UNIT 05/06/2025 | |
| G89827 10 2 | TPG PACE HLDGS CORP | UNIT 99/99/9999 | |
| G89827 11 0 | TPG PACE HLDGS CORP | *W EXP 06/27/202 | |
| G89827 12 8 | TPG PACE HLDGS CORP | CL A | |
| G89982 11 3 * | TRANSATLANTIC PETROLEUM LTD | SHS NEW | |
| G89982 90 3 | TRANSATLANTIC PETROLEUM LTD | CALL | |
| G89982 95 3 | TRANSATLANTIC PETROLEUM LTD | PUT | |
| G9001E 10 2 * | LIBERTY LATIN AMERICA LTD | COM CL A | |
| G9001E 90 2 | LIBERTY LATIN AMERICA LTD | CALL | |
| G9001E 95 2 | LIBERTY LATIN AMERICA LTD | PUT | |
| G9001E 12 8 * | LIBERTY LATIN AMERICA LTD | COM CL C | |
| G9001E 90 8 | LIBERTY LATIN AMERICA LTD | CALL | |
| G9001E 95 8 | LIBERTY LATIN AMERICA LTD | PUT | |
| G90073 AC 4 | TRANSOCEAN INC | DEBT 0.500% 1/3 | |
| G9019D 10 4 * | TRAVELPORT WORLDWIDE LTD | SHS | DELETED |
| G9019D 90 4 | TRAVELPORT WORLDWIDE LTD | CALL | DELETED |
| G9019D 95 4 | TRAVELPORT WORLDWIDE LTD | PUT | DELETED |
| G9078F 10 7 * | TRITON INTL LTD | CL A | |
| G9078F 90 7 | TRITON INTL LTD | CALL | |
| G9078F 95 7 | TRITON INTL LTD | PUT | |
| G9087Q 10 2 * | TRONOX HOLDINGS PLC | SHS | |
| G9087Q 90 2 | TRONOX HOLDINGS PLC | CALL | |
| G9087Q 95 2 | TRONOX HOLDINGS PLC | PUT | |
| G9108L 10 8 * | TSAKOS ENERGY NAVIGATION LTD | SHS | |
| G9108L 90 8 | TSAKOS ENERGY NAVIGATION LTD | CALL | |
| G9108L 95 8 | TSAKOS ENERGY NAVIGATION LTD | PUT | |

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| G9145A 10 7 | TWELVE SEAS INVESTMENT COMPA | SHS | |
| G9145A 11 5 | TWELVE SEAS INVESTMENT COMPA | *W EXP 12/22/202 | |
| G9145A 12 3 | TWELVE SEAS INVESTMENT COMPA | UNIT 06/21/2023 | |
| G9145A 13 1 | TWELVE SEAS INVESTMENT COMPA | RIGHT 12/22/2019 | |
| G9310A 11 4 * | UTSTARCOM HOLDINGS CORP | SHS NEW | |
| G9310A 90 4 | UTSTARCOM HOLDINGS CORP | CALL | |
| G9310A 95 4 | UTSTARCOM HOLDINGS CORP | PUT | |
| G9329Z 10 0 * | VENATOR MATLS PLC | SHS | |
| G9329Z 90 0 | VENATOR MATLS PLC | CALL | |
| G9329Z 95 0 | VENATOR MATLS PLC | PUT | |
| G9376R 10 0 | VIVOPOWER INTERNATIONAL PLC | SHS | |
| G9381B 10 8 | UROVANT SCIENCES LTD | SHS | |
| G9396G 10 0 | URBAN TEA INC | ORD SHS | |
| G94184 10 1 | WAH FU EDUCATION GROUP LIMIT | SHS | ADDED |
| G9456A 10 0 * | GOLAR LNG LTD BERMUDA | SHS | |
| G9456A 90 0 | GOLAR LNG LTD BERMUDA | CALL | |
| G9456A 95 0 | GOLAR LNG LTD BERMUDA | PUT | |
| G94787 10 1 | WATFORD HOLDINGS LTD | SHS | |
| G9515T AA 6 | WEIBO CORP | DEBT 1.250%11/1 | DELETED |
| G9618E 10 7 | WHITE MTNS INS GROUP LTD | COM | |
| G96629 10 3 * | WILLIS TOWERS WATSON PUB LTD | SHS | |
| G96629 90 3 | WILLIS TOWERS WATSON PUB LTD | CALL | |
| G96629 95 3 | WILLIS TOWERS WATSON PUB LTD | PUT | |
| G97223 10 4 | WINS FIN HLDGS INC | ORD SHS | |
| G97822 10 3 * | PERRIGO CO PLC | SHS | |
| G97822 90 3 | PERRIGO CO PLC | CALL | |
| G97822 95 3 | PERRIGO CO PLC | PUT | |
| G98338 10 9 | YATRA ONLINE INC | ORD SHS | |
| G9887Y AB 3 | YY INC | DEBT 0.750% 6/1 | ADDED |
| G9887Y AC 1 | YY INC | DEBT 1.375% 6/1 | ADDED |
| G9892K 10 0 | ZK INTL GROUP CO LTD | SHS | |
| H00263 10 5 | AC IMMUNE SA | SHS | |
| H01301 12 8 * | ALCON INC | ORD SHS | ADDED |
| H01301 90 8 | ALCON INC | CALL | ADDED |

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| H01301 95 8 | ALCON INC | PUT | ADDED |
| H1467J 10 4 * | CHUBB LIMITED | COM | |
| H1467J 90 4 | CHUBB LIMITED | CALL | |
| H1467J 95 4 | CHUBB LIMITED | PUT | |
| H17182 10 8 * | CRISPR THERAPEUTICS AG | NAMEN AKT | |
| H17182 90 8 | CRISPR THERAPEUTICS AG | CALL | |
| H17182 95 8 | CRISPR THERAPEUTICS AG | PUT | |
| H2906T 10 9 * | GARMIN LTD | SHS | |
| H2906T 90 9 | GARMIN LTD | CALL | |
| H2906T 95 9 | GARMIN LTD | PUT | |
| H42097 10 7 * | UBS GROUP AG | SHS | |
| H42097 90 7 | UBS GROUP AG | CALL | |
| H42097 95 7 | UBS GROUP AG | PUT | |
| H50430 23 2 * | LOGITECH INTL S A | SHS | |
| H50430 90 2 | LOGITECH INTL S A | CALL | |
| H50430 95 2 | LOGITECH INTL S A | PUT | |
| H5861P 10 3 | OBSEVA SA | COM | |
| H84989 10 4 * | TE CONNECTIVITY LTD | REG SHS | |
| H84989 90 4 | TE CONNECTIVITY LTD | CALL | |
| H84989 95 4 | TE CONNECTIVITY LTD | PUT | |
| H8817H 10 0 * | TRANSOCEAN LTD | REG SHS | |
| H8817H 90 0 | TRANSOCEAN LTD | CALL | |
| H8817H 95 0 | TRANSOCEAN LTD | PUT | |
| L00849 10 6 * | ADECOAGRO S A | COM | |
| L00849 90 6 | ADECOAGRO S A | CALL | |
| L00849 95 6 | ADECOAGRO S A | PUT | |
| L0175J 10 4 * | ALTISOURCE PORTFOLIO SOLNS S | REG SHS | |
| L0175J 90 4 | ALTISOURCE PORTFOLIO SOLNS S | CALL | |
| L0175J 95 4 | ALTISOURCE PORTFOLIO SOLNS S | PUT | |
| L0223L 10 1 * | ARDAGH GROUP S A | CL A | |
| L0223L 90 1 | ARDAGH GROUP S A | CALL | |
| L0223L 95 1 | ARDAGH GROUP S A | PUT | |
| L0427L 10 5 | ATENTO S A | SHS | |
| L1995B 10 7 | CORPORACION AMER ARPTS S A | COM | |

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| L44385 10 9 * | LOBANT S A | COM | |
| L44385 90 9 | LOBANT S A | CALL | |
| L44385 95 9 | LOBANT S A | PUT | |
| L4441G AA 8 | GOL EQUITY FIN | DEBT 3.750% 7/1 | |
| L5140P 10 1 * | INTELSAT S A | COM | |
| L5140P 90 1 | INTELSAT S A | CALL | |
| L5140P 95 1 | INTELSAT S A | PUT | |
| L6388F 11 0 | MILLICOM INTL CELLULAR SA | COM STK | |
| L67359 10 6 | NEXA RES S A | COM | |
| L7257P 20 5 | PACIFIC DRILLING SA LUXEMBOU | COM | |
| L72967 10 9 * | ORION ENGINEERED CARBONS S A | COM | |
| L72967 90 9 | ORION ENGINEERED CARBONS S A | CALL | |
| L72967 95 9 | ORION ENGINEERED CARBONS S A | PUT | |
| L8681T 10 2 * | SPOTIFY TECHNOLOGY S A | SHS | |
| L8681T 90 2 | SPOTIFY TECHNOLOGY S A | CALL | |
| L8681T 95 2 | SPOTIFY TECHNOLOGY S A | PUT | |
| L9340P 10 1 * | TRINSEO S A | SHS | |
| L9340P 90 1 | TRINSEO S A | CALL | |
| L9340P 95 1 | TRINSEO S A | PUT | |
| M0854Q 10 5 * | ALLOT LTD | SHS | |
| M0854Q 90 5 | ALLOT LTD | CALL | |
| M0854Q 95 5 | ALLOT LTD | PUT | |
| M1492T 10 5 * | ARCTURUS THERAPEUTICS LTD | SHS | DELETED |
| M1492T 90 5 | ARCTURUS THERAPEUTICS LTD | CALL | DELETED |
| M1492T 95 5 | ARCTURUS THERAPEUTICS LTD | PUT | DELETED |
| M15332 12 1 * | ATTUNITY LTD | SHS NEW | DELETED |
| M15332 90 1 | ATTUNITY LTD | CALL | DELETED |
| M15332 95 1 | ATTUNITY LTD | PUT | DELETED |
| M15342 10 4 * | AUDIOCODES LTD | ORD | |
| M15342 90 4 | AUDIOCODES LTD | CALL | |
| M15342 95 4 | AUDIOCODES LTD | PUT | |
| M15629 10 4 | B COMMUNICATIONS LTD | SHS | |
| M20115 18 0 | BOS BETTER ONLINE SOLUTIONS | SHS NEW NIS 80 | |
| M20598 10 4 * | CAESARSTONE LTD | ORD SHS | |

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| M20598 90 4 | CAESARSTONE LTD | CALL | |
| M20598 95 4 | CAESARSTONE LTD | PUT | |
| M20791 10 5 * | CAMTEK LTD | ORD | |
| M20791 90 5 | CAMTEK LTD | CALL | |
| M20791 95 5 | CAMTEK LTD | PUT | |
| M2196U 10 9 * | CELLCOM ISRAEL LTD | SHS | |
| M2196U 90 9 | CELLCOM ISRAEL LTD | CALL | |
| M2196U 95 9 | CELLCOM ISRAEL LTD | PUT | |
| M22013 10 2 * | CERAGON NETWORKS LTD | ORD | |
| M22013 90 2 | CERAGON NETWORKS LTD | CALL | |
| M22013 95 2 | CERAGON NETWORKS LTD | PUT | |
| M22465 10 4 * | CHECK POINT SOFTWARE TECH LT | ORD | |
| M22465 90 4 | CHECK POINT SOFTWARE TECH LT | CALL | |
| M22465 95 4 | CHECK POINT SOFTWARE TECH LT | PUT | |
| M2361E 12 0 | CHECK CAP LTD | *W EXP 02/28/202 | |
| M2361E 16 1 | CHECK CAP LTD | *W EXP 05/03/202 | |
| M2361E 20 3 | CHECK CAP LTD | SHS | |
| M25722 10 5 * | COMPUGEN LTD | ORD | |
| M25722 90 5 | COMPUGEN LTD | CALL | |
| M25722 95 5 | COMPUGEN LTD | PUT | |
| M2682V 10 8 * | CYBERARK SOFTWARE LTD | SHS | |
| M2682V 90 8 | CYBERARK SOFTWARE LTD | CALL | |
| M2682V 95 8 | CYBERARK SOFTWARE LTD | PUT | |
| M26895 10 8 * | CYREN LTD | SHS | |
| M26895 90 8 | CYREN LTD | CALL | |
| M26895 95 8 | CYREN LTD | PUT | |
| M3760D 10 1 * | ELBIT SYS LTD | ORD | |
| M3760D 90 1 | ELBIT SYS LTD | CALL | |
| M3760D 95 1 | ELBIT SYS LTD | PUT | |
| M39927 12 0 | ELLOMAY CAPITAL LIMITED | SHS | |
| M4R82T 10 6 | FIVERR INTL LTD | ORD SHS | ADDED |
| M40184 20 8 | ELTEK LTD | SHS | |
| M40527 10 9 | ENTERA BIO LTD | SHS | |
| M40527 11 7 | ENTERA BIO LTD | *W EXP 06/27/202 | |

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| M4119S 10 4 | EVOGENE LTD | SHS | |
| M4130Y 10 6 | ENLIVEX THERAPEUTICS LTD | COM | |
| M46135 10 5 * | FOAMIX PHARMACEUTICALS LTD | SHS | |
| M46135 90 5 | FOAMIX PHARMACEUTICALS LTD | CALL | |
| M46135 95 5 | FOAMIX PHARMACEUTICALS LTD | PUT | |
| M47238 10 6 * | GALMED PHARMACEUTICALS LTD | SHS | |
| M47238 90 6 | GALMED PHARMACEUTICALS LTD | CALL | |
| M47238 95 6 | GALMED PHARMACEUTICALS LTD | PUT | |
| M47364 10 0 | GAMIDA CELL LTD | SHS | |
| M51363 11 3 * | MELLANOX TECHNOLOGIES LTD | SHS | |
| M51363 90 3 | MELLANOX TECHNOLOGIES LTD | CALL | |
| M51363 95 3 | MELLANOX TECHNOLOGIES LTD | PUT | |
| M51474 11 8 * | GILAT SATELLITE NETWORKS LTD | SHS NEW | |
| M51474 90 8 | GILAT SATELLITE NETWORKS LTD | CALL | |
| M51474 95 8 | GILAT SATELLITE NETWORKS LTD | PUT | |
| M52523 10 3 | G WILLI FOOD INTL LTD | ORD | |
| M53644 10 6 * | INTEC PHARMA LTD JERUSALEM | SHS | |
| M53644 90 6 | INTEC PHARMA LTD JERUSALEM | CALL | |
| M53644 95 6 | INTEC PHARMA LTD JERUSALEM | PUT | |
| M56595 10 7 | INTERNET GOLD-GOLDEN LINES L | ORD | |
| M5920A 10 9 * | ISRAEL CHEMICALS LTD | SHS | |
| M5920A 90 9 | ISRAEL CHEMICALS LTD | CALL | |
| M5920A 95 9 | ISRAEL CHEMICALS LTD | PUT | |
| M6158M 10 4 | ITURAN LOCATION AND CONTROL | SHS | |
| M6240T 10 9 | KAMADA LTD | SHS | |
| M6372Q 11 3 * | KORNIT DIGITAL LTD | SHS | |
| M6372Q 90 3 | KORNIT DIGITAL LTD | CALL | |
| M6372Q 95 3 | KORNIT DIGITAL LTD | PUT | |
| M6786D 10 4 * | MAGAL SECURITY SYS LTD | ORD | |
| M6786D 90 4 | MAGAL SECURITY SYS LTD | CALL | |
| M6786D 95 4 | MAGAL SECURITY SYS LTD | PUT | |
| M68830 10 4 * | MEDIWOUND LTD | ORD SHS | |
| M68830 90 4 | MEDIWOUND LTD | CALL | |
| M68830 95 4 | MEDIWOUND LTD | PUT | |

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| M69676 20 9 | MER TELEMANAGEMENT SOLUTIONS | SHS | |
| M70240 10 2 | MIND C T I LTD | ORD | |
| M7516K 10 3 * | NOVA MEASURING INSTRUMENTS L | COM | |
| M7516K 90 3 | NOVA MEASURING INSTRUMENTS L | CALL | |
| M7516K 95 3 | NOVA MEASURING INSTRUMENTS L | PUT | |
| M7524R 11 6 | OPTIBASE LTD | SHS NEW NISO.13 | |
| M78673 11 4 * | PERION NETWORK LTD | SHS NEW | |
| M78673 90 4 | PERION NETWORK LTD | CALL | |
| M78673 95 4 | PERION NETWORK LTD | PUT | |
| M7946T 10 4 | POINTER TELOCATION LTD | SHS | |
| M81863 12 4 * | RADA ELECTR INDS LTD | COM PAR NEW | |
| M81863 90 4 | RADA ELECTR INDS LTD | CALL | |
| M81863 95 4 | RADA ELECTR INDS LTD | PUT | |
| M81865 11 1 | RADCOM LTD | SHS NEW | |
| M81873 10 7 * | RADWARE LTD | ORD | |
| M81873 90 7 | RADWARE LTD | CALL | |
| M81873 95 7 | RADWARE LTD | PUT | |
| M8216Q 10 1 | REWALK ROBOTICS LTD | SHS | DELETED |
| M8216Q 20 0 | REWALK ROBOTICS LTD | SHS | ADDED |
| M84116 10 8 * | SILICOM LTD | ORD | |
| M84116 90 8 | SILICOM LTD | CALL | |
| M84116 95 8 | SILICOM LTD | PUT | |
| M85548 10 1 * | STRATASYS LTD | SHS | |
| M85548 90 1 | STRATASYS LTD | CALL | |
| M85548 95 1 | STRATASYS LTD | PUT | |
| M8694L 10 3 | SOL GEL TECHNOLOGIES | SHS | |
| M87095 11 9 | SUPERCOM LTD NEW | SHS NEW | |
| M8737E 10 8 * | TARO PHARMACEUTICAL INDS LTD | SHS | |
| M8737E 90 8 | TARO PHARMACEUTICAL INDS LTD | CALL | |
| M8737E 95 8 | TARO PHARMACEUTICAL INDS LTD | PUT | |
| M8740S 22 7 | TAT TECHNOLOGIES LTD | ORD NEW | |
| M87896 10 2 | TOP IMAGE SYSTEMS LTD | ORD | DELETED |
| M8791A 10 9 * | ON TRACK INNOVATION LTD | SHS | |
| M8791A 90 9 | ON TRACK INNOVATION LTD | CALL | |

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| M8791A 95 9 | ON TRACK INNOVATION LTD | PUT | |
| M87915 27 4 * | TOWER SEMICONDUCTOR LTD | SHS NEW | |
| M87915 90 4 | TOWER SEMICONDUCTOR LTD | CALL | |
| M87915 95 4 | TOWER SEMICONDUCTOR LTD | PUT | |
| M8893U 10 2 * | TUFIN SOFTWARE TECHNOLOGIS L | SHS | ADDED |
| M8893U 90 2 | TUFIN SOFTWARE TECHNOLOGIS L | CALL | ADDED |
| M8893U 95 2 | TUFIN SOFTWARE TECHNOLOGIS L | PUT | ADDED |
| M96088 10 5 * | UROGEN PHARMA LTD | COM | |
| M96088 90 5 | UROGEN PHARMA LTD | CALL | |
| M96088 95 5 | UROGEN PHARMA LTD | PUT | |
| M96883 10 9 * | VASCULAR BIOGENICS LTD | COM | |
| M96883 90 9 | VASCULAR BIOGENICS LTD | CALL | |
| M96883 95 9 | VASCULAR BIOGENICS LTD | PUT | |
| M98068 10 5 * | WIX COM LTD | SHS | |
| M98068 90 5 | WIX COM LTD | CALL | |
| M98068 95 5 | WIX COM LTD | PUT | |
| N00985 10 6 * | AERCAP HOLDINGS NV | SHS | |
| N00985 90 6 | AERCAP HOLDINGS NV | CALL | |
| N00985 95 6 | AERCAP HOLDINGS NV | PUT | |
| N01045 10 8 * | AFFIMED N V | COM | |
| N01045 90 8 | AFFIMED N V | CALL | |
| N01045 95 8 | AFFIMED N V | PUT | |
| N07059 21 0 * | ASML HOLDING N V | N Y REGISTRY SHS | |
| N07059 90 0 | ASML HOLDING N V | CALL | |
| N07059 95 0 | ASML HOLDING N V | PUT | |
| N14506 10 4 * | ELASTIC N V | ORD SHS | |
| N14506 90 4 | ELASTIC N V | CALL | |
| N14506 95 4 | ELASTIC N V | PUT | |
| N20146 10 1 * | CIMPRESS N V | SHS EURO | |
| N20146 90 1 | CIMPRESS N V | CALL | |
| N20146 95 1 | CIMPRESS N V | PUT | |
| N20944 10 9 * | CNH INDL N V | SHS | |
| N20944 90 9 | CNH INDL N V | CALL | |
| N20944 95 9 | CNH INDL N V | PUT | |

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| N22035 10 4 * | CONSTELLIUM NV | CL A | |
| N22035 90 4 | CONSTELLIUM NV | CALL | |
| N22035 95 4 | CONSTELLIUM NV | PUT | |
| N22717 10 7 * | CORE LABORATORIES N V | COM | |
| N22717 90 7 | CORE LABORATORIES N V | CALL | |
| N22717 95 7 | CORE LABORATORIES N V | PUT | |
| N3167Y 10 3 * | FERRARI N V | COM | |
| N3167Y 90 3 | FERRARI N V | CALL | |
| N3167Y 95 3 | FERRARI N V | PUT | |
| N31738 10 2 * | FIAT CHRYSLER AUTOMOBILES N | SHS | |
| N31738 90 2 | FIAT CHRYSLER AUTOMOBILES N | CALL | |
| N31738 95 2 | FIAT CHRYSLER AUTOMOBILES N | PUT | |
| N33462 10 7 * | FRANKS INTL N V | COM | |
| N33462 90 7 | FRANKS INTL N V | CALL | |
| N33462 95 7 | FRANKS INTL N V | PUT | |
| N44821 10 1 | INFLARX NV | COM | |
| N47279 10 9 * | INTERXION HOLDING N.V | SHS | |
| N47279 90 9 | INTERXION HOLDING N.V | CALL | |
| N47279 95 9 | INTERXION HOLDING N.V | PUT | |
| N53745 10 0 * | LYONDELLBASELL INDUSTRIES N | SHS - A - | |
| N53745 90 0 | LYONDELLBASELL INDUSTRIES N | CALL | |
| N53745 95 0 | LYONDELLBASELL INDUSTRIES N | PUT | |
| N5749R 10 0 | MERUS N V | COM | |
| N59465 10 9 * | MYLAN N V | SHS EURO | |
| N59465 90 9 | MYLAN N V | CALL | |
| N59465 95 9 | MYLAN N V | PUT | |
| N6596X 10 9 * | NXP SEMICONDUCTORS N V | COM | |
| N6596X 90 9 | NXP SEMICONDUCTORS N V | CALL | |
| N6596X 95 9 | NXP SEMICONDUCTORS N V | PUT | |
| N70544 10 6 | PLAYA HOTELS & RESORTS NV | SHS | |
| N71542 10 9 * | PROQR THRAPEUTICS N V | SHS EURO | |
| N71542 90 9 | PROQR THRAPEUTICS N V | CALL | |
| N71542 95 9 | PROQR THRAPEUTICS N V | PUT | |
| N72482 AB 3 | QIAGEN NV | DEBT 0.875% 3/1 | |

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| N72482 AT 4 | QIAGEN NV | DEBT 1.000%11/1 | |
| N72482 12 3 * | QIAGEN NV | SHS NEW | |
| N72482 90 3 | QIAGEN NV | CALL | |
| N72482 95 3 | QIAGEN NV | PUT | |
| N90064 10 1 * | UNIQUIRE NV | SHS | |
| N90064 90 1 | UNIQUIRE NV | CALL | |
| N90064 95 1 | UNIQUIRE NV | PUT | |
| N96617 11 8 * | WRIGHT MED GROUP N V | ORD SHS | |
| N96617 90 8 | WRIGHT MED GROUP N V | CALL | |
| N96617 95 8 | WRIGHT MED GROUP N V | PUT | |
| N97284 10 8 * | YANDEX N V | SHS CLASS A | |
| N97284 90 8 | YANDEX N V | CALL | |
| N97284 95 8 | YANDEX N V | PUT | |
| P31076 10 5 * | COPA HOLDINGS SA | CL A | |
| P31076 90 5 | COPA HOLDINGS SA | CALL | |
| P31076 95 5 | COPA HOLDINGS SA | PUT | |
| P73398 10 2 * | NYMOX PHARMACEUTICAL CORP | COM | |
| P73398 90 2 | NYMOX PHARMACEUTICAL CORP | CALL | |
| P73398 95 2 | NYMOX PHARMACEUTICAL CORP | PUT | |
| P73684 11 3 | ONESPAWORLD HOLDINGS LIMITED | COM | |
| P8696W 10 4 * | SINOVAC BIOTECH LTD | SHS | |
| P8696W 90 4 | SINOVAC BIOTECH LTD | CALL | |
| P8696W 95 4 | SINOVAC BIOTECH LTD | PUT | |
| Q4867H 22 3 | IMMURON LTD | *W EXP 05/12/202 | |
| Q49376 10 8 | INTEGRATED MEDIA TECHNOLOGY L | SHS | |
| Q6519T 10 9 | NAKED BRAND GROUP LIMITED | ORD SHS | |
| U16344 AB 6 | CHENIERE ENERGY INC | DEBT 4.875% 5/2 | |
| U2481A AK 4 | DENBURY RES INC DEL | DEBT 6.375%12/3 | ADDED |
| U8961E AA 4 | TILRAY INC | DEBT 5.000%10/0 | |
| V0393H 10 3 | AZURE PWR GLOBAL LTD | SHS | |
| V5633W 10 9 * | MAKEMYTRIP LIMITED MAURITIUS | SHS | |
| V5633W 90 9 | MAKEMYTRIP LIMITED MAURITIUS | CALL | |
| V5633W 95 9 | MAKEMYTRIP LIMITED MAURITIUS | PUT | |
| V7780T 10 3 * | ROYAL CARIBBEAN CRUISES LTD | COM | |

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|-----------------|------------------------------|---------------------------|---------------|
| V7780T 90 3 | ROYAL CARIBBEAN CRUISES LTD | CALL | |
| V7780T 95 3 | ROYAL CARIBBEAN CRUISES LTD | PUT | |
| Y0207T 10 0 * | ARDMORE SHIPPING CORP | COM | |
| Y0207T 90 0 | ARDMORE SHIPPING CORP | CALL | |
| Y0207T 95 0 | ARDMORE SHIPPING CORP | PUT | |
| Y11082 20 6 * | CAPITAL PRODUCT PARTNERS L P | PARTNERSHP UNITS | |
| Y11082 90 6 | CAPITAL PRODUCT PARTNERS L P | CALL | |
| Y11082 95 6 | CAPITAL PRODUCT PARTNERS L P | PUT | |
| Y1146L 10 9 | CASTOR MARITIME INC | SHS | |
| Y1771G 10 2 * | COSTAMARE INC | SHS | |
| Y1771G 90 2 | COSTAMARE INC | CALL | |
| Y1771G 95 2 | COSTAMARE INC | PUT | |
| Y1968P 10 5 | DANAOS CORPORATION | SHS | DELETED |
| Y1968P 12 1 | DANAOS CORPORATION | SHS | ADDED |
| Y2065G 12 1 * | DHT HOLDINGS INC | SHS NEW | |
| Y2065G 90 1 | DHT HOLDINGS INC | CALL | |
| Y2065G 95 1 | DHT HOLDINGS INC | PUT | |
| Y2066G 10 4 * | DIANA SHIPPING INC | COM | |
| Y2066G 90 4 | DIANA SHIPPING INC | CALL | |
| Y2066G 95 4 | DIANA SHIPPING INC | PUT | |
| Y20676 10 5 | DIAMOND S SHIPPING INC | COM | |
| Y2106R 11 0 * | DORIAN LPG LTD | SHS USD | |
| Y2106R 90 0 | DORIAN LPG LTD | CALL | |
| Y2106R 95 0 | DORIAN LPG LTD | PUT | |
| Y2109Q 70 5 * | DRYSHIPS INC | COM PAR NEW | |
| Y2109Q 90 5 | DRYSHIPS INC | CALL | |
| Y2109Q 95 5 | DRYSHIPS INC | PUT | |
| Y2187A 14 3 * | EAGLE BULK SHIPPING INC | SHS NEW | |
| Y2187A 90 3 | EAGLE BULK SHIPPING INC | CALL | |
| Y2187A 95 3 | EAGLE BULK SHIPPING INC | PUT | |
| Y2188B 10 8 * | DYNAGAS LNG PARTNERS LP | COM UNIT LTD PT | |
| Y2188B 90 8 | DYNAGAS LNG PARTNERS LP | CALL | |
| Y2188B 95 8 | DYNAGAS LNG PARTNERS LP | PUT | |
| Y23508 10 7 | EURODRY LTD | COM | |

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|---------------|------------------------------|--------------------|---------|
| Y23592 30 9 * | EUROSEAS LTD | SHS NEW | |
| Y23592 90 9 | EUROSEAS LTD | CALL | |
| Y23592 95 9 | EUROSEAS LTD | PUT | |
| Y2573F 10 2 * | FLEX LTD | ORD | |
| Y2573F 90 2 | FLEX LTD | CALL | |
| Y2573F 95 2 | FLEX LTD | PUT | |
| Y2685T 13 1 | GENCO SHIPPING & TRADING LTD | SHS | |
| Y2687W 10 8 * | GASLOG PARTNERS LP | UNIT LTD PTNRP | |
| Y2687W 90 8 | GASLOG PARTNERS LP | CALL | |
| Y2687W 95 8 | GASLOG PARTNERS LP | PUT | |
| Y2711Y 11 2 * | GIGAMEDIA LTD | SHS NEW | |
| Y2711Y 90 2 | GIGAMEDIA LTD | CALL | |
| Y2711Y 95 2 | GIGAMEDIA LTD | PUT | |
| Y27183 60 0 * | GLOBAL SHIP LEASE INC NEW | COM CL A | |
| Y27183 90 0 | GLOBAL SHIP LEASE INC NEW | CALL | |
| Y27183 95 0 | GLOBAL SHIP LEASE INC NEW | PUT | |
| Y27265 40 7 | GLOBUS MARITIME LIMITED NEW | COM | |
| Y2745C 10 2 * | GOLAR LNG PARTNERS LP | COM UNIT LPI | |
| Y2745C 90 2 | GOLAR LNG PARTNERS LP | CALL | |
| Y2745C 95 2 | GOLAR LNG PARTNERS LP | PUT | |
| Y28895 10 3 | GRINDROD SHIPPING HOLDINGS L | SHS | |
| Y3262R 10 0 * | HOEGH LNG PARTNERS LP | COM UNIT LTD | |
| Y3262R 90 0 | HOEGH LNG PARTNERS LP | CALL | |
| Y3262R 95 0 | HOEGH LNG PARTNERS LP | PUT | |
| Y37828 10 3 | HUNTER MARITIME ACQUISITION | UNIT 99/99/9999 | DELETED |
| Y37828 11 1 | HUNTER MARITIME ACQUISITION | CL A | DELETED |
| Y37828 12 9 | HUNTER MARITIME ACQUISITION | *W EXP 11/17/202 | DELETED |
| Y41053 10 2 | INTERNATIONAL SEAWAYS INC | COM | |
| Y46002 20 3 | KBS FASHION GROUP LTD | COM NEW | |
| Y46717 10 7 | KENON HLDGS LTD | SHS | |
| Y48125 10 1 * | KNOT OFFSHORE PARTNERS LP | COM UNITS | |
| Y48125 90 1 | KNOT OFFSHORE PARTNERS LP | CALL | |
| Y48125 95 1 | KNOT OFFSHORE PARTNERS LP | PUT | |
| Y62132 10 8 * | NAVIGATOR HOLDINGS LTD | SHS | |

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| Y62132 90 8 | NAVIGATOR HOLDINGS LTD | CALL | |
| Y62132 95 8 | NAVIGATOR HOLDINGS LTD | PUT | |
| Y62151 10 8 | NAVIOS MARITIME CONTAINERS L | COM UNIT RP LP | |
| Y62159 14 3 * | NAVIOS MARITIME ACQUIS CORP | SHS | |
| Y62159 90 3 | NAVIOS MARITIME ACQUIS CORP | CALL | |
| Y62159 95 3 | NAVIOS MARITIME ACQUIS CORP | PUT | |
| Y62197 11 9 * | NAVIOS MARITIME HLDGS INC | COM | |
| Y62197 90 9 | NAVIOS MARITIME HLDGS INC | CALL | |
| Y62197 95 9 | NAVIOS MARITIME HLDGS INC | PUT | |
| Y62267 10 2 * | NAVIOS MARITIME PARTNERS L P | UNIT LPI | DELETED |
| Y62267 90 2 | NAVIOS MARITIME PARTNERS L P | CALL | DELETED |
| Y62267 95 2 | NAVIOS MARITIME PARTNERS L P | PUT | DELETED |
| Y62267 40 9 * | NAVIOS MARITIME PARTNERS L P | COM UNIT LPI | ADDED |
| Y62267 90 9 | NAVIOS MARITIME PARTNERS L P | CALL | ADDED |
| Y62267 95 9 | NAVIOS MARITIME PARTNERS L P | PUT | ADDED |
| Y67305 10 5 | PERFORMANCE SHIPPING INC | COM | |
| Y71726 10 6 | PYXIS TANKERS INC | COM | |
| Y73760 14 5 | SEANERGY MARITIME HLDGS CORP | *W EXP 11/10/202 | |
| Y73760 15 2 | SEANERGY MARITIME HLDGS CORP | *W EXP 05/13/202 | ADDED |
| Y73760 30 1 | SEANERGY MARITIME HLDGS CORP | SHS | |
| Y7388L 10 3 * | SAFE BULKERS INC | COM | |
| Y7388L 90 3 | SAFE BULKERS INC | CALL | |
| Y7388L 95 3 | SAFE BULKERS INC | PUT | |
| Y7542C 13 0 * | SCORPIO TANKERS INC | SHS | |
| Y7542C 90 0 | SCORPIO TANKERS INC | CALL | |
| Y7542C 95 0 | SCORPIO TANKERS INC | PUT | |
| Y7545W 10 9 * | SEADRILL PARTNERS LLC | COMUNIT REP LB | |
| Y7545W 90 9 | SEADRILL PARTNERS LLC | CALL | |
| Y7545W 95 9 | SEADRILL PARTNERS LLC | PUT | |
| Y7546A 12 2 * | SCORPIO BULKERS INC | COM | |
| Y7546A 90 2 | SCORPIO BULKERS INC | CALL | |
| Y7546A 95 2 | SCORPIO BULKERS INC | PUT | |
| Y75638 10 9 * | SEASPAN CORP | SHS | |
| Y75638 90 9 | SEASPAN CORP | CALL | |

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| Y75638 95 9 | SEASPAN CORP | PUT | |
| Y8162K 20 4 * | STAR BULK CARRIERS CORP | SHS PAR | |
| Y8162K 90 4 | STAR BULK CARRIERS CORP | CALL | |
| Y8162K 95 4 | STAR BULK CARRIERS CORP | PUT | |
| Y81669 10 6 * | STEALTHGAS INC | SHS | |
| Y81669 90 6 | STEALTHGAS INC | CALL | |
| Y81669 95 6 | STEALTHGAS INC | PUT | |
| Y8564M 10 5 * | TEEKAY LNG PARTNERS L P | PRTNRSP UNITS | |
| Y8564M 90 5 | TEEKAY LNG PARTNERS L P | CALL | |
| Y8564M 95 5 | TEEKAY LNG PARTNERS L P | PUT | |
| Y8564W 10 3 * | TEEKAY CORPORATION | COM | |
| Y8564W 90 3 | TEEKAY CORPORATION | CALL | |
| Y8564W 95 3 | TEEKAY CORPORATION | PUT | |
| Y8565J 10 1 * | TEEKAY OFFSHORE PARTNERS L P | PARTNERSHIP UN | |
| Y8565J 90 1 | TEEKAY OFFSHORE PARTNERS L P | CALL | |
| Y8565J 95 1 | TEEKAY OFFSHORE PARTNERS L P | PUT | |
| Y8565N 10 2 * | TEEKAY TANKERS LTD | CL A | |
| Y8565N 90 2 | TEEKAY TANKERS LTD | CALL | |
| Y8565N 95 2 | TEEKAY TANKERS LTD | PUT | |
| Y8897Y 80 0 | TOP SHIPS INC | COM | |
| Y95308 10 5 * | WAVE LIFE SCIENCES LTD | SHS | |
| Y95308 90 5 | WAVE LIFE SCIENCES LTD | CALL | |
| Y95308 95 5 | WAVE LIFE SCIENCES LTD | PUT | |
| 000307 10 8 * | AAC HLDGS INC | COM | |
| 000307 90 8 | AAC HLDGS INC | CALL | |
| 000307 95 8 | AAC HLDGS INC | PUT | |
| 000360 20 6 * | AAON INC | COM PAR \$0.004 | |
| 000360 90 6 | AAON INC | CALL | |
| 000360 95 6 | AAON INC | PUT | |
| 000361 10 5 * | AAR CORP | COM | |
| 000361 90 5 | AAR CORP | CALL | |
| 000361 95 5 | AAR CORP | PUT | |
| 000375 20 4 * | ABB LTD | SPONSORED ADR | |
| 000375 90 4 | ABB LTD | CALL | |

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|-----------------|----------------------|---------------------------|---------------|
| 000375 95 4 | ABB LTD | PUT | |
| 00081T 10 8 * | ACCO BRANDS CORP | COM | |
| 00081T 90 8 | ACCO BRANDS CORP | CALL | |
| 00081T 95 8 | ACCO BRANDS CORP | PUT | |
| 000868 10 9 | ACNB CORP | COM | |
| 000899 10 4 * | ADMA BIOLOGICS INC | COM | |
| 000899 90 4 | ADMA BIOLOGICS INC | CALL | |
| 000899 95 4 | ADMA BIOLOGICS INC | PUT | |
| 00090Q 10 3 * | ADT INC | COM | |
| 00090Q 90 3 | ADT INC | CALL | |
| 00090Q 95 3 | ADT INC | PUT | |
| 000957 10 0 * | ABM INDS INC | COM | |
| 000957 90 0 | ABM INDS INC | CALL | |
| 000957 95 0 | ABM INDS INC | PUT | |
| 001055 10 2 * | AFLAC INC | COM | |
| 001055 90 2 | AFLAC INC | CALL | |
| 001055 95 2 | AFLAC INC | PUT | |
| 00108J 10 9 | ACM RESEARCH INC | COM CL A | |
| 001084 10 2 * | AGCO CORP | COM | |
| 001084 90 2 | AGCO CORP | CALL | |
| 001084 95 2 | AGCO CORP | PUT | |
| 001228 10 5 * | AG MTG INVT TR INC | COM | |
| 001228 90 5 | AG MTG INVT TR INC | CALL | |
| 001228 95 5 | AG MTG INVT TR INC | PUT | |
| 00123Q 10 4 * | AGNC INVT CORP | COM | |
| 00123Q 90 4 | AGNC INVT CORP | CALL | |
| 00123Q 95 4 | AGNC INVT CORP | PUT | |
| 001282 10 2 * | A H BELO CORP | COM CL A | |
| 001282 90 2 | A H BELO CORP | CALL | |
| 001282 95 2 | A H BELO CORP | PUT | |
| 00130H 10 5 * | AES CORP | COM | |
| 00130H 90 5 | AES CORP | CALL | |
| 00130H 95 5 | AES CORP | PUT | |
| 001448 10 9 | AIT THERAPEUTICS INC | COM | ADDED |

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|-----------------|--------------------------|---------------------------|---------------|
| 001546 AP 5 | AK STL CORP | NOTE 5.000%11/1 | |
| 001547 10 8 * | AK STL HLDG CORP | COM | |
| 001547 90 8 | AK STL HLDG CORP | CALL | |
| 001547 95 8 | AK STL HLDG CORP | PUT | |
| 00162Q 10 6 | ALPS ETF TR | C&S GLOBL ETF | |
| 00162Q 20 5 | ALPS ETF TR | EQUAL SEC ETF | |
| 00162Q 46 0 | ALPS ETF TR | CLEAN ENERGY | |
| 00162Q 47 8 | ALPS ETF TR | DISRUPTIVE TECH | |
| 00162Q 51 0 | ALPS ETF TR | RIVERFRNT FLEX | |
| 00162Q 52 8 | ALPS ETF TR | RIVERFRNT DYMC | |
| 00162Q 53 6 | ALPS ETF TR | RIVERFRONT DYM | |
| 00162Q 54 4 | ALPS ETF TR | RIVERFRONT UNC | |
| 00162Q 58 5 | ALPS ETF TR | SPROTT JR GLD | |
| 00162Q 59 3 * | ALPS ETF TR | MED BREAKTHGH | |
| 00162Q 90 3 | ALPS ETF TR | CALL | |
| 00162Q 95 3 | ALPS ETF TR | PUT | |
| 00162Q 64 3 | ALPS ETF TR | SPROTT GL MINE | |
| 00162Q 65 0 | ALPS ETF TR | WRKPLC EQL PRT | DELETED |
| 00162Q 66 8 | ALPS ETF TR | EM SECT DIV DG | |
| 00162Q 67 6 | ALPS ETF TR | ALERIAN ENERGY | |
| 00162Q 71 8 | ALPS ETF TR | INTL SEC DV DOG | |
| 00162Q 72 6 * | ALPS ETF TR | BARRONS 400 ETF | |
| 00162Q 90 6 | ALPS ETF TR | CALL | |
| 00162Q 95 6 | ALPS ETF TR | PUT | |
| 00162Q 78 3 | ALPS ETF TR | RIVRFRNT STR INC | |
| 00162Q 85 8 * | ALPS ETF TR | SECTR DIV DOGS | |
| 00162Q 90 8 | ALPS ETF TR | CALL | |
| 00162Q 95 8 | ALPS ETF TR | PUT | |
| 00162Q 86 6 * | ALPS ETF TR | ALERIAN MLP | |
| 00162Q 90 6 | ALPS ETF TR | CALL | |
| 00162Q 95 6 | ALPS ETF TR | PUT | |
| 001627 10 8 | ALJ REGIONAL HLDGS INC | COM | |
| 00163U AD 8 | AMAG PHARMACEUTICALS INC | NOTE 3.250% 6/0 | |
| 00163U 10 6 * | AMAG PHARMACEUTICALS INC | COM | |

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|---------------|-----------------------------|--------------------|---------|
| 00163U 90 6 | AMAG PHARMACEUTICALS INC | CALL | |
| 00163U 95 6 | AMAG PHARMACEUTICALS INC | PUT | |
| 00164V 10 3 * | AMC NETWORKS INC | CL A | |
| 00164V 90 3 | AMC NETWORKS INC | CALL | |
| 00164V 95 3 | AMC NETWORKS INC | PUT | |
| 00165C 10 4 * | AMC ENTMT HLDGS INC | CL A COM | |
| 00165C 90 4 | AMC ENTMT HLDGS INC | CALL | |
| 00165C 95 4 | AMC ENTMT HLDGS INC | PUT | |
| 00165R 10 1 | AMCI ACQUISITION CORP | CLASS A | |
| 00165R 11 9 | AMCI ACQUISITION CORP | *W EXP 05/20/202 | |
| 00165R 20 0 | AMCI ACQUISITION CORP | UNIT 01/07/2019 | |
| 001744 10 1 * | AMN HEALTHCARE SERVICES INC | COM | |
| 001744 90 1 | AMN HEALTHCARE SERVICES INC | CALL | |
| 001744 95 1 | AMN HEALTHCARE SERVICES INC | PUT | |
| 00181T 10 7 | A MARK PRECIOUS METALS INC | COM | |
| 00182C AA 1 | ANI PHARMACEUTICALS INC | NOTE 3.000%12/0 | |
| 00182C 10 3 * | ANI PHARMACEUTICALS INC | COM | |
| 00182C 90 3 | ANI PHARMACEUTICALS INC | CALL | |
| 00182C 95 3 | ANI PHARMACEUTICALS INC | PUT | |
| 00183L 10 2 * | ANGI HOMESERVICES INC | COM CL A | |
| 00183L 90 2 | ANGI HOMESERVICES INC | CALL | |
| 00183L 95 2 | ANGI HOMESERVICES INC | PUT | |
| 00191G 10 3 * | ARC DOCUMENT SOLUTIONS INC | COM | |
| 00191G 90 3 | ARC DOCUMENT SOLUTIONS INC | CALL | |
| 00191G 95 3 | ARC DOCUMENT SOLUTIONS INC | PUT | |
| 00191U 10 2 * | ASGN INC | COM | |
| 00191U 90 2 | ASGN INC | CALL | |
| 00191U 95 2 | ASGN INC | PUT | |
| 00206R 10 2 * | AT&T INC | COM | |
| 00206R 90 2 | AT&T INC | CALL | |
| 00206R 95 2 | AT&T INC | PUT | |
| 00211V 10 6 | ATA INC | SPONS ADR | |
| 00211Y 40 7 | ARCA BIOPHARMA INC | COM PAR | DELETED |
| 00211Y 50 6 | ARCA BIOPHARMA INC | COM | ADDED |

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|-----------------|------------------------------|---------------------------|---------------|
| 002120 10 3 * | ATYR PHARMA INC | COM | |
| 002120 90 3 | ATYR PHARMA INC | CALL | |
| 002120 95 3 | ATYR PHARMA INC | PUT | |
| 002121 10 1 * | A10 NETWORKS INC | COM | |
| 002121 90 1 | A10 NETWORKS INC | CALL | |
| 002121 95 1 | A10 NETWORKS INC | PUT | |
| 00213H 10 5 * | ARC GROUP WORLDWIDE INC | COM | |
| 00213H 90 5 | ARC GROUP WORLDWIDE INC | CALL | |
| 00213H 95 5 | ARC GROUP WORLDWIDE INC | PUT | |
| 00214Q 10 4 * | ARK ETF TR | INNOVATION ETF | |
| 00214Q 90 4 | ARK ETF TR | CALL | |
| 00214Q 95 4 | ARK ETF TR | PUT | |
| 00214Q 20 3 | ARK ETF TR | INDL INNOVATIN | |
| 00214Q 30 2 | ARK ETF TR | GENOMIC REV ETF | |
| 00214Q 40 1 * | ARK ETF TR | WEB X.O ETF | |
| 00214Q 90 1 | ARK ETF TR | CALL | |
| 00214Q 95 1 | ARK ETF TR | PUT | |
| 00214Q 50 0 | ARK ETF TR | 3D PRINTING ETF | |
| 00214Q 60 9 | ARK ETF TR | ISRAEL INOVATE | |
| 00214Q 70 8 | ARK ETF TR | FINTECH INNOVA | |
| 00215F 10 7 * | ATN INTL INC | COM | |
| 00215F 90 7 | ATN INTL INC | CALL | |
| 00215F 95 7 | ATN INTL INC | PUT | |
| 00215L 10 4 | ASV HLDGS INC | COM | |
| 00215W 10 0 * | ASE TECHNOLOGY HOLDING CO LT | SPONSORED ADS | |
| 00215W 90 0 | ASE TECHNOLOGY HOLDING CO LT | CALL | |
| 00215W 95 0 | ASE TECHNOLOGY HOLDING CO LT | PUT | |
| 002255 10 7 * | AU OPTRONICS CORP | SPONSORED ADR | |
| 002255 90 7 | AU OPTRONICS CORP | CALL | |
| 002255 95 7 | AU OPTRONICS CORP | PUT | |
| 002444 10 7 * | AVX CORP NEW | COM | |
| 002444 90 7 | AVX CORP NEW | CALL | |
| 002444 95 7 | AVX CORP NEW | PUT | |
| 00246W 10 3 * | AXT INC | COM | |

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| 00246W 90 3 | AXT INC | CALL | |
| 00246W 95 3 | AXT INC | PUT | |
| 002474 10 4 * | AZZ INC | COM | |
| 002474 90 4 | AZZ INC | CALL | |
| 002474 95 4 | AZZ INC | PUT | |
| 002535 30 0 * | AARONS INC | COM PAR \$0.50 | |
| 002535 90 0 | AARONS INC | CALL | |
| 002535 95 0 | AARONS INC | PUT | |
| 002824 10 0 * | ABBOTT LABS | COM | |
| 002824 90 0 | ABBOTT LABS | CALL | |
| 002824 95 0 | ABBOTT LABS | PUT | |
| 00287Y 10 9 * | ABBVIE INC | COM | |
| 00287Y 90 9 | ABBVIE INC | CALL | |
| 00287Y 95 9 | ABBVIE INC | PUT | |
| 00289Y 10 7 * | ABEONA THERAPEUTICS INC | COM | |
| 00289Y 90 7 | ABEONA THERAPEUTICS INC | CALL | |
| 00289Y 95 7 | ABEONA THERAPEUTICS INC | PUT | |
| 00289Y 11 5 | ABEONA THERAPEUTICS INC | *W EXP 12/24/201 | |
| 002896 20 7 * | ABERCROMBIE & FITCH CO | CL A | |
| 002896 90 7 | ABERCROMBIE & FITCH CO | CALL | |
| 002896 95 7 | ABERCROMBIE & FITCH CO | PUT | |
| 003009 10 7 | ABERDEEN ASIA PACIFIC INCOM | COM | |
| 00301W 10 5 | ABERDEEN EMRG MRKTS EQT INM | COM | |
| 003011 10 3 | ABERDEEN AUSTRALIA EQTY FD I | COM | |
| 003013 10 9 | ABERDEEN GLOBAL INCOME FD IN | COM | |
| 00302L 10 8 | ABERDEEN GLOBAL PREMIER PPTY | COM SH BEN INT | |
| 00302M 10 6 | ABERDEEN GLOBAL DYNAMIC DIVI | COM | |
| 003057 10 6 | ABERDEEN INCOME CR STRATEGIE | COM | |
| 00306J 10 9 | ABERDEEN JAPAN EQUITY FD INC | COM | |
| 00326A 10 4 * | ABERDEEN STD GOLD ETF TR | PHYSCL GOLD SHS | |
| 00326A 90 4 | ABERDEEN STD GOLD ETF TR | CALL | |
| 00326A 95 4 | ABERDEEN STD GOLD ETF TR | PUT | |
| 00326L 10 0 | ABERDEEN TOTAL DYNAMIC DIVD | COM SH BEN INT | |
| 003260 10 6 | ABERDEEN STD PLATINUM ETF TR | PHYSCL PLATM SHS | |

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| 003261 10 4 * | ABERDEEN STD INVTS ETFS | BBRG ALL COMD K1 | |
| 003261 90 4 | ABERDEEN STD INVTS ETFS | CALL | |
| 003261 95 4 | ABERDEEN STD INVTS ETFS | PUT | |
| 003261 20 3 | ABERDEEN STD INVTS ETFS | BBRG ALL LNDR K1 | |
| 003261 50 0 | ABERDEEN STD INVTS ETFS | BBRG WTI CRUD K1 | |
| 003262 10 2 | ABERDEEN STD PALLADIUM ETF T | PHYSCL PALLADM | |
| 003263 10 0 | ABERDEEN STD PRECIOUS METALS | PHYSCL PM BASKET | |
| 003264 10 8 * | ABERDEEN STD SILVER ETF TR | PHYSCL SILVR SHS | |
| 003264 90 8 | ABERDEEN STD SILVER ETF TR | CALL | |
| 003264 95 8 | ABERDEEN STD SILVER ETF TR | PUT | |
| 003654 10 0 * | ABIOMED INC | COM | |
| 003654 90 0 | ABIOMED INC | CALL | |
| 003654 95 0 | ABIOMED INC | PUT | |
| 003830 10 6 * | ABRAXAS PETE CORP | COM | |
| 003830 90 6 | ABRAXAS PETE CORP | CALL | |
| 003830 95 6 | ABRAXAS PETE CORP | PUT | |
| 003881 30 7 * | ACACIA RESH CORP | ACACIA TCH COM | |
| 003881 90 7 | ACACIA RESH CORP | CALL | |
| 003881 95 7 | ACACIA RESH CORP | PUT | |
| 00400R 10 6 | ABSOLUTE SHS TR | WBI BBR RNG 2000 | |
| 00400R 20 5 | ABSOLUTE SHS TR | WBI BBR VAL 2000 | |
| 00400R 30 4 | ABSOLUTE SHS TR | WBI BBR YLD 2000 | |
| 00400R 40 3 | ABSOLUTE SHS TR | WBI BBR QTY 2000 | |
| 00400R 50 2 | ABSOLUTE SHS TR | WBI BBR RNG 1000 | |
| 00400R 60 1 | ABSOLUTE SHS TR | WBI BBR VAL 1000 | |
| 00400R 70 0 | ABSOLUTE SHS TR | WBI BBR YLD 1000 | |
| 00400R 80 9 | ABSOLUTE SHS TR | WBI BBR QTY 1000 | |
| 00400R 84 1 | ABSOLUTE SHS TR | WBI BULBEAR TR | ADDED |
| 00400R 85 8 | ABSOLUTE SHS TR | WBI PWR FCTR ETF | |
| 00400R 86 6 | ABSOLUTE SHS TR | WBI BBR GBL ROTN | DELETED |
| 00400R 87 4 | ABSOLUTE SHS TR | WBI BBR GBL INME | |
| 00400R 88 2 | ABSOLUTE SHS TR | WBI BBR GBL HIGH | DELETED |
| 00401C 10 8 * | ACACIA COMMUNICATIONS INC | COM | |
| 00401C 90 8 | ACACIA COMMUNICATIONS INC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 00401C 95 8 | ACACIA COMMUNICATIONS INC | PUT | |
| 00404A 10 9 * | ACADIA HEALTHCARE COMPANY IN | COM | |
| 00404A 90 9 | ACADIA HEALTHCARE COMPANY IN | CALL | |
| 00404A 95 9 | ACADIA HEALTHCARE COMPANY IN | PUT | |
| 004225 10 8 * | ACADIA PHARMACEUTICALS INC | COM | |
| 004225 90 8 | ACADIA PHARMACEUTICALS INC | CALL | |
| 004225 95 8 | ACADIA PHARMACEUTICALS INC | PUT | |
| 004239 10 9 * | ACADIA RLTY TR | COM SH BEN INT | |
| 004239 90 9 | ACADIA RLTY TR | CALL | |
| 004239 95 9 | ACADIA RLTY TR | PUT | |
| 004285 10 2 | ACAMAR PARTNERS ACQSITION CO | CL A | ADDED |
| 004285 11 0 | ACAMAR PARTNERS ACQSITION CO | *W EXP 02/26/202 | ADDED |
| 004285 20 1 | ACAMAR PARTNERS ACQSITION CO | UNIT 12/30/2025 | |
| 00430H AB 8 | ACCELERATE DIAGNOSTICS INC | NOTE 2.500% 3/1 | ADDED |
| 00430H 10 2 * | ACCELERATE DIAGNOSTICS INC | COM | |
| 00430H 90 2 | ACCELERATE DIAGNOSTICS INC | CALL | |
| 00430H 95 2 | ACCELERATE DIAGNOSTICS INC | PUT | |
| 00430K 40 2 | ACASTI PHARMA INC | CL A NEW | |
| 00434H 10 8 * | ACCELERON PHARMA INC | COM | |
| 00434H 90 8 | ACCELERON PHARMA INC | CALL | |
| 00434H 95 8 | ACCELERON PHARMA INC | PUT | |
| 004397 10 5 * | ACCURAY INC | COM | |
| 004397 90 5 | ACCURAY INC | CALL | |
| 004397 95 5 | ACCURAY INC | PUT | |
| 00444P 10 8 | ACER THERAPEUTICS INC | COM | |
| 00444T 10 0 * | ACELRX PHARMACEUTICALS INC | COM | |
| 00444T 90 0 | ACELRX PHARMACEUTICALS INC | CALL | |
| 00444T 95 0 | ACELRX PHARMACEUTICALS INC | PUT | |
| 004446 10 0 * | ACETO CORP | COM | DELETED |
| 004446 90 0 | ACETO CORP | CALL | DELETED |
| 004446 95 0 | ACETO CORP | PUT | DELETED |
| 004449 10 4 * | ACHAOGEN INC | COM | DELETED |
| 004449 90 4 | ACHAOGEN INC | CALL | DELETED |
| 004449 95 4 | ACHAOGEN INC | PUT | DELETED |

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|---------------|------------------------------|--------------------|--------|
| 004468 20 3 | ACHIEVE LIFE SCIENCE INC | COM NEW | |
| 00448Q 20 1 * | ACHILLION PHARMACEUTICALS IN | COM | |
| 00448Q 90 1 | ACHILLION PHARMACEUTICALS IN | CALL | |
| 00448Q 95 1 | ACHILLION PHARMACEUTICALS IN | PUT | |
| 004498 10 1 * | ACI WORLDWIDE INC | COM | |
| 004498 90 1 | ACI WORLDWIDE INC | CALL | |
| 004498 95 1 | ACI WORLDWIDE INC | PUT | |
| 00461U 10 5 * | ACLARIS THERAPEUTICS INC | COM | |
| 00461U 90 5 | ACLARIS THERAPEUTICS INC | CALL | |
| 00461U 95 5 | ACLARIS THERAPEUTICS INC | PUT | |
| 004816 10 4 | ACME UTD CORP | COM | |
| 00484M AA 4 | ACORDA THERAPEUTICS INC | NOTE 1.750% 6/1 | |
| 00484M 10 6 * | ACORDA THERAPEUTICS INC | COM | |
| 00484M 90 6 | ACORDA THERAPEUTICS INC | CALL | |
| 00484M 95 6 | ACORDA THERAPEUTICS INC | PUT | |
| 004854 20 4 | ACORN INTL INC | SPONSORD ADR NEW | |
| 00507V 10 9 * | ACTIVISION BLIZZARD INC | COM | |
| 00507V 90 9 | ACTIVISION BLIZZARD INC | CALL | |
| 00507V 95 9 | ACTIVISION BLIZZARD INC | PUT | |
| 00507W 10 7 * | ACTINIUM PHARMACEUTICALS INC | COM | |
| 00507W 90 7 | ACTINIUM PHARMACEUTICALS INC | CALL | |
| 00507W 95 7 | ACTINIUM PHARMACEUTICALS INC | PUT | |
| 00508X 20 3 * | ACTUANT CORP | CL A NEW | |
| 00508X 90 3 | ACTUANT CORP | CALL | |
| 00508X 95 3 | ACTUANT CORP | PUT | |
| 00508Y 10 2 * | ACUITY BRANDS INC | COM | |
| 00508Y 90 2 | ACUITY BRANDS INC | CALL | |
| 00508Y 95 2 | ACUITY BRANDS INC | PUT | |
| 005098 10 8 * | ACUSHNET HOLDINGS CORP | COM | |
| 005098 90 8 | ACUSHNET HOLDINGS CORP | CALL | |
| 005098 95 8 | ACUSHNET HOLDINGS CORP | PUT | |
| 00547W 20 8 * | ADAMIS PHARMACEUTICALS CORP | COM NEW | |
| 00547W 90 8 | ADAMIS PHARMACEUTICALS CORP | CALL | |
| 00547W 95 8 | ADAMIS PHARMACEUTICALS CORP | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 00548A 10 6 * | ADAMAS PHARMACEUTICALS INC | COM | |
| 00548A 90 6 | ADAMAS PHARMACEUTICALS INC | CALL | |
| 00548A 95 6 | ADAMAS PHARMACEUTICALS INC | PUT | |
| 00548F 10 5 * | ADAM NAT RES FD INC | COM | |
| 00548F 90 5 | ADAM NAT RES FD INC | CALL | |
| 00548F 95 5 | ADAM NAT RES FD INC | PUT | |
| 006212 10 4 | ADAMS DIVERSIFIED EQUITY FD | COM | |
| 006351 30 8 | ADAMS RES & ENERGY INC | COM NEW | |
| 00650F 10 9 | ADAPTIVE BIOTECHNOLOGIES COR | COM | ADDED |
| 00653A 10 7 * | ADAPTIMMUNE THERAPEUTICS PLC | SPONDS ADR | |
| 00653A 90 7 | ADAPTIMMUNE THERAPEUTICS PLC | CALL | |
| 00653A 95 7 | ADAPTIMMUNE THERAPEUTICS PLC | PUT | |
| 006739 10 6 * | ADDUS HOMECARE CORP | COM | |
| 006739 90 6 | ADDUS HOMECARE CORP | CALL | |
| 006739 95 6 | ADDUS HOMECARE CORP | PUT | |
| 006743 30 6 | ADVANTAGE TECHNOLOGIES GP I | COM NEW | |
| 00687D 10 1 * | ADESTO TECHNOLOGIES CORP | COM | |
| 00687D 90 1 | ADESTO TECHNOLOGIES CORP | CALL | |
| 00687D 95 1 | ADESTO TECHNOLOGIES CORP | PUT | |
| 00688A 10 6 | ADIAL PHARMACEUTICALS INC | COM | |
| 00688A 11 4 | ADIAL PHARMACEUTICALS INC | *W EXP 07/31/202 | |
| 00724F 10 1 * | ADOBE INC | COM | |
| 00724F 90 1 | ADOBE INC | CALL | |
| 00724F 95 1 | ADOBE INC | PUT | |
| 00726A 10 0 | ADOMANI INC | COM | |
| 00737L 10 3 * | ADTALEM GLOBAL ED INC | COM | |
| 00737L 90 3 | ADTALEM GLOBAL ED INC | CALL | |
| 00737L 95 3 | ADTALEM GLOBAL ED INC | PUT | |
| 00738A 10 6 * | ADTRAN INC | COM | |
| 00738A 90 6 | ADTRAN INC | CALL | |
| 00738A 95 6 | ADTRAN INC | PUT | |
| 00739L 10 1 * | ADURO BIOTECH INC | COM | |
| 00739L 90 1 | ADURO BIOTECH INC | CALL | |
| 00739L 95 1 | ADURO BIOTECH INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 00751Y 10 6 * | ADVANCE AUTO PARTS INC | COM | |
| 00751Y 90 6 | ADVANCE AUTO PARTS INC | CALL | |
| 00751Y 95 6 | ADVANCE AUTO PARTS INC | PUT | |
| 00760J 10 8 | AEHR TEST SYSTEMS | COM | |
| 007624 30 7 * | ADVAXIS INC | COM NEW | |
| 007624 90 7 | ADVAXIS INC | CALL | |
| 007624 95 7 | ADVAXIS INC | PUT | |
| 00764C 10 9 | ADVENT CLAYMORE CV SECS & IN | COM | |
| 00766T 10 0 * | AECOM | COM | |
| 00766T 90 0 | AECOM | CALL | |
| 00766T 95 0 | AECOM | PUT | |
| 00767E AB 8 | AEGERION PHARMACEUTICALS INC | NOTE 2.000% 8/1 | DELETED |
| 00768Y 20 6 | ADVISORSHARES TR | ADVISORSHS ETF | |
| 00768Y 49 5 * | ADVISORSHARES TR | PURE CANNABIS | ADDED |
| 00768Y 90 5 | ADVISORSHARES TR | CALL | ADDED |
| 00768Y 95 5 | ADVISORSHARES TR | PUT | ADDED |
| 00768Y 51 1 | ADVISORSHARES TR | SABRETOOTH ETF | |
| 00768Y 52 9 | ADVISORSHARES TR | DORSY SHRT ETF | |
| 00768Y 53 7 | ADVISORSHARES TR | DORSY MICR ETF | |
| 00768Y 54 5 | ADVISORSHARES TR | VICE ETF | |
| 00768Y 55 2 * | ADVISORSHARES TR | NEW TECH MEDIA | |
| 00768Y 90 2 | ADVISORSHARES TR | CALL | |
| 00768Y 95 2 | ADVISORSHARES TR | PUT | |
| 00768Y 56 0 | ADVISORSHARES TR | ADVISORSHS ETF | |
| 00768Y 58 6 | ADVISORSHARES TR | CORNERSTONE SM | |
| 00768Y 59 4 | ADVISORSHARES TR | PAC EN FLTG RT | |
| 00768Y 65 1 | ADVISORSHARES TR | SAGE CORE ETF | |
| 00768Y 72 7 | ADVISORSHARES TR | NEWFLT MULSINC | |
| 00768Y 76 8 | ADVISORSHARES TR | STAR GLOB BUYW | |
| 00768Y 81 8 | ADVISORSHARES TR | DOUBLELIN VAL EQ | |
| 00768Y 83 4 | ADVISORSHARES TR | FOLIOBEYOND SMRT | |
| 00768Y 88 3 * | ADVISORSHARES TR | RANGER EQUITY BE | |
| 00768Y 90 3 | ADVISORSHARES TR | CALL | |
| 00768Y 95 3 | ADVISORSHARES TR | PUT | |

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| 00770C 10 1 | ADVANCED EMISSIONS SOLUTS IN | COM | |
| 00770F 10 4 * | AEGION CORP | COM | |
| 00770F 90 4 | AEGION CORP | CALL | |
| 00770F 95 4 | AEGION CORP | PUT | |
| 00770K 20 2 | AEMETIS INC | COM NEW | |
| 00771V 10 8 * | AERIE PHARMACEUTICALS INC | COM | |
| 00771V 90 8 | AERIE PHARMACEUTICALS INC | CALL | |
| 00771V 95 8 | AERIE PHARMACEUTICALS INC | PUT | |
| 00773J 10 3 * | AEGLEA BIOTHERAPEUTICS INC | COM | |
| 00773J 90 3 | AEGLEA BIOTHERAPEUTICS INC | CALL | |
| 00773J 95 3 | AEGLEA BIOTHERAPEUTICS INC | PUT | |
| 00773T 10 1 * | ADVANSIX INC | COM | |
| 00773T 90 1 | ADVANSIX INC | CALL | |
| 00773T 95 1 | ADVANSIX INC | PUT | |
| 00773U 10 8 * | ADVERUM BIOTECHNOLOGIES INC | COM | |
| 00773U 90 8 | ADVERUM BIOTECHNOLOGIES INC | CALL | |
| 00773U 95 8 | ADVERUM BIOTECHNOLOGIES INC | PUT | |
| 007737 10 9 | AEROCENTURY CORP | COM | |
| 007786 10 6 * | AEROHIVE NETWORKS INC | COM | |
| 007786 90 6 | AEROHIVE NETWORKS INC | CALL | |
| 007786 95 6 | AEROHIVE NETWORKS INC | PUT | |
| 007800 AB 1 | AEROJET ROCKETDYNE HLDGS INC | NOTE 2.250%12/1 | |
| 007800 10 5 * | AEROJET ROCKETDYNE HLDGS INC | COM | |
| 007800 90 5 | AEROJET ROCKETDYNE HLDGS INC | CALL | |
| 007800 95 5 | AEROJET ROCKETDYNE HLDGS INC | PUT | |
| 00790R 10 4 * | ADVANCED DRAIN SYS INC DEL | COM | |
| 00790R 90 4 | ADVANCED DRAIN SYS INC DEL | CALL | |
| 00790R 95 4 | ADVANCED DRAIN SYS INC DEL | PUT | |
| 00790X 10 1 * | ADVANCED DISP SVCS INC DEL | COM | |
| 00790X 90 1 | ADVANCED DISP SVCS INC DEL | CALL | |
| 00790X 95 1 | ADVANCED DISP SVCS INC DEL | PUT | |
| 007903 BD 8 | ADVANCED MICRO DEVICES INC | NOTE 2.125% 9/0 | |
| 007903 10 7 * | ADVANCED MICRO DEVICES INC | COM | |
| 007903 90 7 | ADVANCED MICRO DEVICES INC | CALL | |

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| 007903 95 7 | ADVANCED MICRO DEVICES INC | PUT | |
| 007924 10 3 * | AEGON N V | NY REGISTRY SHS | |
| 007924 90 3 | AEGON N V | CALL | |
| 007924 95 3 | AEGON N V | PUT | |
| 007973 10 0 * | ADVANCED ENERGY INDS | COM | |
| 007973 90 0 | ADVANCED ENERGY INDS | CALL | |
| 007973 95 0 | ADVANCED ENERGY INDS | PUT | |
| 007975 40 2 * | AETERNA ZENTARIS INC | COM | |
| 007975 90 2 | AETERNA ZENTARIS INC | CALL | |
| 007975 95 2 | AETERNA ZENTARIS INC | PUT | |
| 008073 10 8 * | AEROVIRONMENT INC | COM | |
| 008073 90 8 | AEROVIRONMENT INC | CALL | |
| 008073 95 8 | AEROVIRONMENT INC | PUT | |
| 00808Y 20 8 | AETHLON MED INC | COM NEW | |
| 00810B 10 5 | AERPIO PHARMACEUTICALS INC | COM | |
| 008252 10 8 * | AFFILIATED MANAGERS GROUP IN | COM | |
| 008252 90 8 | AFFILIATED MANAGERS GROUP IN | CALL | |
| 008252 95 8 | AFFILIATED MANAGERS GROUP IN | PUT | |
| 00835P 10 5 * | AEVI GENOMIC MEDICINE INC | COM | |
| 00835P 90 5 | AEVI GENOMIC MEDICINE INC | CALL | |
| 00835P 95 5 | AEVI GENOMIC MEDICINE INC | PUT | |
| 00846U 10 1 * | AGILENT TECHNOLOGIES INC | COM | |
| 00846U 90 1 | AGILENT TECHNOLOGIES INC | CALL | |
| 00846U 95 1 | AGILENT TECHNOLOGIES INC | PUT | |
| 00847G 70 5 * | AGENUS INC | COM NEW | |
| 00847G 90 5 | AGENUS INC | CALL | |
| 00847G 95 5 | AGENUS INC | PUT | |
| 00847J 10 5 * | AGILYSYS INC | COM | |
| 00847J 90 5 | AGILYSYS INC | CALL | |
| 00847J 95 5 | AGILYSYS INC | PUT | |
| 00847L 10 0 * | AGILE THERAPEUTICS INC | COM | |
| 00847L 90 0 | AGILE THERAPEUTICS INC | CALL | |
| 00847L 95 0 | AGILE THERAPEUTICS INC | PUT | |
| 00847X 10 4 * | AGIOS PHARMACEUTICALS INC | COM | |

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|-----------------|------------------------------|---------------------------|---------------|
| 00847X 90 4 | AGIOS PHARMACEUTICALS INC | CALL | |
| 00847X 95 4 | AGIOS PHARMACEUTICALS INC | PUT | |
| 008474 10 8 * | AGNICO EAGLE MINES LTD | COM | |
| 008474 90 8 | AGNICO EAGLE MINES LTD | CALL | |
| 008474 95 8 | AGNICO EAGLE MINES LTD | PUT | |
| 00848H 10 8 | AGEX THERAPEUTICS INC | COM | |
| 00848K 10 1 | AGEAGLE AERIAL SYS INC NEW | COM | |
| 008492 10 0 * | AGREE REALTY CORP | COM | |
| 008492 90 0 | AGREE REALTY CORP | CALL | |
| 008492 95 0 | AGREE REALTY CORP | PUT | |
| 00856G 10 9 * | AGROFRESH SOLUTIONS | COM | |
| 00856G 90 9 | AGROFRESH SOLUTIONS | CALL | |
| 00856G 95 9 | AGROFRESH SOLUTIONS | PUT | |
| 00856G 11 7 | AGROFRESH SOLUTIONS | *W EXP 07/31/202 | |
| 00887A 10 5 | AILERON THERAPEUTICS INC | COM | |
| 00900T 10 7 * | AIMMUNE THERAPEUTICS INC | COM | |
| 00900T 90 7 | AIMMUNE THERAPEUTICS INC | CALL | |
| 00900T 95 7 | AIMMUNE THERAPEUTICS INC | PUT | |
| 00912N 20 5 | AIR INDS GROUP | COM NEW | |
| 00912X 30 2 * | AIR LEASE CORP | CL A | |
| 00912X 90 2 | AIR LEASE CORP | CALL | |
| 00912X 95 2 | AIR LEASE CORP | PUT | |
| 009158 10 6 * | AIR PRODS & CHEMS INC | COM | |
| 009158 90 6 | AIR PRODS & CHEMS INC | CALL | |
| 009158 95 6 | AIR PRODS & CHEMS INC | PUT | |
| 00919P 11 2 | AIR T INC | *W EXP 06/07/202 | ADDED |
| 009207 10 1 | AIR T INC | COM | |
| 00922R AB 1 | AIR TRANSPORT SERVICES GRP I | NOTE 1.125%10/1 | |
| 00922R 10 5 * | AIR TRANSPORT SERVICES GRP I | COM | |
| 00922R 90 5 | AIR TRANSPORT SERVICES GRP I | CALL | |
| 00922R 95 5 | AIR TRANSPORT SERVICES GRP I | PUT | |
| 00938A 10 4 * | AIRGAIN INC | COM | |
| 00938A 90 4 | AIRGAIN INC | CALL | |
| 00938A 95 4 | AIRGAIN INC | PUT | |

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|---------------|---------------------------|--------------------|---------|
| 00941Q 10 4 * | AIRNET TECHNOLOGY INC | SPONSORED ADR | ADDED |
| 00941Q 90 4 | AIRNET TECHNOLOGY INC | CALL | ADDED |
| 00941Q 95 4 | AIRNET TECHNOLOGY INC | PUT | ADDED |
| 009411 10 9 * | AIRMEDIA GROUP INC | SPONSORED ADS | DELETED |
| 009411 90 9 | AIRMEDIA GROUP INC | CALL | DELETED |
| 009411 95 9 | AIRMEDIA GROUP INC | PUT | DELETED |
| 00971T AJ 0 | AKAMAI TECHNOLOGIES INC | NOTE 0.125% 5/0 | ADDED |
| 00971T 10 1 * | AKAMAI TECHNOLOGIES INC | COM | |
| 00971T 90 1 | AKAMAI TECHNOLOGIES INC | CALL | |
| 00971T 95 1 | AKAMAI TECHNOLOGIES INC | PUT | |
| 00972D 10 5 * | AKEBIA THERAPEUTICS INC | COM | |
| 00972D 90 5 | AKEBIA THERAPEUTICS INC | CALL | |
| 00972D 95 5 | AKEBIA THERAPEUTICS INC | PUT | |
| 00972G 10 8 | AKARI THERAPEUTICS PLC | SPONSORED ADR | |
| 00972L 10 7 * | AKCEA THERAPEUTICS INC | COM | |
| 00972L 90 7 | AKCEA THERAPEUTICS INC | CALL | |
| 00972L 95 7 | AKCEA THERAPEUTICS INC | PUT | |
| 009728 10 6 * | AKORN INC | COM | |
| 009728 90 6 | AKORN INC | CALL | |
| 009728 95 6 | AKORN INC | PUT | |
| 00973E 30 0 | AKERS BIOSCIENCES INC | COM NEW | |
| 00973N 10 2 * | AKOUSTIS TECHNOLOGIES INC | COM | |
| 00973N 90 2 | AKOUSTIS TECHNOLOGIES INC | CALL | |
| 00973N 95 2 | AKOUSTIS TECHNOLOGIES INC | PUT | |
| 00973W 10 2 | AKERNA CORP | COM | ADDED |
| 00973W 11 0 | AKERNA CORP | *W EXP 01/30/202 | ADDED |
| 00973Y 10 8 | AKERO THERAPEUTICS INC | COM | ADDED |
| 011311 10 7 * | ALAMO GROUP INC | COM | |
| 011311 90 7 | ALAMO GROUP INC | CALL | |
| 011311 95 7 | ALAMO GROUP INC | PUT | |
| 011532 10 8 * | ALAMOS GOLD INC NEW | COM CL A | |
| 011532 90 8 | ALAMOS GOLD INC NEW | CALL | |
| 011532 95 8 | ALAMOS GOLD INC NEW | PUT | |
| 011642 10 5 * | ALARM COM HLDGS INC | COM | |

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|---------------|------------------------------|--------------------|--------|
| 011642 90 5 | ALARM COM HLDGS INC | CALL | |
| 011642 95 5 | ALARM COM HLDGS INC | PUT | |
| 011659 10 9 * | ALASKA AIR GROUP INC | COM | |
| 011659 90 9 | ALASKA AIR GROUP INC | CALL | |
| 011659 95 9 | ALASKA AIR GROUP INC | PUT | |
| 01167P 10 1 * | ALASKA COMMUNICATIONS SYS GR | COM | |
| 01167P 90 1 | ALASKA COMMUNICATIONS SYS GR | CALL | |
| 01167P 95 1 | ALASKA COMMUNICATIONS SYS GR | PUT | |
| 012348 10 8 * | ALBANY INTL CORP | CL A | |
| 012348 90 8 | ALBANY INTL CORP | CALL | |
| 012348 95 8 | ALBANY INTL CORP | PUT | |
| 012653 10 1 * | ALBEMARLE CORP | COM | |
| 012653 90 1 | ALBEMARLE CORP | CALL | |
| 012653 95 1 | ALBEMARLE CORP | PUT | |
| 01345P 10 6 * | ALBIREO PHARMA INC | COM | |
| 01345P 90 6 | ALBIREO PHARMA INC | CALL | |
| 01345P 95 6 | ALBIREO PHARMA INC | PUT | |
| 01374T 10 2 * | ALCENTRA CAP CORP | COM | |
| 01374T 90 2 | ALCENTRA CAP CORP | CALL | |
| 01374T 95 2 | ALCENTRA CAP CORP | PUT | |
| 013872 10 6 * | ALCOA CORP | COM | |
| 013872 90 6 | ALCOA CORP | CALL | |
| 013872 95 6 | ALCOA CORP | PUT | |
| 014339 AA 3 | ALDER BIOPHARMACEUTICALS INC | NOTE 2.500% 2/0 | |
| 014339 10 5 * | ALDER BIOPHARMACEUTICALS INC | COM | |
| 014339 90 5 | ALDER BIOPHARMACEUTICALS INC | CALL | |
| 014339 95 5 | ALDER BIOPHARMACEUTICALS INC | PUT | |
| 01438T 10 6 * | ALDEYRA THERAPEUTICS INC | COM | |
| 01438T 90 6 | ALDEYRA THERAPEUTICS INC | CALL | |
| 01438T 95 6 | ALDEYRA THERAPEUTICS INC | PUT | |
| 014442 10 7 | ALECTOR INC | COM | |
| 014491 10 4 * | ALEXANDER & BALDWIN INC NEW | COM | |
| 014491 90 4 | ALEXANDER & BALDWIN INC NEW | CALL | |
| 014491 95 4 | ALEXANDER & BALDWIN INC NEW | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 014752 10 9 | ALEXANDERS INC | COM | |
| 015271 10 9 * | ALEXANDRIA REAL ESTATE EQ IN | COM | |
| 015271 90 9 | ALEXANDRIA REAL ESTATE EQ IN | CALL | |
| 015271 95 9 | ALEXANDRIA REAL ESTATE EQ IN | PUT | |
| 015271 50 5 | ALEXANDRIA REAL ESTATE EQ IN | PFD CONV SER D | |
| 01535P 10 6 * | ALEXCO RESOURCE CORP | COM | |
| 01535P 90 6 | ALEXCO RESOURCE CORP | CALL | |
| 01535P 95 6 | ALEXCO RESOURCE CORP | PUT | |
| 015351 10 9 * | ALEXION PHARMACEUTICALS INC | COM | |
| 015351 90 9 | ALEXION PHARMACEUTICALS INC | CALL | |
| 015351 95 9 | ALEXION PHARMACEUTICALS INC | PUT | |
| 015857 10 5 * | ALGONQUIN PWR UTILS CORP | COM | |
| 015857 90 5 | ALGONQUIN PWR UTILS CORP | CALL | |
| 015857 95 5 | ALGONQUIN PWR UTILS CORP | PUT | |
| 01609W 10 2 * | ALIBABA GROUP HLDG LTD | SPONSORED ADS | |
| 01609W 90 2 | ALIBABA GROUP HLDG LTD | CALL | |
| 01609W 95 2 | ALIBABA GROUP HLDG LTD | PUT | |
| 016230 10 4 | ALICO INC | COM | |
| 016255 10 1 * | ALIGN TECHNOLOGY INC | COM | |
| 016255 90 1 | ALIGN TECHNOLOGY INC | CALL | |
| 016255 95 1 | ALIGN TECHNOLOGY INC | PUT | |
| 016259 10 3 * | ALIMERA SCIENCES INC | COM | |
| 016259 90 3 | ALIMERA SCIENCES INC | CALL | |
| 016259 95 3 | ALIMERA SCIENCES INC | PUT | |
| 01627X 10 8 | ALIO GOLD INC | COM | |
| 01643A 20 7 | ALKALINE WTR CO INC | COM NEW | |
| 01643B 10 6 | ALITHYA GROUP INC | CL A SUB VTG | |
| 01671P 10 0 * | ALLAKOS INC | COM | |
| 01671P 90 0 | ALLAKOS INC | CALL | |
| 01671P 95 0 | ALLAKOS INC | PUT | |
| 017175 10 0 * | ALLEGHANY CORP DEL | COM | |
| 017175 90 0 | ALLEGHANY CORP DEL | CALL | |
| 017175 95 0 | ALLEGHANY CORP DEL | PUT | |
| 01741R AG 7 | ALLEGHENY TECHNOLOGIES INC | NOTE 4.750% 7/0 | |

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| 01741R 10 2 * | ALLEGHENY TECHNOLOGIES INC | COM | |
| 01741R 90 2 | ALLEGHENY TECHNOLOGIES INC | CALL | |
| 01741R 95 2 | ALLEGHENY TECHNOLOGIES INC | PUT | |
| 01748H 10 7 | ALLEGIANCE BANCSHARES INC | COM | |
| 01748X 10 2 * | ALLEGIANT TRAVEL CO | COM | |
| 01748X 90 2 | ALLEGIANT TRAVEL CO | CALL | |
| 01748X 95 2 | ALLEGIANT TRAVEL CO | PUT | |
| 01749N 10 3 | ALLEGRO MERGER CORP | COM | |
| 01749N 11 1 | ALLEGRO MERGER CORP | *W EXP 01/06/202 | |
| 01749N 12 9 | ALLEGRO MERGER CORP | RIGHT 12/31/2023 | |
| 01749N 30 1 | ALLEGRO MERGER CORP | UNIT 12/31/2023 | |
| 018119 10 7 | ALLENA PHARMACEUTICALS INC | COM | |
| 018522 30 0 * | ALLETE INC | COM NEW | |
| 018522 90 0 | ALLETE INC | CALL | |
| 018522 95 0 | ALLETE INC | PUT | |
| 018546 10 1 | ALLIANCE CALIF MUN INCOME FD | COM | DELETED |
| 018581 10 8 * | ALLIANCE DATA SYSTEMS CORP | COM | |
| 018581 90 8 | ALLIANCE DATA SYSTEMS CORP | CALL | |
| 018581 95 8 | ALLIANCE DATA SYSTEMS CORP | PUT | |
| 01864U 10 6 | ALLIANCEBERNSTEIN NATL MUNI | COM | |
| 01877R 10 8 * | ALLIANCE RES PARTNER L P | UT LTD PART | |
| 01877R 90 8 | ALLIANCE RES PARTNER L P | CALL | |
| 01877R 95 8 | ALLIANCE RES PARTNER L P | PUT | |
| 01879R 10 6 | ALLIANCEBERNSTEIN GBL HGH IN | COM | |
| 018802 10 8 * | ALLIANT ENERGY CORP | COM | |
| 018802 90 8 | ALLIANT ENERGY CORP | CALL | |
| 018802 95 8 | ALLIANT ENERGY CORP | PUT | |
| 01881G 10 6 * | ALLIANCEBERNSTEIN HOLDING LP | UNIT LTD PARTN | |
| 01881G 90 6 | ALLIANCEBERNSTEIN HOLDING LP | CALL | |
| 01881G 95 6 | ALLIANCEBERNSTEIN HOLDING LP | PUT | |
| 018825 10 9 | ALLIANZGI CONV INCOME FD II | COM | |
| 018828 10 3 | ALLIANZGI CONV INCOME FD | COM | |
| 018829 10 1 | ALLIANZGI EQUITY & CONV INCO | COM | |
| 01883A 10 7 | ALLIANZGI NFJ DIVID INT & PR | COM | |

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| 01883H 10 2 | ALLIANZGI CON INCM 2024 TARG | COM | |
| 01883J 10 8 | ALLIANZGI DIVERS INC & CNV F | COM | |
| 019222 20 7 | ALLIED HEALTHCARE PRODS INC | COM NEW | |
| 019330 10 9 * | ALLIED MOTION TECHNOLOGIES I | COM | |
| 019330 90 9 | ALLIED MOTION TECHNOLOGIES I | CALL | |
| 019330 95 9 | ALLIED MOTION TECHNOLOGIES I | PUT | |
| 019621 30 9 * | ALLIQUA BIOMEDICAL INC | COM PAR | DELETED |
| 019621 90 9 | ALLIQUA BIOMEDICAL INC | CALL | DELETED |
| 019621 95 9 | ALLIQUA BIOMEDICAL INC | PUT | DELETED |
| 01973R 10 1 * | ALLISON TRANSMISSION HLDGS I | COM | |
| 01973R 90 1 | ALLISON TRANSMISSION HLDGS I | CALL | |
| 01973R 95 1 | ALLISON TRANSMISSION HLDGS I | PUT | |
| 019770 10 6 * | ALLOGENE THERAPEUTICS INC | COM | |
| 019770 90 6 | ALLOGENE THERAPEUTICS INC | CALL | |
| 019770 95 6 | ALLOGENE THERAPEUTICS INC | PUT | |
| 01988P AD 0 | ALLSCRIPTS HEALTHCARE SOLUTN | NOTE 1.250% 7/0 | |
| 01988P 10 8 * | ALLSCRIPTS HEALTHCARE SOLUTN | COM | |
| 01988P 90 8 | ALLSCRIPTS HEALTHCARE SOLUTN | CALL | |
| 01988P 95 8 | ALLSCRIPTS HEALTHCARE SOLUTN | PUT | |
| 020002 10 1 * | ALLSTATE CORP | COM | |
| 020002 90 1 | ALLSTATE CORP | CALL | |
| 020002 95 1 | ALLSTATE CORP | PUT | |
| 02005N 10 0 * | ALLY FINL INC | COM | |
| 02005N 90 0 | ALLY FINL INC | CALL | |
| 02005N 95 0 | ALLY FINL INC | PUT | |
| 020283 30 5 * | ALMADEN MINERALS LTD | COM CL B | |
| 020283 90 5 | ALMADEN MINERALS LTD | CALL | |
| 020283 95 5 | ALMADEN MINERALS LTD | PUT | |
| 02043Q 10 7 * | ALNYLAM PHARMACEUTICALS INC | COM | |
| 02043Q 90 7 | ALNYLAM PHARMACEUTICALS INC | CALL | |
| 02043Q 95 7 | ALNYLAM PHARMACEUTICALS INC | PUT | |
| 02072L 10 2 | ALPHA ARCHITECT ETF TR | US QUAN VALUE | |
| 02072L 20 1 | ALPHA ARCHITECT ETF TR | INTL QUAN VALUE | |
| 02072L 30 0 | ALPHA ARCHITECT ETF TR | INTL QUAN MOMNTM | |

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| 02072L 40 9 | ALPHA ARCHITECT ETF TR | US QUAN MOMENTUM | |
| 02072L 50 8 | ALPHA ARCHITECT ETF TR | VAL MOMTM TRND | |
| 02072L 60 7 | ALPHA ARCHITECT ETF TR | FREEDOM 100 EM | ADDED |
| 020772 10 9 * | ALPHA PRO TECH LTD | COM | |
| 020772 90 9 | ALPHA PRO TECH LTD | CALL | |
| 020772 95 9 | ALPHA PRO TECH LTD | PUT | |
| 02079K 10 7 * | ALPHABET INC | CAP STK CL C | |
| 02079K 90 7 | ALPHABET INC | CALL | |
| 02079K 95 7 | ALPHABET INC | PUT | |
| 02079K 30 5 * | ALPHABET INC | CAP STK CL A | |
| 02079K 90 5 | ALPHABET INC | CALL | |
| 02079K 95 5 | ALPHABET INC | PUT | |
| 02081G 20 1 * | ALPHATEC HOLDINGS INC | COM NEW | |
| 02081G 90 1 | ALPHATEC HOLDINGS INC | CALL | |
| 02081G 95 1 | ALPHATEC HOLDINGS INC | PUT | |
| 02083G 10 0 | ALPINE IMMUNE SCIENCES INC | COM | |
| 02133L 10 9 * | ALTA MESA RES INC | CL A | |
| 02133L 90 9 | ALTA MESA RES INC | CALL | |
| 02133L 95 9 | ALTA MESA RES INC | PUT | |
| 02133L 11 7 | ALTA MESA RES INC | *W EXP 03/28/202 | |
| 021346 10 1 * | ALTABA INC | COM | |
| 021346 90 1 | ALTABA INC | CALL | |
| 021346 95 1 | ALTABA INC | PUT | |
| 021369 AA 1 | ALTAIR ENGR INC | NOTE 0.250% 6/0 | ADDED |
| 021369 10 3 * | ALTAIR ENGR INC | COM CL A | |
| 021369 90 3 | ALTAIR ENGR INC | CALL | |
| 021369 95 3 | ALTAIR ENGR INC | PUT | |
| 02153X 10 8 | ALTISOURCE ASSET MGMT CORP | COM | |
| 02155H 20 0 * | ALTIMMUNE INC | COM NEW | |
| 02155H 90 0 | ALTIMMUNE INC | CALL | |
| 02155H 95 0 | ALTIMMUNE INC | PUT | |
| 02155X 10 6 | ALTERITY THERAPEUTICS LTD | SPONSORED ADR | ADDED |
| 02156B AB 9 | ALTERYX INC | NOTE 0.500% 6/0 | ADDED |
| 02156B 10 3 * | ALTERYX INC | COM CL A | |

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| 02156B 90 3 | ALTERYX INC | CALL | |
| 02156B 95 3 | ALTERYX INC | PUT | |
| 02156K 10 3 * | ALTICE USA INC | CL A | |
| 02156K 90 3 | ALTICE USA INC | CALL | |
| 02156K 95 3 | ALTICE USA INC | PUT | |
| 02208R 10 6 * | ALTRA INDL MOTION CORP | COM | |
| 02208R 90 6 | ALTRA INDL MOTION CORP | CALL | |
| 02208R 95 6 | ALTRA INDL MOTION CORP | PUT | |
| 02209S 10 3 * | ALTRIA GROUP INC | COM | |
| 02209S 90 3 | ALTRIA GROUP INC | CALL | |
| 02209S 95 3 | ALTRIA GROUP INC | PUT | |
| 02215L 10 0 | ALTUS MIDSTREAM CO | CL A | |
| 022276 10 9 * | ALUMINUM CORP CHINA LTD | SPON ADR H SHS | |
| 022276 90 9 | ALUMINUM CORP CHINA LTD | CALL | |
| 022276 95 9 | ALUMINUM CORP CHINA LTD | PUT | |
| 02261W AB 5 | ALZA CORP | SDCV | 7/2 |
| 022663 10 8 | AMALGAMATED BK NEW YORK N Y | CLASS A | |
| 023111 20 6 * | AMARIN CORP PLC | SPONS ADR NEW | |
| 023111 90 6 | AMARIN CORP PLC | CALL | |
| 023111 95 6 | AMARIN CORP PLC | PUT | |
| 023135 10 6 * | AMAZON COM INC | COM | |
| 023135 90 6 | AMAZON COM INC | CALL | |
| 023135 95 6 | AMAZON COM INC | PUT | |
| 023139 11 6 | AMBAC FINL GROUP INC | *W EXP 04/30/202 | |
| 023139 88 4 * | AMBAC FINL GROUP INC | COM NEW | |
| 023139 90 4 | AMBAC FINL GROUP INC | CALL | |
| 023139 95 4 | AMBAC FINL GROUP INC | PUT | |
| 02318Y 10 8 * | AMBER RD INC | COM | |
| 02318Y 90 8 | AMBER RD INC | CALL | |
| 02318Y 95 8 | AMBER RD INC | PUT | |
| 02319V 10 3 * | AMBEV SA | SPONSORED ADR | |
| 02319V 90 3 | AMBEV SA | CALL | |
| 02319V 95 3 | AMBEV SA | PUT | |
| 02322P 20 0 | AMBOW ED HLDG LTD | SPONSORED ADS | |

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| 02341Q 20 5 | AMCON DISTRG CO | COM NEW | |
| 023436 10 8 * | AMEDISYS INC | COM | |
| 023436 90 8 | AMEDISYS INC | CALL | |
| 023436 95 8 | AMEDISYS INC | PUT | |
| 023576 10 1 | AMERANT BANCORP INC | CL A | ADDED |
| 023576 20 0 | AMERANT BANCORP INC | CL B | ADDED |
| 023586 10 0 * | AMERCO | COM | |
| 023586 90 0 | AMERCO | CALL | |
| 023586 95 0 | AMERCO | PUT | |
| 023608 10 2 * | AMEREN CORP | COM | |
| 023608 90 2 | AMEREN CORP | CALL | |
| 023608 95 2 | AMEREN CORP | PUT | |
| 02361E 10 8 * | AMERESCO INC | CL A | |
| 02361E 90 8 | AMERESCO INC | CALL | |
| 02361E 95 8 | AMERESCO INC | PUT | |
| 02362F 10 4 | AMERI HLDGS INC | COM | |
| 02362F 11 2 | AMERI HLDGS INC | *W EXP 11/08/202 | |
| 02364V 10 7 * | AMERICA FIRST MULTIFAMILY IN | BEN UNIT CTF | |
| 02364V 90 7 | AMERICA FIRST MULTIFAMILY IN | CALL | |
| 02364V 95 7 | AMERICA FIRST MULTIFAMILY IN | PUT | |
| 02364W 10 5 * | AMERICA MOVIL SAB DE CV | SPON ADR L SHS | |
| 02364W 90 5 | AMERICA MOVIL SAB DE CV | CALL | |
| 02364W 95 5 | AMERICA MOVIL SAB DE CV | PUT | |
| 02364W 20 4 | AMERICA MOVIL SAB DE CV | SPONSORED ADR | |
| 02376R 10 2 * | AMERICAN AIRLS GROUP INC | COM | |
| 02376R 90 2 | AMERICAN AIRLS GROUP INC | CALL | |
| 02376R 95 2 | AMERICAN AIRLS GROUP INC | PUT | |
| 024013 10 4 * | AMERICAN ASSETS TR INC | COM | |
| 024013 90 4 | AMERICAN ASSETS TR INC | CALL | |
| 024013 95 4 | AMERICAN ASSETS TR INC | PUT | |
| 024061 10 3 * | AMERICAN AXLE & MFG HLDGS IN | COM | |
| 024061 90 3 | AMERICAN AXLE & MFG HLDGS IN | CALL | |
| 024061 95 3 | AMERICAN AXLE & MFG HLDGS IN | PUT | |
| 024835 10 0 * | AMERICAN CAMPUS CMNTYS INC | COM | |

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|---------------|------------------------------|--------------------|--------|
| 024835 90 0 | AMERICAN CAMPUS CMNTYS INC | CALL | |
| 024835 95 0 | AMERICAN CAMPUS CMNTYS INC | PUT | |
| 025072 10 9 | AMERICAN CENTY ETF TR | DIVERSIFID CRP | |
| 025072 20 8 | AMERICAN CENTY ETF TR | STOXX US QUALT | |
| 025072 30 7 | AMERICAN CENTY ETF TR | STOXX US QLTY | |
| 025072 40 6 | AMERICAN CENTY ETF TR | QUALITY DIVRSFED | |
| 025072 50 5 | AMERICAN CENTY ETF TR | DIVERSIFIED MU | |
| 02553E 10 6 * | AMERICAN EAGLE OUTFITTERS IN | COM | |
| 02553E 90 6 | AMERICAN EAGLE OUTFITTERS IN | CALL | |
| 02553E 95 6 | AMERICAN EAGLE OUTFITTERS IN | PUT | |
| 025537 10 1 * | AMERICAN ELEC PWR CO INC | COM | |
| 025537 90 1 | AMERICAN ELEC PWR CO INC | CALL | |
| 025537 95 1 | AMERICAN ELEC PWR CO INC | PUT | |
| 025537 12 7 | AMERICAN ELEC PWR CO INC | UNIT 03/15/2022 | |
| 025576 10 9 | AMERICAN ELECTRIC TECH INC | COM | |
| 025676 20 6 * | AMERICAN EQTY INVT LIFE HLD | COM | |
| 025676 90 6 | AMERICAN EQTY INVT LIFE HLD | CALL | |
| 025676 95 6 | AMERICAN EQTY INVT LIFE HLD | PUT | |
| 025816 10 9 * | AMERICAN EXPRESS CO | COM | |
| 025816 90 9 | AMERICAN EXPRESS CO | CALL | |
| 025816 95 9 | AMERICAN EXPRESS CO | PUT | |
| 025932 10 4 * | AMERICAN FINL GROUP INC OHIO | COM | |
| 025932 90 4 | AMERICAN FINL GROUP INC OHIO | CALL | |
| 025932 95 4 | AMERICAN FINL GROUP INC OHIO | PUT | |
| 02607T 10 9 | AMERICAN FIN TR INC | COM CLASS A | |
| 02665T 30 6 * | AMERICAN HOMES 4 RENT | CL A | |
| 02665T 90 6 | AMERICAN HOMES 4 RENT | CALL | |
| 02665T 95 6 | AMERICAN HOMES 4 RENT | PUT | |
| 026874 15 6 | AMERICAN INTL GROUP INC | *W EXP 01/19/202 | |
| 026874 78 4 * | AMERICAN INTL GROUP INC | COM NEW | |
| 026874 90 4 | AMERICAN INTL GROUP INC | CALL | |
| 026874 95 4 | AMERICAN INTL GROUP INC | PUT | |
| 02752P 10 0 * | AMERICAN MIDSTREAM PARTNERS | COM UNITS | |
| 02752P 90 0 | AMERICAN MIDSTREAM PARTNERS | CALL | |

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|---------------|------------------------------|--------------------|------------|
| 02752P 95 0 | AMERICAN MIDSTREAM PARTNERS | PUT | |
| 027745 10 8 * | AMERICAN NATL BANKSHARES INC | COM | |
| 027745 90 8 | AMERICAN NATL BANKSHARES INC | CALL | |
| 027745 95 8 | AMERICAN NATL BANKSHARES INC | PUT | |
| 028591 10 5 * | AMERICAN NATL INS CO | COM | |
| 028591 90 5 | AMERICAN NATL INS CO | CALL | |
| 028591 95 5 | AMERICAN NATL INS CO | PUT | |
| 02874P 10 3 * | AMERICAN OUTDOOR BRANDS CORP | COM | |
| 02874P 90 3 | AMERICAN OUTDOOR BRANDS CORP | CALL | |
| 02874P 95 3 | AMERICAN OUTDOOR BRANDS CORP | PUT | |
| 02913V 10 3 * | AMERICAN PUBLIC EDUCATION IN | COM | |
| 02913V 90 3 | AMERICAN PUBLIC EDUCATION IN | CALL | |
| 02913V 95 3 | AMERICAN PUBLIC EDUCATION IN | PUT | |
| 02917T AB 0 | AMERICAN RLTY CAP PPTYS INC | NOTE | 3.750%12/1 |
| 029174 10 9 | AMERICAN RLTY INVS INC | COM | |
| 029227 10 5 * | AMERICAN RENAL ASSOCIATES HO | COM | |
| 029227 90 5 | AMERICAN RENAL ASSOCIATES HO | CALL | |
| 029227 95 5 | AMERICAN RENAL ASSOCIATES HO | PUT | |
| 02927U 20 8 | AMERICAN RES CORP | CL A | |
| 029326 10 5 | AMERICAN RIVER BANKSHARES | COM | |
| 029595 10 5 | AMERICAN SHARED HOSPITAL SVC | COM | |
| 029683 10 9 * | AMERICAN SOFTWARE INC | CL A | |
| 029683 90 9 | AMERICAN SOFTWARE INC | CALL | |
| 029683 95 9 | AMERICAN SOFTWARE INC | PUT | |
| 029899 10 1 * | AMERICAN STS WTR CO | COM | |
| 029899 90 1 | AMERICAN STS WTR CO | CALL | |
| 029899 95 1 | AMERICAN STS WTR CO | PUT | |
| 030111 20 7 * | AMERICAN SUPERCONDUCTOR CORP | SHS NEW | |
| 030111 90 7 | AMERICAN SUPERCONDUCTOR CORP | CALL | |
| 030111 95 7 | AMERICAN SUPERCONDUCTOR CORP | PUT | |
| 03027X 10 0 * | AMERICAN TOWER CORP NEW | COM | |
| 03027X 90 0 | AMERICAN TOWER CORP NEW | CALL | |
| 03027X 95 0 | AMERICAN TOWER CORP NEW | PUT | |
| 030371 10 8 * | AMERICAN VANGUARD CORP | COM | |

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| 030371 90 8 | AMERICAN VANGUARD CORP | CALL | |
| 030371 95 8 | AMERICAN VANGUARD CORP | PUT | |
| 030420 10 3 * | AMERICAN WTR WKS CO INC NEW | COM | |
| 030420 90 3 | AMERICAN WTR WKS CO INC NEW | CALL | |
| 030420 95 3 | AMERICAN WTR WKS CO INC NEW | PUT | |
| 030506 10 9 * | AMERICAN WOODMARK CORPORATIO | COM | |
| 030506 90 9 | AMERICAN WOODMARK CORPORATIO | CALL | |
| 030506 95 9 | AMERICAN WOODMARK CORPORATIO | PUT | |
| 03062T 10 5 * | AMERICAS CAR MART INC | COM | |
| 03062T 90 5 | AMERICAS CAR MART INC | CALL | |
| 03062T 95 5 | AMERICAS CAR MART INC | PUT | |
| 03063L 70 5 * | AMERICAS SILVER CORP | COM NEW | |
| 03063L 90 5 | AMERICAS SILVER CORP | CALL | |
| 03063L 95 5 | AMERICAS SILVER CORP | PUT | |
| 03064D 10 8 | AMERICOLD RLTY TR | COM | |
| 03071H 10 0 * | AMERISAFE INC | COM | |
| 03071H 90 0 | AMERISAFE INC | CALL | |
| 03071H 95 0 | AMERISAFE INC | PUT | |
| 03073E 10 5 * | AMERISOURCEBERGEN CORP | COM | |
| 03073E 90 5 | AMERISOURCEBERGEN CORP | CALL | |
| 03073E 95 5 | AMERISOURCEBERGEN CORP | PUT | |
| 03074A 10 2 * | AMERISERV FINL INC | COM | |
| 03074A 90 2 | AMERISERV FINL INC | CALL | |
| 03074A 95 2 | AMERISERV FINL INC | PUT | |
| 03076C 10 6 * | AMERIPRISE FINL INC | COM | |
| 03076C 90 6 | AMERIPRISE FINL INC | CALL | |
| 03076C 95 6 | AMERIPRISE FINL INC | PUT | |
| 03076K 10 8 * | AMERIS BANCORP | COM | |
| 03076K 90 8 | AMERIS BANCORP | CALL | |
| 03076K 95 8 | AMERIS BANCORP | PUT | |
| 030975 10 6 * | AMERIGAS PARTNERS L P | UNIT L P INT | |
| 030975 90 6 | AMERIGAS PARTNERS L P | CALL | |
| 030975 95 6 | AMERIGAS PARTNERS L P | PUT | |
| 031001 10 0 | AMES NATL CORP | COM | |

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| 031100 10 0 * | AMETEK INC NEW | COM | |
| 031100 90 0 | AMETEK INC NEW | CALL | |
| 031100 95 0 | AMETEK INC NEW | PUT | |
| 031162 10 0 * | AMGEN INC | COM | |
| 031162 90 0 | AMGEN INC | CALL | |
| 031162 95 0 | AMGEN INC | PUT | |
| 03152W AB 5 | AMICUS THERAPEUTICS INC | NOTE 3.000%12/1 | ADDED |
| 03152W 10 9 * | AMICUS THERAPEUTICS INC | COM | |
| 03152W 90 9 | AMICUS THERAPEUTICS INC | CALL | |
| 03152W 95 9 | AMICUS THERAPEUTICS INC | PUT | |
| 031652 10 0 * | AMKOR TECHNOLOGY INC | COM | |
| 031652 90 0 | AMKOR TECHNOLOGY INC | CALL | |
| 031652 95 0 | AMKOR TECHNOLOGY INC | PUT | |
| 03168L 10 5 * | AMNEAL PHARMACEUTICALS INC | COM STK CL A | |
| 03168L 90 5 | AMNEAL PHARMACEUTICALS INC | CALL | |
| 03168L 95 5 | AMNEAL PHARMACEUTICALS INC | PUT | |
| 032037 10 3 * | AMPCO-PITTSBURGH CORP | COM | |
| 032037 90 3 | AMPCO-PITTSBURGH CORP | CALL | |
| 032037 95 3 | AMPCO-PITTSBURGH CORP | PUT | |
| 03209R 10 3 * | AMPHASTAR PHARMACEUTICALS IN | COM | |
| 03209R 90 3 | AMPHASTAR PHARMACEUTICALS IN | CALL | |
| 03209R 95 3 | AMPHASTAR PHARMACEUTICALS IN | PUT | |
| 03209T 10 9 * | AMPIO PHARMACEUTICALS INC | COM | |
| 03209T 90 9 | AMPIO PHARMACEUTICALS INC | CALL | |
| 03209T 95 9 | AMPIO PHARMACEUTICALS INC | PUT | |
| 032095 10 1 * | AMPHENOL CORP NEW | CL A | |
| 032095 90 1 | AMPHENOL CORP NEW | CALL | |
| 032095 95 1 | AMPHENOL CORP NEW | PUT | |
| 032108 10 2 | AMPLIFY ETF TR | ONLIN RETL ETF | |
| 032108 40 9 | AMPLIFY ETF TR | CWP ENHANCED DIV | |
| 032108 60 7 * | AMPLIFY ETF TR | BLOCKCHAIN LDR | |
| 032108 90 7 | AMPLIFY ETF TR | CALL | |
| 032108 95 7 | AMPLIFY ETF TR | PUT | |
| 032108 70 6 | AMPLIFY ETF TR | EASI TACTICAL | |

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| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|---------------------------|--------------------|---------|
| 032108 80 5 | AMPLIFY ETF TR | ADVANCED BATTERY | |
| 032108 86 2 | AMPLIFY ETF TR | CRWDBURAU PEER | ADDED |
| 032108 87 0 | AMPLIFY ETF TR | INTL ONLINE | |
| 032108 88 8 | AMPLIFY ETF TR | BLACKSWAN GRWT | |
| 03211P 30 1 | AMPLIPHI BIOSCIENCES CORP | COM PAR | DELETED |
| 032159 10 5 | AMREP CORP NEW | COM | |
| 032332 50 4 * | AMTECH SYS INC | COM PAR \$0.01N | |
| 032332 90 4 | AMTECH SYS INC | CALL | |
| 032332 95 4 | AMTECH SYS INC | PUT | |
| 03236M AC 5 | AMYRIS INC | NOTE 6.500% 5/1 | DELETED |
| 03236M AF 8 | AMYRIS INC | NOTE 9.500% 4/1 | DELETED |
| 03236M AG 6 | AMYRIS INC | NOTE 9.500% 4/1 | DELETED |
| 03236M 20 0 * | AMYRIS INC | COM NEW | |
| 03236M 90 0 | AMYRIS INC | CALL | |
| 03236M 95 0 | AMYRIS INC | PUT | |
| 032511 10 7 * | ANADARKO PETE CORP | COM | |
| 032511 90 7 | ANADARKO PETE CORP | CALL | |
| 032511 95 7 | ANADARKO PETE CORP | PUT | |
| 032654 10 5 * | ANALOG DEVICES INC | COM | |
| 032654 90 5 | ANALOG DEVICES INC | CALL | |
| 032654 95 5 | ANALOG DEVICES INC | PUT | |
| 03272L 10 8 * | ANAPLAN INC | COM | |
| 03272L 90 8 | ANAPLAN INC | CALL | |
| 03272L 95 8 | ANAPLAN INC | PUT | |
| 032724 10 6 * | ANAPTYSBIO INC | COM | |
| 032724 90 6 | ANAPTYSBIO INC | CALL | |
| 032724 95 6 | ANAPTYSBIO INC | PUT | |
| 032797 30 0 * | ANAVEX LIFE SCIENCES CORP | COM NEW | |
| 032797 90 0 | ANAVEX LIFE SCIENCES CORP | CALL | |
| 032797 95 0 | ANAVEX LIFE SCIENCES CORP | PUT | |
| 03280X 10 2 | ANCHIANO THERAPEUTICS LTD | SPONSORED ADS | |
| 03350F 10 6 * | ANDEAVOR LOGISTICS LP | COM UNIT LP INT | |
| 03350F 90 6 | ANDEAVOR LOGISTICS LP | CALL | |
| 03350F 95 6 | ANDEAVOR LOGISTICS LP | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 034164 10 3 * | ANDERSONS INC | COM | |
| 034164 90 3 | ANDERSONS INC | CALL | |
| 034164 95 3 | ANDERSONS INC | PUT | |
| 03464A 10 0 | ANGEL OAK FINL STRATEGIES IN | COM BEN INT | ADDED |
| 03475V 10 1 * | ANGIODYNAMICS INC | COM | |
| 03475V 90 1 | ANGIODYNAMICS INC | CALL | |
| 03475V 95 1 | ANGIODYNAMICS INC | PUT | |
| 035128 20 6 * | ANGLOGOLD ASHANTI LTD | SPONSORED ADR | |
| 035128 90 6 | ANGLOGOLD ASHANTI LTD | CALL | |
| 035128 95 6 | ANGLOGOLD ASHANTI LTD | PUT | |
| 03524A 10 8 * | ANHEUSER BUSCH INBEV SA/NV | SPONSORED ADR | |
| 03524A 90 8 | ANHEUSER BUSCH INBEV SA/NV | CALL | |
| 03524A 95 8 | ANHEUSER BUSCH INBEV SA/NV | PUT | |
| 035255 10 8 * | ANIKA THERAPEUTICS INC | COM | |
| 035255 90 8 | ANIKA THERAPEUTICS INC | CALL | |
| 035255 95 8 | ANIKA THERAPEUTICS INC | PUT | |
| 03528H 10 9 | ANIXA BIOSCIENCES INC | COM | |
| 035290 10 5 * | ANIXTER INTL INC | COM | |
| 035290 90 5 | ANIXTER INTL INC | CALL | |
| 035290 95 5 | ANIXTER INTL INC | PUT | |
| 035710 40 9 * | ANNALY CAP MGMT INC | COM | |
| 035710 90 9 | ANNALY CAP MGMT INC | CALL | |
| 035710 95 9 | ANNALY CAP MGMT INC | PUT | |
| 03662Q 10 5 * | ANSYS INC | COM | |
| 03662Q 90 5 | ANSYS INC | CALL | |
| 03662Q 95 5 | ANSYS INC | PUT | |
| 036642 10 6 * | ANTARES PHARMA INC | COM | |
| 036642 90 6 | ANTARES PHARMA INC | CALL | |
| 036642 95 6 | ANTARES PHARMA INC | PUT | |
| 03674X 10 6 * | ANTERO RES CORP | COM | |
| 03674X 90 6 | ANTERO RES CORP | CALL | |
| 03674X 95 6 | ANTERO RES CORP | PUT | |
| 036752 10 3 * | ANTHEM INC | COM | |
| 036752 90 3 | ANTHEM INC | CALL | |

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| 036752 95 3 | ANTHEM INC | PUT | |
| 03676B 10 2 * | ANTERO MIDSTREAM CORP | COM | |
| 03676B 90 2 | ANTERO MIDSTREAM CORP | CALL | |
| 03676B 95 2 | ANTERO MIDSTREAM CORP | PUT | |
| 037347 10 1 * | ANWORTH MORTGAGE ASSET CP | COM | |
| 037347 90 1 | ANWORTH MORTGAGE ASSET CP | CALL | |
| 037347 95 1 | ANWORTH MORTGAGE ASSET CP | PUT | |
| 037411 10 5 * | APACHE CORP | COM | |
| 037411 90 5 | APACHE CORP | CALL | |
| 037411 95 5 | APACHE CORP | PUT | |
| 03748R 75 4 * | APARTMENT INVT & MGMT CO | CL A | |
| 03748R 90 4 | APARTMENT INVT & MGMT CO | CALL | |
| 03748R 95 4 | APARTMENT INVT & MGMT CO | PUT | |
| 03748R 76 2 | APARTMENT INVT & MGMT CO | PFD CL A 6.875% | DELETED |
| 03753U 10 6 * | APELLIS PHARMACEUTICALS INC | COM | |
| 03753U 90 6 | APELLIS PHARMACEUTICALS INC | CALL | |
| 03753U 95 6 | APELLIS PHARMACEUTICALS INC | PUT | |
| 03753V 10 4 | APERION BIOLOGICS INC | COM | |
| 03755L 10 4 * | APERGY CORP | COM | |
| 03755L 90 4 | APERGY CORP | CALL | |
| 03755L 95 4 | APERGY CORP | PUT | |
| 03755M 10 2 * | APEX GLOBAL BRANDS INC | COM | ADDED |
| 03755M 90 2 | APEX GLOBAL BRANDS INC | CALL | ADDED |
| 03755M 95 2 | APEX GLOBAL BRANDS INC | PUT | ADDED |
| 037598 10 9 * | APOGEE ENTERPRISES INC | COM | |
| 037598 90 9 | APOGEE ENTERPRISES INC | CALL | |
| 037598 95 9 | APOGEE ENTERPRISES INC | PUT | |
| 03761U 50 2 * | APOLLO INVT CORP | COM NEW | |
| 03761U 90 2 | APOLLO INVT CORP | CALL | |
| 03761U 95 2 | APOLLO INVT CORP | PUT | |
| 037612 30 6 * | APOLLO GLOBAL MGMT LLC | CL A SHS | |
| 037612 90 6 | APOLLO GLOBAL MGMT LLC | CALL | |
| 037612 95 6 | APOLLO GLOBAL MGMT LLC | PUT | |
| 03762U AB 1 | APOLLO COML REAL EST FIN INC | NOTE 4.750% 8/2 | |

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|---------------|------------------------------|--------------------|---------|
| 03762U AC 9 | APOLLO COML REAL EST FIN INC | NOTE 5.375%10/1 | |
| 03762U 10 5 * | APOLLO COML REAL EST FIN INC | COM | |
| 03762U 90 5 | APOLLO COML REAL EST FIN INC | CALL | |
| 03762U 95 5 | APOLLO COML REAL EST FIN INC | PUT | |
| 03763A 20 7 | APOLLO MEDICAL HLDGS INC | COM NEW | |
| 037636 10 7 | APOLLO SR FLOATING RATE FD I | COM | |
| 037638 10 3 | APOLLO TACTICAL INCOME FD IN | COM | |
| 03765K 10 4 * | APHRIA INC | COM | |
| 03765K 90 4 | APHRIA INC | CALL | |
| 03765K 95 4 | APHRIA INC | PUT | |
| 03767D 10 8 * | APOLLO ENDOSURGERY INC | COM | |
| 03767D 90 8 | APOLLO ENDOSURGERY INC | CALL | |
| 03767D 95 8 | APOLLO ENDOSURGERY INC | PUT | |
| 03782L 10 1 * | APPIAN CORP | CL A | |
| 03782L 90 1 | APPIAN CORP | CALL | |
| 03782L 95 1 | APPIAN CORP | PUT | |
| 03783C 10 0 * | APPFOLIO INC | COM CL A | |
| 03783C 90 0 | APPFOLIO INC | CALL | |
| 03783C 95 0 | APPFOLIO INC | PUT | |
| 037833 10 0 * | APPLE INC | COM | |
| 037833 90 0 | APPLE INC | CALL | |
| 037833 95 0 | APPLE INC | PUT | |
| 03784Y 20 0 * | APPLE HOSPITALITY REIT INC | COM NEW | |
| 03784Y 90 0 | APPLE HOSPITALITY REIT INC | CALL | |
| 03784Y 95 0 | APPLE HOSPITALITY REIT INC | PUT | |
| 03814F 20 5 | APPLIANCE RECYCLING CTRS AME | COM NEW | DELETED |
| 03814F 40 3 | APPLIANCE RECYCLING CTRS AME | COM | ADDED |
| 03815U 11 0 | APPLIED DNA SCIENCES INC | *W EXP 11/21/201 | |
| 03815U 20 1 * | APPLIED DNA SCIENCES INC | COM NEW | |
| 03815U 90 1 | APPLIED DNA SCIENCES INC | CALL | |
| 03815U 95 1 | APPLIED DNA SCIENCES INC | PUT | |
| 03820C 10 5 * | APPLIED INDL TECHNOLOGIES IN | COM | |
| 03820C 90 5 | APPLIED INDL TECHNOLOGIES IN | CALL | |
| 03820C 95 5 | APPLIED INDL TECHNOLOGIES IN | PUT | |

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|---------------|------------------------------------|--------------------|--------|
| 03820J 10 0 * | APPLIED GENETIC TECHNOLOGICAL CORP | COM | |
| 03820J 90 0 | APPLIED GENETIC TECHNOLOGICAL CORP | CALL | |
| 03820J 95 0 | APPLIED GENETIC TECHNOLOGICAL CORP | PUT | |
| 038222 10 5 * | APPLIED MATLS INC | COM | |
| 038222 90 5 | APPLIED MATLS INC | CALL | |
| 038222 95 5 | APPLIED MATLS INC | PUT | |
| 03823U 10 2 * | APPLIED OPTOELECTRONICS INC | COM | |
| 03823U 90 2 | APPLIED OPTOELECTRONICS INC | CALL | |
| 03823U 95 2 | APPLIED OPTOELECTRONICS INC | PUT | |
| 03828A 10 1 | APPLIED THERAPEUTICS INC | COM | ADDED |
| 038336 10 3 * | APTARGROUP INC | COM | |
| 038336 90 3 | APTARGROUP INC | CALL | |
| 038336 95 3 | APTARGROUP INC | PUT | |
| 03834A 10 3 * | APPROACH RESOURCES INC | COM | |
| 03834A 90 3 | APPROACH RESOURCES INC | CALL | |
| 03834A 95 3 | APPROACH RESOURCES INC | PUT | |
| 03835L 10 8 * | APTEVO THERAPEUTICS INC | COM | |
| 03835L 90 8 | APTEVO THERAPEUTICS INC | CALL | |
| 03835L 95 8 | APTEVO THERAPEUTICS INC | PUT | |
| 03835T 20 0 * | APTOSE BIOSCIENCES INC | COM NEW | |
| 03835T 90 0 | APTOSE BIOSCIENCES INC | CALL | |
| 03835T 95 0 | APTOSE BIOSCIENCES INC | PUT | |
| 03836N 10 3 | APTINYX INC | COM | |
| 03836W 10 3 * | AQUA AMERICA INC | COM | |
| 03836W 90 3 | AQUA AMERICA INC | CALL | |
| 03836W 95 3 | AQUA AMERICA INC | PUT | |
| 03836W 20 2 | AQUA AMERICA INC | UNIT 04/30/2022 | ADDED |
| 03837C 10 6 * | APYX MED CORP | COM | |
| 03837C 90 6 | APYX MED CORP | CALL | |
| 03837C 95 6 | APYX MED CORP | PUT | |
| 03837J 10 1 * | AQUA METALS INC | COM | |
| 03837J 90 1 | AQUA METALS INC | CALL | |
| 03837J 95 1 | AQUA METALS INC | PUT | |
| 03842B 10 1 * | AQUINOX PHARMACEUTICALS INC | COM | |

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| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|-----------------------------|--------------------|---------|
| 03842B 90 1 | AQUINOX PHARMACEUTICALS INC | CALL | |
| 03842B 95 1 | AQUINOX PHARMACEUTICALS INC | PUT | |
| 03842K 20 0 | AQUABOUTY TECHNOLOGIES INC | COM NEW | |
| 03842Q 10 8 | AQUANTIA CORP | COM | |
| 03843E 10 4 | AQUESTIVE THERAPEUTICS INC | COM | |
| 03852U 10 6 * | ARAMARK | COM | |
| 03852U 90 6 | ARAMARK | CALL | |
| 03852U 95 6 | ARAMARK | PUT | |
| 03874P 10 1 * | ARATANA THERAPEUTICS INC | COM | |
| 03874P 90 1 | ARATANA THERAPEUTICS INC | CALL | |
| 03874P 95 1 | ARATANA THERAPEUTICS INC | PUT | |
| 03879J 10 0 * | ARBUTUS BIOPHARMA CORP | COM | |
| 03879J 90 0 | ARBUTUS BIOPHARMA CORP | CALL | |
| 03879J 95 0 | ARBUTUS BIOPHARMA CORP | PUT | |
| 03879N 10 1 | ARC LOGISTICS PARTNERS LP | COM UT REP LPN | DELETED |
| 03890D 10 8 * | ARAVIVE INC | COM | |
| 03890D 90 8 | ARAVIVE INC | CALL | |
| 03890D 95 8 | ARAVIVE INC | PUT | |
| 038923 AA 6 | ARBOR RLTY TR INC | NOTE 6.500%10/0 | |
| 038923 AB 4 | ARBOR RLTY TR INC | NOTE 5.375%11/1 | |
| 038923 10 8 * | ARBOR RLTY TR INC | COM | |
| 038923 90 8 | ARBOR RLTY TR INC | CALL | |
| 038923 95 8 | ARBOR RLTY TR INC | PUT | |
| 039014 20 4 | ARCADIA BIOSCIENCES INC | COM NEW | |
| 03937C 10 5 * | ARCBEST CORP | COM | |
| 03937C 90 5 | ARCBEST CORP | CALL | |
| 03937C 95 5 | ARCBEST CORP | PUT | |
| 03938L 20 3 * | ARCELORMITTAL SA LUXEMBOURG | NY REGISTRY SH | |
| 03938L 90 3 | ARCELORMITTAL SA LUXEMBOURG | CALL | |
| 03938L 95 3 | ARCELORMITTAL SA LUXEMBOURG | PUT | |
| 039380 40 7 * | ARCH COAL INC | CL A | |
| 039380 90 7 | ARCH COAL INC | CALL | |
| 039380 95 7 | ARCH COAL INC | PUT | |
| 039483 10 2 * | ARCHER DANIELS MIDLAND CO | COM | |

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|---------------|------------------------------|--------------------|--------|
| 039483 90 2 | ARCHER DANIELS MIDLAND CO | CALL | |
| 039483 95 2 | ARCHER DANIELS MIDLAND CO | PUT | |
| 03957W 10 6 * | ARCHROCK INC | COM | |
| 03957W 90 6 | ARCHROCK INC | CALL | |
| 03957W 95 6 | ARCHROCK INC | PUT | |
| 039587 10 0 | ARCIMOTO INC | COM | |
| 03965L 10 0 * | ARCONIC INC | COM | |
| 03965L 90 0 | ARCONIC INC | CALL | |
| 03965L 95 0 | ARCONIC INC | PUT | |
| 039653 10 0 * | ARCOSA INC | COM | |
| 039653 90 0 | ARCOSA INC | CALL | |
| 039653 95 0 | ARCOSA INC | PUT | |
| 03969F 10 9 * | ARCUS BIOSCIENCES INC | COM | |
| 03969F 90 9 | ARCUS BIOSCIENCES INC | CALL | |
| 03969F 95 9 | ARCUS BIOSCIENCES INC | PUT | |
| 03969T 10 9 * | ARCTURUS THERAPEUTICS HLDG I | COM | ADDED |
| 03969T 90 9 | ARCTURUS THERAPEUTICS HLDG I | CALL | ADDED |
| 03969T 95 9 | ARCTURUS THERAPEUTICS HLDG I | PUT | ADDED |
| 039697 10 7 * | ARDELYX INC | COM | |
| 039697 90 7 | ARDELYX INC | CALL | |
| 039697 95 7 | ARDELYX INC | PUT | |
| 03990B 10 1 * | ARES MANAGEMENT CORPORATION | CL A COM STK | |
| 03990B 90 1 | ARES MANAGEMENT CORPORATION | CALL | |
| 03990B 95 1 | ARES MANAGEMENT CORPORATION | PUT | |
| 040047 60 7 * | ARENA PHARMACEUTICALS INC | COM NEW | |
| 040047 90 7 | ARENA PHARMACEUTICALS INC | CALL | |
| 040047 95 7 | ARENA PHARMACEUTICALS INC | PUT | |
| 04010E 10 9 * | ARGAN INC | COM | |
| 04010E 90 9 | ARGAN INC | CALL | |
| 04010E 95 9 | ARGAN INC | PUT | |
| 04010L AT 0 | ARES CAP CORP | NOTE 3.750% 2/0 | |
| 04010L AW 3 | ARES CAP CORP | NOTE 4.625% 3/0 | |
| 04010L 10 3 * | ARES CAP CORP | COM | |
| 04010L 90 3 | ARES CAP CORP | CALL | |

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| 04010L 95 3 | ARES CAP CORP | PUT | |
| 04013V 10 8 * | ARES COML REAL ESTATE CORP | COM | |
| 04013V 90 8 | ARES COML REAL ESTATE CORP | CALL | |
| 04013V 95 8 | ARES COML REAL ESTATE CORP | PUT | |
| 04014F 10 2 | ARES DYNAMIC CR ALLOCATION F | COM | |
| 04016X 10 1 * | ARGENX SE | SPONSORED ADR | |
| 04016X 90 1 | ARGENX SE | CALL | |
| 04016X 95 1 | ARGENX SE | PUT | |
| 040334 10 4 | ARIDIS PHARMACEUTICALS INC | COM | |
| 040413 10 6 * | ARISTA NETWORKS INC | COM | |
| 040413 90 6 | ARISTA NETWORKS INC | CALL | |
| 040413 95 6 | ARISTA NETWORKS INC | PUT | |
| 040712 10 1 | ARK RESTAURANTS CORP | COM | |
| 041356 20 5 * | ARLINGTON ASSET INVT CORP | CL A NEW | |
| 041356 90 5 | ARLINGTON ASSET INVT CORP | CALL | |
| 041356 95 5 | ARLINGTON ASSET INVT CORP | PUT | |
| 04206A 10 1 * | ARLO TECHNOLOGIES INC | COM | |
| 04206A 90 1 | ARLO TECHNOLOGIES INC | CALL | |
| 04206A 95 1 | ARLO TECHNOLOGIES INC | PUT | |
| 04208T 10 8 * | ARMADA HOFFLER PPTYS INC | COM | |
| 04208T 90 8 | ARMADA HOFFLER PPTYS INC | CALL | |
| 04208T 95 8 | ARMADA HOFFLER PPTYS INC | PUT | |
| 04216R 10 2 | ARMATA PHARMACEUTICALS INC | COM | ADDED |
| 042315 50 7 * | ARMOUR RESIDENTIAL REIT INC | COM NEW | |
| 042315 90 7 | ARMOUR RESIDENTIAL REIT INC | CALL | |
| 042315 95 7 | ARMOUR RESIDENTIAL REIT INC | PUT | |
| 04238R 10 6 * | ARMSTRONG FLOORING INC | COM | |
| 04238R 90 6 | ARMSTRONG FLOORING INC | CALL | |
| 04238R 95 6 | ARMSTRONG FLOORING INC | PUT | |
| 04247X 10 2 * | ARMSTRONG WORLD INDS INC NEW | COM | |
| 04247X 90 2 | ARMSTRONG WORLD INDS INC NEW | CALL | |
| 04247X 95 2 | ARMSTRONG WORLD INDS INC NEW | PUT | |
| 042682 20 3 * | AROTECH CORP | COM NEW | |
| 042682 90 3 | AROTECH CORP | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 042682 95 3 | AROTECH CORP | PUT | |
| 04269E 10 7 * | ARQULE INC | COM | |
| 04269E 90 7 | ARQULE INC | CALL | |
| 04269E 95 7 | ARQULE INC | PUT | |
| 04269X AB 1 | ARRAY BIOPHARMA INC | NOTE 2.625%12/0 | |
| 04269X 10 5 * | ARRAY BIOPHARMA INC | COM | |
| 04269X 90 5 | ARRAY BIOPHARMA INC | CALL | |
| 04269X 95 5 | ARRAY BIOPHARMA INC | PUT | |
| 04273H 10 4 * | ARROW ETF TR | ARROW DJ GLB YLD | |
| 04273H 90 4 | ARROW ETF TR | CALL | |
| 04273H 95 4 | ARROW ETF TR | PUT | |
| 042735 10 0 * | ARROW ELECTRS INC | COM | |
| 042735 90 0 | ARROW ELECTRS INC | CALL | |
| 042735 95 0 | ARROW ELECTRS INC | PUT | |
| 042744 10 2 * | ARROW FINL CORP | COM | |
| 042744 90 2 | ARROW FINL CORP | CALL | |
| 042744 95 2 | ARROW FINL CORP | PUT | |
| 042765 68 5 | ARROW INVTS TR | DWA COUNTRY ETF | |
| 042765 69 3 | ARROW INVTS TR | DOGS OF THE | |
| 042765 71 9 | ARROW INVTS TR | RESV CAP ETF | |
| 042765 78 4 | ARROW INVTS TR | QVM EQT FACTOR | |
| 042765 79 2 | ARROW INVTS TR | DWA TACTICAL ETF | |
| 04280A 10 0 * | ARROWHEAD PHARMACEUTICALS IN | COM | |
| 04280A 90 0 | ARROWHEAD PHARMACEUTICALS IN | CALL | |
| 04280A 95 0 | ARROWHEAD PHARMACEUTICALS IN | PUT | |
| 04301G 12 8 | ARTELO BIOSCIENCES INC | *W EXP 06/25/202 | ADDED |
| 04301G 20 1 | ARTELO BIOSCIENCES INC | COM NEW | ADDED |
| 043113 20 8 * | ARTESIAN RESOURCES CORP | CL A | |
| 043113 90 8 | ARTESIAN RESOURCES CORP | CALL | |
| 043113 95 8 | ARTESIAN RESOURCES CORP | PUT | |
| 04316A 10 8 * | ARTISAN PARTNERS ASSET MGMT | CL A | |
| 04316A 90 8 | ARTISAN PARTNERS ASSET MGMT | CALL | |
| 04316A 95 8 | ARTISAN PARTNERS ASSET MGMT | PUT | |
| 043168 10 3 | ARTS WAY MFG INC | COM | |

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| 04335A 10 5 * | ARVINAS INC | COM | |
| 04335A 90 5 | ARVINAS INC | CALL | |
| 04335A 95 5 | ARVINAS INC | PUT | |
| 043353 AH 4 | ARVINMERITOR INC | FRNT | 2/1 DELETED |
| 04341Y 10 5 * | ASANKO GOLD INC | COM | |
| 04341Y 90 5 | ASANKO GOLD INC | CALL | |
| 04341Y 95 5 | ASANKO GOLD INC | PUT | |
| 043436 10 4 * | ASBURY AUTOMOTIVE GROUP INC | COM | |
| 043436 90 4 | ASBURY AUTOMOTIVE GROUP INC | CALL | |
| 043436 95 4 | ASBURY AUTOMOTIVE GROUP INC | PUT | |
| 04351G 10 1 * | ASCENA RETAIL GROUP INC | COM | |
| 04351G 90 1 | ASCENA RETAIL GROUP INC | CALL | |
| 04351G 95 1 | ASCENA RETAIL GROUP INC | PUT | |
| 04351P 10 1 * | ASCENDIS PHARMA A S | SPONSORED ADR | |
| 04351P 90 1 | ASCENDIS PHARMA A S | CALL | |
| 04351P 95 1 | ASCENDIS PHARMA A S | PUT | |
| 043632 AA 6 | ASCENT CAP GROUP INC | NOTE 4.000% 7/1 | |
| 043632 10 8 * | ASCENT CAP GROUP INC | COM SER A | |
| 043632 90 8 | ASCENT CAP GROUP INC | CALL | |
| 043632 95 8 | ASCENT CAP GROUP INC | PUT | |
| 044103 10 9 * | ASHFORD HOSPITALITY TR INC | COM SHS | |
| 044103 90 9 | ASHFORD HOSPITALITY TR INC | CALL | |
| 044103 95 9 | ASHFORD HOSPITALITY TR INC | PUT | |
| 044104 10 7 | ASHFORD INC | COM | |
| 044186 10 4 * | ASHLAND GLOBAL HLDGS INC | COM | |
| 044186 90 4 | ASHLAND GLOBAL HLDGS INC | CALL | |
| 044186 95 4 | ASHLAND GLOBAL HLDGS INC | PUT | |
| 04522R 10 1 | ASLAN PHARMACEUTICALS LTD | ADS | |
| 04523Y 10 5 | ASPEN AEROGELS INC | COM | |
| 04530L 20 3 | ASPEN GROUP INC | COM NEW | |
| 045327 10 3 * | ASPEN TECHNOLOGY INC | COM | |
| 045327 90 3 | ASPEN TECHNOLOGY INC | CALL | |
| 045327 95 3 | ASPEN TECHNOLOGY INC | PUT | |
| 045396 10 8 * | ASSEMBLY BIOSCIENCES INC | COM | |

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| 045396 90 8 | ASSEMBLY BIOSCIENCES INC | CALL | |
| 045396 95 8 | ASSEMBLY BIOSCIENCES INC | PUT | |
| 04545L 10 7 * | ASSERTIO THERAPEUTICS INC | COM | |
| 04545L 90 7 | ASSERTIO THERAPEUTICS INC | CALL | |
| 04545L 95 7 | ASSERTIO THERAPEUTICS INC | PUT | |
| 045487 10 5 * | ASSOCIATED BANC CORP | COM | |
| 045487 90 5 | ASSOCIATED BANC CORP | CALL | |
| 045487 95 5 | ASSOCIATED BANC CORP | PUT | |
| 045528 10 6 | ASSOCIATED CAP GROUP INC | CL A | |
| 04621X 10 8 * | ASSURANT INC | COM | |
| 04621X 90 8 | ASSURANT INC | CALL | |
| 04621X 95 8 | ASSURANT INC | PUT | |
| 04621X 20 7 | ASSURANT INC | 6.50% CONV PFD D | |
| 046220 10 9 * | ASTA FDG INC | COM | |
| 046220 90 9 | ASTA FDG INC | CALL | |
| 046220 95 9 | ASTA FDG INC | PUT | |
| 046224 10 1 * | ASTEC INDS INC | COM | |
| 046224 90 1 | ASTEC INDS INC | CALL | |
| 046224 95 1 | ASTEC INDS INC | PUT | |
| 046353 10 8 * | ASTRAZENECA PLC | SPONSORED ADR | |
| 046353 90 8 | ASTRAZENECA PLC | CALL | |
| 046353 95 8 | ASTRAZENECA PLC | PUT | |
| 04638F 10 8 | ASTRONOVA INC | COM | |
| 046433 10 8 * | ASTRONICS CORP | COM | |
| 046433 90 8 | ASTRONICS CORP | CALL | |
| 046433 95 8 | ASTRONICS CORP | PUT | |
| 046484 20 0 * | ASTROTECH CORP | COM NEW | |
| 046484 90 0 | ASTROTECH CORP | CALL | |
| 046484 95 0 | ASTROTECH CORP | PUT | |
| 04649U 10 2 * | ASURE SOFTWARE INC | COM | |
| 04649U 90 2 | ASURE SOFTWARE INC | CALL | |
| 04649U 95 2 | ASURE SOFTWARE INC | PUT | |
| 04650Y 10 0 * | AT HOME GROUP INC | COM | |
| 04650Y 90 0 | AT HOME GROUP INC | CALL | |

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| 04650Y 95 0 | AT HOME GROUP INC | PUT | |
| 046513 10 7 * | ATARA BIOTHERAPEUTICS INC | COM | |
| 046513 90 7 | ATARA BIOTHERAPEUTICS INC | CALL | |
| 046513 95 7 | ATARA BIOTHERAPEUTICS INC | PUT | |
| 04685N 10 3 * | ATHENEX INC | COM | |
| 04685N 90 3 | ATHENEX INC | CALL | |
| 04685N 95 3 | ATHENEX INC | PUT | |
| 04744L 10 6 * | ATHERSYS INC | COM | |
| 04744L 90 6 | ATHERSYS INC | CALL | |
| 04744L 95 6 | ATHERSYS INC | PUT | |
| 047649 10 8 * | ATKORE INTL GROUP INC | COM | |
| 047649 90 8 | ATKORE INTL GROUP INC | CALL | |
| 047649 95 8 | ATKORE INTL GROUP INC | PUT | |
| 048209 10 0 | ATLANTIC AMERN CORP | COM | |
| 048269 20 3 | ATLANTIC CAP BANCSHARES INC | COM | |
| 04878Q 86 3 * | ATLANTIC PWR CORP | COM NEW | |
| 04878Q 90 3 | ATLANTIC PWR CORP | CALL | |
| 04878Q 95 3 | ATLANTIC PWR CORP | PUT | |
| 04911A 10 7 * | ATLANTIC UN BANKSHARES CORP | COM | ADDED |
| 04911A 90 7 | ATLANTIC UN BANKSHARES CORP | CALL | ADDED |
| 04911A 95 7 | ATLANTIC UN BANKSHARES CORP | PUT | ADDED |
| 04914Y 10 2 * | ATLANTICUS HLDGS CORP | COM | |
| 04914Y 90 2 | ATLANTICUS HLDGS CORP | CALL | |
| 04914Y 95 2 | ATLANTICUS HLDGS CORP | PUT | |
| 049164 BH 8 | ATLAS AIR WORLDWIDE HLDGS IN | NOTE 2.250% 6/0 | |
| 049164 BJ 4 | ATLAS AIR WORLDWIDE HLDGS IN | NOTE 1.875% 6/0 | |
| 049164 20 5 * | ATLAS AIR WORLDWIDE HLDGS IN | COM NEW | |
| 049164 90 5 | ATLAS AIR WORLDWIDE HLDGS IN | CALL | |
| 049164 95 5 | ATLAS AIR WORLDWIDE HLDGS IN | PUT | |
| 049560 10 5 * | ATMOS ENERGY CORP | COM | |
| 049560 90 5 | ATMOS ENERGY CORP | CALL | |
| 049560 95 5 | ATMOS ENERGY CORP | PUT | |
| 04962H 50 6 * | ATOSSA GENETICS INC | COM PAR | |
| 04962H 90 6 | ATOSSA GENETICS INC | CALL | |

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| 04962H 95 6 | ATOSSA GENETICS INC | PUT | |
| 04963C 20 9 * | ATRICURE INC | COM | |
| 04963C 90 9 | ATRICURE INC | CALL | |
| 04963C 95 9 | ATRICURE INC | PUT | |
| 04965B 10 0 | ATOMERA INC | COM | |
| 04965G 10 9 | ATRECA INC | CL A COM | ADDED |
| 049836 12 5 | ATTIS INDS INC | *W EXP 02/10/202 | |
| 049836 20 8 | ATTIS INDS INC | COM NEW | |
| 049904 10 5 | ATRION CORP | COM | |
| 050473 10 7 | AUBURN NATL BANCORP | COM | |
| 05070R 10 4 * | AUDENTES THERAPEUTICS INC | COM | |
| 05070R 90 4 | AUDENTES THERAPEUTICS INC | CALL | |
| 05070R 95 4 | AUDENTES THERAPEUTICS INC | PUT | |
| 050734 20 1 | AUDIOEYE INC | COM NEW | |
| 05156V 10 2 * | AURINIA PHARMACEUTICALS INC | COM | |
| 05156V 90 2 | AURINIA PHARMACEUTICALS INC | CALL | |
| 05156V 95 2 | AURINIA PHARMACEUTICALS INC | PUT | |
| 05156X 10 8 * | AURORA CANNABIS INC | COM | |
| 05156X 90 8 | AURORA CANNABIS INC | CALL | |
| 05156X 95 8 | AURORA CANNABIS INC | PUT | |
| 051857 10 0 | AURORA MOBILE LTD | ADS | |
| 05208W 10 8 | AURYN RES INC | COM | |
| 052769 10 6 * | AUTODESK INC | COM | |
| 052769 90 6 | AUTODESK INC | CALL | |
| 052769 95 6 | AUTODESK INC | PUT | |
| 05278C 10 7 * | AUTOHOME INC | SP ADR RP CL A | |
| 05278C 90 7 | AUTOHOME INC | CALL | |
| 05278C 95 7 | AUTOHOME INC | PUT | |
| 05280R 10 0 | AUTOLUS THERAPEUTICS PLC | SPON ADS | |
| 052800 10 9 * | AUTOLIV INC | COM | |
| 052800 90 9 | AUTOLIV INC | CALL | |
| 052800 95 9 | AUTOLIV INC | PUT | |
| 053015 10 3 * | AUTOMATIC DATA PROCESSING IN | COM | |
| 053015 90 3 | AUTOMATIC DATA PROCESSING IN | CALL | |

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| 053015 95 3 | AUTOMATIC DATA PROCESSING IN | PUT | |
| 05329W 10 2 * | AUTONATION INC | COM | |
| 05329W 90 2 | AUTONATION INC | CALL | |
| 05329W 95 2 | AUTONATION INC | PUT | |
| 053332 10 2 * | AUTOZONE INC | COM | |
| 053332 90 2 | AUTOZONE INC | CALL | |
| 053332 95 2 | AUTOZONE INC | PUT | |
| 05335B 10 0 * | AUTOWEB INC | COM | |
| 05335B 90 0 | AUTOWEB INC | CALL | |
| 05335B 95 0 | AUTOWEB INC | PUT | |
| 05337M 10 4 * | AVADEL PHARMACEUTICALS PLC | SPONSORED ADR | |
| 05337M 90 4 | AVADEL PHARMACEUTICALS PLC | CALL | |
| 05337M 95 4 | AVADEL PHARMACEUTICALS PLC | PUT | |
| 05338G 10 6 * | AVALARA INC | COM | |
| 05338G 90 6 | AVALARA INC | CALL | |
| 05338G 95 6 | AVALARA INC | PUT | |
| 05343P 10 9 | AVALON HLDGS CORP | CL A | |
| 05344R 10 4 | AVALON GLOBOCARE CORP | COM | |
| 053484 10 1 * | AVALONBAY CMNTYS INC | COM | |
| 053484 90 1 | AVALONBAY CMNTYS INC | CALL | |
| 053484 95 1 | AVALONBAY CMNTYS INC | PUT | |
| 05350V 10 6 * | AVANOS MED INC | COM | |
| 05350V 90 6 | AVANOS MED INC | CALL | |
| 05350V 95 6 | AVANOS MED INC | PUT | |
| 05351W 10 3 * | AVANGRID INC | COM | |
| 05351W 90 3 | AVANGRID INC | CALL | |
| 05351W 95 3 | AVANGRID INC | PUT | |
| 05351X 10 1 * | AVAYA HLDGS CORP | COM | |
| 05351X 90 1 | AVAYA HLDGS CORP | CALL | |
| 05351X 95 1 | AVAYA HLDGS CORP | PUT | |
| 05352A 10 0 * | AVANTOR INC | COM | ADDED |
| 05352A 90 0 | AVANTOR INC | CALL | ADDED |
| 05352A 95 0 | AVANTOR INC | PUT | ADDED |
| 05352A 20 9 | AVANTOR INC | 6.25 PFD CNV SR | ADDED |

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| 05355N 10 9 | AVEDRO INC | COM | |
| 053588 10 9 * | AVEO PHARMACEUTICALS INC | COM | |
| 053588 90 9 | AVEO PHARMACEUTICALS INC | CALL | |
| 053588 95 9 | AVEO PHARMACEUTICALS INC | PUT | |
| 05360L 20 5 | AVENUE THERAPEUTICS INC | COM NEW | |
| 053611 10 9 * | AVERY DENNISON CORP | COM | |
| 053611 90 9 | AVERY DENNISON CORP | CALL | |
| 053611 95 9 | AVERY DENNISON CORP | PUT | |
| 05366Y 20 1 | AVIAT NETWORKS INC | COM NEW | |
| 05367G 10 0 * | AVIANCA HLDGS SA | SPON ADR REP PFD | |
| 05367G 90 0 | AVIANCA HLDGS SA | CALL | |
| 05367G 95 0 | AVIANCA HLDGS SA | PUT | |
| 05367P AB 6 | AVID TECHNOLOGY INC | NOTE 2.000% 6/1 | |
| 05367P 10 0 * | AVID TECHNOLOGY INC | COM | |
| 05367P 90 0 | AVID TECHNOLOGY INC | CALL | |
| 05367P 95 0 | AVID TECHNOLOGY INC | PUT | |
| 05368M 10 6 * | AVID BIOSERVICES INC | COM | |
| 05368M 90 6 | AVID BIOSERVICES INC | CALL | |
| 05368M 95 6 | AVID BIOSERVICES INC | PUT | |
| 053734 20 8 | AVINGER INC | COM NEW | DELETED |
| 053734 60 4 | AVINGER INC | COM | ADDED |
| 053774 10 5 * | AVIS BUDGET GROUP INC | COM | |
| 053774 90 5 | AVIS BUDGET GROUP INC | CALL | |
| 053774 95 5 | AVIS BUDGET GROUP INC | PUT | |
| 05379B 10 7 * | AVISTA CORP | COM | |
| 05379B 90 7 | AVISTA CORP | CALL | |
| 05379B 95 7 | AVISTA CORP | PUT | |
| 053807 10 3 * | AVNET INC | COM | |
| 053807 90 3 | AVNET INC | CALL | |
| 053807 95 3 | AVNET INC | PUT | |
| 053906 10 3 | AVINO SILVER & GOLD MINES LT | COM | |
| 054303 10 2 * | AVON PRODS INC | COM | |
| 054303 90 2 | AVON PRODS INC | CALL | |
| 054303 95 2 | AVON PRODS INC | PUT | |

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| 05453N 10 0 * | AWARE INC MASS | COM | |
| 05453N 90 0 | AWARE INC MASS | CALL | |
| 05453N 95 0 | AWARE INC MASS | PUT | |
| 05454B 10 5 | AXCELLA HEALTH INC | COM | ADDED |
| 054540 20 8 * | AXCELIS TECHNOLOGIES INC | COM NEW | |
| 054540 90 8 | AXCELIS TECHNOLOGIES INC | CALL | |
| 054540 95 8 | AXCELIS TECHNOLOGIES INC | PUT | |
| 05455M 10 0 | AVROBIO INC | COM | |
| 054561 10 5 * | AXA EQUITABLE HLDGS INC | COM | |
| 054561 90 5 | AXA EQUITABLE HLDGS INC | CALL | |
| 054561 95 5 | AXA EQUITABLE HLDGS INC | PUT | |
| 05463X 10 6 * | AXOGEN INC | COM | |
| 05463X 90 6 | AXOGEN INC | CALL | |
| 05463X 95 6 | AXOGEN INC | PUT | |
| 05464C 10 1 * | AXON ENTERPRISE INC | COM | |
| 05464C 90 1 | AXON ENTERPRISE INC | CALL | |
| 05464C 95 1 | AXON ENTERPRISE INC | PUT | |
| 05464T 10 4 * | AXSOME THERAPEUTICS INC | COM | |
| 05464T 90 4 | AXSOME THERAPEUTICS INC | CALL | |
| 05464T 95 4 | AXSOME THERAPEUTICS INC | PUT | |
| 05465C 10 0 * | AXOS FINL INC | COM | |
| 05465C 90 0 | AXOS FINL INC | CALL | |
| 05465C 95 0 | AXOS FINL INC | PUT | |
| 05465P 10 1 | AXONICS MODULATION TECH INC | COM | |
| 054754 70 0 | AYTU BIOSCIENCE INC | COM PAR | |
| 05491N 10 4 | BBX CAP CORP NEW | CL A | |
| 054937 10 7 * | BB&T CORP | COM | |
| 054937 90 7 | BB&T CORP | CALL | |
| 054937 95 7 | BB&T CORP | PUT | |
| 05501U 10 6 * | AZUL S A | SPONSR ADR PFD | |
| 05501U 90 6 | AZUL S A | CALL | |
| 05501U 95 6 | AZUL S A | PUT | |
| 05502L 10 5 | AZURRX BIOPHARMA INC | COM | |
| 05508R 10 6 * | B & G FOODS INC NEW | COM | |

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| 05508R 90 6 | B & G FOODS INC NEW | CALL | |
| 05508R 95 6 | B & G FOODS INC NEW | PUT | |
| 055298 10 3 * | BCB BANCORP INC | COM | |
| 055298 90 3 | BCB BANCORP INC | CALL | |
| 055298 95 3 | BCB BANCORP INC | PUT | |
| 05534B 76 0 * | BCE INC | COM NEW | |
| 05534B 90 0 | BCE INC | CALL | |
| 05534B 95 0 | BCE INC | PUT | |
| 05541T 10 1 * | BGC PARTNERS INC | CL A | |
| 05541T 90 1 | BGC PARTNERS INC | CALL | |
| 05541T 95 1 | BGC PARTNERS INC | PUT | |
| 05544A 10 9 | BG STAFFING INC | COM | |
| 05545E 20 9 * | BHP GROUP PLC | SPONSORED ADR | |
| 05545E 90 9 | BHP GROUP PLC | CALL | |
| 05545E 95 9 | BHP GROUP PLC | PUT | |
| 05550J 10 1 * | BJS WHSL CLUB HLDGS INC | COM | |
| 05550J 90 1 | BJS WHSL CLUB HLDGS INC | CALL | |
| 05550J 95 1 | BJS WHSL CLUB HLDGS INC | PUT | |
| 0556EL 10 9 * | BP MIDSTREAM PARTNERS LP | UNIT LTD PTNR | |
| 0556EL 90 9 | BP MIDSTREAM PARTNERS LP | CALL | |
| 0556EL 95 9 | BP MIDSTREAM PARTNERS LP | PUT | |
| 05561Q 20 1 * | BOK FINL CORP | COM NEW | |
| 05561Q 90 1 | BOK FINL CORP | CALL | |
| 05561Q 95 1 | BOK FINL CORP | PUT | |
| 055622 10 4 * | BP PLC | SPONSORED ADR | |
| 055622 90 4 | BP PLC | CALL | |
| 055622 95 4 | BP PLC | PUT | |
| 055630 10 7 * | BP PRUDHOE BAY RTY TR | UNIT BEN INT | |
| 055630 90 7 | BP PRUDHOE BAY RTY TR | CALL | |
| 055630 95 7 | BP PRUDHOE BAY RTY TR | PUT | |
| 055645 30 3 | BRT APARTMENTS CORP | COM | |
| 05573H 10 8 | BSB BANCORP INC MD | COM | DELETED |
| 05577E 10 1 * | BT GROUP PLC | ADR | |
| 05577E 90 1 | BT GROUP PLC | CALL | |

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| 05577E 95 1 | BT GROUP PLC | PUT | |
| 05577W 20 0 * | BRP INC | COM SUN VTG | |
| 05577W 90 0 | BRP INC | CALL | |
| 05577W 95 0 | BRP INC | PUT | |
| 05580M 10 8 * | B RILEY FINL INC | COM | |
| 05580M 90 8 | B RILEY FINL INC | CALL | |
| 05580M 95 8 | B RILEY FINL INC | PUT | |
| 05586Y 10 6 | B RILEY PRINCIPAL MERGER COR | CL A | ADDED |
| 05586Y 11 4 | B RILEY PRINCIPAL MERGER COR | *W EXP 04/08/202 | ADDED |
| 05586Y 20 5 | B RILEY PRINCIPAL MERGER COR | UNIT 99/99/9999 | ADDED |
| 05587G 10 4 | BK TECHNOLOGIES CORPORATION | COM | |
| 05588N 10 8 | BNY MELLON ALCENTRA GLOBAL C | COM | ADDED |
| 05588W 10 8 | BNY MELLON STRATEGIC MUNS IN | COM | ADDED |
| 05589T 10 4 | BNY MELLON MUN INCOME INC | COM | ADDED |
| 05591B 10 9 * | BMC STK HLDGS INC | COM | |
| 05591B 90 9 | BMC STK HLDGS INC | CALL | |
| 05591B 95 9 | BMC STK HLDGS INC | PUT | |
| 05605H 10 0 * | BWX TECHNOLOGIES INC | COM | |
| 05605H 90 0 | BWX TECHNOLOGIES INC | CALL | |
| 05605H 95 0 | BWX TECHNOLOGIES INC | PUT | |
| 05614L 10 0 * | BABCOCK & WILCOX ENTERPRIS I | COM | |
| 05614L 90 0 | BABCOCK & WILCOX ENTERPRIS I | CALL | |
| 05614L 95 0 | BABCOCK & WILCOX ENTERPRIS I | PUT | |
| 056525 10 8 * | BADGER METER INC | COM | |
| 056525 90 8 | BADGER METER INC | CALL | |
| 056525 95 8 | BADGER METER INC | PUT | |
| 056752 10 8 * | BAIDU INC | SPON ADR REP A | |
| 056752 90 8 | BAIDU INC | CALL | |
| 056752 95 8 | BAIDU INC | PUT | |
| 05684B 10 7 | BAIN CAP SPECIALTY FIN INC | COM | |
| 05722G 10 0 * | BAKER HUGHES A GE CO | CL A | |
| 05722G 90 0 | BAKER HUGHES A GE CO | CALL | |
| 05722G 95 0 | BAKER HUGHES A GE CO | PUT | |
| 057665 20 0 * | BALCHEM CORP | COM | |

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| 057665 90 0 | BALCHEM CORP | CALL | |
| 057665 95 0 | BALCHEM CORP | PUT | |
| 058498 10 6 * | BALL CORP | COM | |
| 058498 90 6 | BALL CORP | CALL | |
| 058498 95 6 | BALL CORP | PUT | |
| 058516 10 5 * | BALLANTYNE STRONG INC | COM | |
| 058516 90 5 | BALLANTYNE STRONG INC | CALL | |
| 058516 95 5 | BALLANTYNE STRONG INC | PUT | |
| 058586 10 8 * | BALLARD PWR SYS INC NEW | COM | |
| 058586 90 8 | BALLARD PWR SYS INC NEW | CALL | |
| 058586 95 8 | BALLARD PWR SYS INC NEW | PUT | |
| 05945F 10 3 | BANCFIRST CORP | COM | |
| 05946K 10 1 * | BANCO BILBAO VIZCAYA ARGENTA | SPONSORED ADR | |
| 05946K 90 1 | BANCO BILBAO VIZCAYA ARGENTA | CALL | |
| 05946K 95 1 | BANCO BILBAO VIZCAYA ARGENTA | PUT | |
| 059460 30 3 * | BANCO BRADESCO S A | SP ADR PFD NEW | |
| 059460 90 3 | BANCO BRADESCO S A | CALL | |
| 059460 95 3 | BANCO BRADESCO S A | PUT | |
| 059460 40 2 | BANCO BRADESCO S A | SPONSORED ADR | |
| 059520 10 6 | BANCO DE CHILE | SPONSORED ADS | |
| 05961W 10 5 * | BANCO MACRO SA | SPON ADR B | |
| 05961W 90 5 | BANCO MACRO SA | CALL | |
| 05961W 95 5 | BANCO MACRO SA | PUT | |
| 05964H 10 5 * | BANCO SANTANDER SA | ADR | |
| 05964H 90 5 | BANCO SANTANDER SA | CALL | |
| 05964H 95 5 | BANCO SANTANDER SA | PUT | |
| 05965X 10 9 * | BANCO SANTANDER CHILE NEW | SP ADR REP COM | |
| 05965X 90 9 | BANCO SANTANDER CHILE NEW | CALL | |
| 05965X 95 9 | BANCO SANTANDER CHILE NEW | PUT | |
| 05967A 10 7 * | BANCO SANTANDER BRASIL S A | ADS REP 1 UNIT | |
| 05967A 90 7 | BANCO SANTANDER BRASIL S A | CALL | |
| 05967A 95 7 | BANCO SANTANDER BRASIL S A | PUT | |
| 05968L 10 2 * | BANCOLOMBIA S A | SPON ADR PREF | |
| 05968L 90 2 | BANCOLOMBIA S A | CALL | |

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| 05968L 95 2 | BANCOLOMBIA S A | PUT | |
| 05969A 10 5 * | BANCORP INC DEL | COM | |
| 05969A 90 5 | BANCORP INC DEL | CALL | |
| 05969A 95 5 | BANCORP INC DEL | PUT | |
| 05969B 10 3 * | BANCO SANTANDER MEXICO S A | SPONSORED ADS B | |
| 05969B 90 3 | BANCO SANTANDER MEXICO S A | CALL | |
| 05969B 95 3 | BANCO SANTANDER MEXICO S A | PUT | |
| 059695 10 6 | BANCROFT FUND LTD | COM | |
| 05970V 10 6 | BANCORP 34 INC | COM | |
| 05971J 10 2 * | BANCORPSOUTH BK TUPELO MISS | COM | |
| 05971J 90 2 | BANCORPSOUTH BK TUPELO MISS | CALL | |
| 05971J 95 2 | BANCORPSOUTH BK TUPELO MISS | PUT | |
| 05988J 10 3 * | BANDWIDTH INC | COM CL A | |
| 05988J 90 3 | BANDWIDTH INC | CALL | |
| 05988J 95 3 | BANDWIDTH INC | PUT | |
| 05990K 10 6 * | BANC OF CALIFORNIA INC | COM | |
| 05990K 90 6 | BANC OF CALIFORNIA INC | CALL | |
| 05990K 95 6 | BANC OF CALIFORNIA INC | PUT | |
| 059915 10 8 | BANCORP NEW JERSEY INC NEW | COM | |
| 060505 10 4 * | BANK AMER CORP | COM | |
| 060505 90 4 | BANK AMER CORP | CALL | |
| 060505 95 4 | BANK AMER CORP | PUT | |
| 060505 68 2 | BANK AMER CORP | 7.25%CNV PFD L | |
| 06211J 10 0 | BANK FIRST NATL CORP | COM | |
| 062540 10 9 * | BANK HAWAII CORP | COM | |
| 062540 90 9 | BANK HAWAII CORP | CALL | |
| 062540 95 9 | BANK HAWAII CORP | PUT | |
| 063425 10 2 | BANK OF MARIN BANCORP | COM | |
| 063671 10 1 * | BANK MONTREAL QUE | COM | |
| 063671 90 1 | BANK MONTREAL QUE | CALL | |
| 063671 95 1 | BANK MONTREAL QUE | PUT | |
| 063679 10 4 | BANK OF MONTREAL | DORSEY WRGHT MLP | |
| 063679 72 4 | BANK OF MONTREAL | BIG OIL INDX 3X | ADDED |
| 063679 73 2 | BANK OF MONTREAL | BIG OIL INDX 2X | ADDED |

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|-----------------|---------------------------|---------------------------|---------------|
| 063679 74 0 | BANK OF MONTREAL | BIG OIL IDX IN | ADDED |
| 063679 75 7 | BANK OF MONTREAL | BIG OIL 2X LEV | ADDED |
| 063679 76 5 | BANK OF MONTREAL | MCROSECTR INVR | ADDED |
| 063679 77 3 | BANK OF MONTREAL | MCROSECTR 2XINVR | ADDED |
| 063679 78 1 | BANK OF MONTREAL | MCROSECTR 3XINVR | ADDED |
| 063679 79 9 | BANK OF MONTREAL | MICROSECTR 2X LVG | ADDED |
| 063679 81 5 | BANK OF MONTREAL | BIG OIL 3X LEV | ADDED |
| 063679 82 3 | BANK OF MONTREAL | MICROSECTR 3X LVG | ADDED |
| 063679 83 1 | BANK OF MONTREAL | INVERSE ETN | |
| 063679 84 9 | BANK OF MONTREAL | 2X INVERSE LEV | |
| 063679 85 6 | BANK OF MONTREAL | 2X LEVERAGED | |
| 063679 86 4 | BANK OF MONTREAL | MICROSECTRS 3X | |
| 063679 87 2 | BANK OF MONTREAL | MICROSECTRS IDX | |
| 064058 10 0 * | BANK NEW YORK MELLON CORP | COM | |
| 064058 90 0 | BANK NEW YORK MELLON CORP | CALL | |
| 064058 95 0 | BANK NEW YORK MELLON CORP | PUT | |
| 064149 10 7 * | BANK N S HALIFAX | COM | |
| 064149 90 7 | BANK N S HALIFAX | CALL | |
| 064149 95 7 | BANK N S HALIFAX | PUT | |
| 06417N 10 3 * | BANK OZK | COM | |
| 06417N 90 3 | BANK OZK | CALL | |
| 06417N 95 3 | BANK OZK | PUT | |
| 06424J 10 3 * | BANK COMM HLDGS | COM | |
| 06424J 90 3 | BANK COMM HLDGS | CALL | |
| 06424J 95 3 | BANK COMM HLDGS | PUT | |
| 064520 10 9 | BANK PRINCETON NEW JERSEY | COM | |
| 065066 10 2 | BANK SOUTH CAROLINA CORP | COM | |
| 06643P 10 4 * | BANKFINANCIAL CORP | COM | |
| 06643P 90 4 | BANKFINANCIAL CORP | CALL | |
| 06643P 95 4 | BANKFINANCIAL CORP | PUT | |
| 06652K 10 3 * | BANKUNITED INC | COM | |
| 06652K 90 3 | BANKUNITED INC | CALL | |
| 06652K 95 3 | BANKUNITED INC | PUT | |
| 06652N 10 7 | BANK7 CORP | COM | |

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| 06652V 20 8 * | BANNER CORP | COM NEW | |
| 06652V 90 8 | BANNER CORP | CALL | |
| 06652V 95 8 | BANNER CORP | PUT | |
| 06654A 10 3 | BANKWELL FINL GROUP INC | COM | |
| 06684L 10 3 * | BAOZUN INC | SPONSORED ADR | |
| 06684L 90 3 | BAOZUN INC | CALL | |
| 06684L 95 3 | BAOZUN INC | PUT | |
| 066849 10 0 | BAR HBR BANKSHARES | COM | |
| 06738C 77 8 * | BARCLAYS BK PLC | DJUBS CMDT ETN36 | |
| 06738C 90 8 | BARCLAYS BK PLC | CALL | |
| 06738C 95 8 | BARCLAYS BK PLC | PUT | |
| 06738C 79 4 | BARCLAYS BK PLC | IPSPGS TTL ETN | |
| 06738E 20 4 * | BARCLAYS PLC | ADR | |
| 06738E 90 4 | BARCLAYS PLC | CALL | |
| 06738E 95 4 | BARCLAYS PLC | PUT | |
| 06739F JQ 5 | BARCLAYS BK PLC | MTNF 10/3 | |
| 06739H 26 3 | BARCLAYS BANK PLC | ETN DJUBSLEAD 38 | |
| 06739H 31 3 * | BARCLAYS BANK PLC | ETN DJUBSCOCO 38 | |
| 06739H 90 3 | BARCLAYS BANK PLC | CALL | |
| 06739H 95 3 | BARCLAYS BANK PLC | PUT | |
| 06740C 33 7 | BARCLAYS BK PLC | S&P 500 VEQTOR | |
| 06740D 83 0 | BARCLAYS BK PLC | RTRN DISABILIT | |
| 06740L 44 4 | BARCLAYS BK PLC | 30 YR TREAS BEAR | |
| 06740L 45 1 | BARCLAYS BK PLC | 10 YR TREAS BEAR | |
| 06740L 46 9 | BARCLAYS BK PLC | 2 YR TREAS BULL | |
| 06740L 47 7 | BARCLAYS BK PLC | US TRES STEEP | |
| 06740L 48 5 | BARCLAYS BK PLC | US TRES FLATT | |
| 06740L 49 3 | BARCLAYS BK PLC | 10 YR TREAS BULL | |
| 06740L 51 9 | BARCLAYS BK PLC | 2 YR TREAS BEAR | |
| 06740P 11 4 | BARCLAYS BK PLC | IPTH PURE BRD | |
| 06740P 22 1 | BARCLAYS BK PLC | IPTH CRUDE OIL | |
| 06740P 64 3 | BARCLAYS BK PLC | TRES 5YR BEAR | |
| 06740P 65 0 | BARCLAYS BK PLC | TRES 5YR BULL | |
| 06741J 7V 5 | BARCLAYS BANK PLC | MTNF 9/2 | |

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| 06741L 60 9 | BARCLAYS BK PLC | IPATH DYNM VIX | |
| 06742A 66 9 | BARCLAYS BK PLC | BARC ETN+SHILL | |
| 06742A 75 0 * | BARCLAYS BK PLC | IPATH S&P MLP | |
| 06742A 90 0 | BARCLAYS BK PLC | CALL | |
| 06742A 95 0 | BARCLAYS BK PLC | PUT | |
| 06742C 72 3 | BARCLAYS BK PLC | ETN SEL MLP | |
| 06742W 43 0 | BARCLAYS BK PLC | LKD PERF BCLY | |
| 06742W 57 0 | BARCLAYS BK PLC | INVERSE US TREAS | |
| 06744M 83 6 | BARCLAYS BK PLC | NT LKD SER B26 | |
| 06745R 69 3 * | BARCLAYS BK PLC | IPATH SER B GSCI | |
| 06745R 90 3 | BARCLAYS BK PLC | CALL | |
| 06745R 95 3 | BARCLAYS BK PLC | PUT | |
| 06745T 36 8 | BARCLAYS BK PLC | IPATH B BG ETN | |
| 06746P 43 1 | BARCLAYS BK PLC | IPATH B TIN SUB | |
| 06746P 44 9 * | BARCLAYS BK PLC | IPATH B SUGR SUB | |
| 06746P 90 9 | BARCLAYS BK PLC | CALL | |
| 06746P 95 9 | BARCLAYS BK PLC | PUT | |
| 06746P 45 6 | BARCLAYS BK PLC | IPATH B SFTS SUB | |
| 06746P 46 4 | BARCLAYS BK PLC | IPATH B PRECIOUS | |
| 06746P 47 2 | BARCLAYS BK PLC | IPATH B PLATINUM | |
| 06746P 48 0 | BARCLAYS BK PLC | IPATH B NICKEL | |
| 06746P 49 8 * | BARCLAYS BK PLC | IPATH B LIVESTCK | |
| 06746P 90 8 | BARCLAYS BK PLC | CALL | |
| 06746P 95 8 | BARCLAYS BK PLC | PUT | |
| 06746P 51 4 | BARCLAYS BK PLC | IPATH B INDL MTL | |
| 06746P 52 2 * | BARCLAYS BK PLC | IPATH B GRAINS | |
| 06746P 90 2 | BARCLAYS BK PLC | CALL | |
| 06746P 95 2 | BARCLAYS BK PLC | PUT | |
| 06746P 53 0 | BARCLAYS BK PLC | IPATH B ENERGY | |
| 06746P 54 8 * | BARCLAYS BK PLC | IPATH B COTTON | |
| 06746P 90 8 | BARCLAYS BK PLC | CALL | |
| 06746P 95 8 | BARCLAYS BK PLC | PUT | |
| 06746P 55 5 * | BARCLAYS BK PLC | IPATH B COPPER | |
| 06746P 90 5 | BARCLAYS BK PLC | CALL | |

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|-----------------|------------------------------|---------------------------|---------------|
| 06746P 95 5 | BARCLAYS BK PLC | PUT | |
| 06746P 56 3 * | BARCLAYS BK PLC | IPATH B COFFEE | |
| 06746P 90 3 | BARCLAYS BK PLC | CALL | |
| 06746P 95 3 | BARCLAYS BK PLC | PUT | |
| 06746P 57 1 | BARCLAYS BK PLC | IPATH B ALUMI | |
| 06746P 58 9 | BARCLAYS BK PLC | IPATH B AGRICULTR | |
| 06746P 61 3 * | BARCLAYS BK PLC | IPATH B MID TRM | |
| 06746P 90 3 | BARCLAYS BK PLC | CALL | |
| 06746P 95 3 | BARCLAYS BK PLC | PUT | |
| 06746P 62 1 * | BARCLAYS BK PLC | IPATH B SHRT TRM | |
| 06746P 90 1 | BARCLAYS BK PLC | CALL | |
| 06746P 95 1 | BARCLAYS BK PLC | PUT | |
| 06746Q 24 9 | BARCLAYS BK PLC | ENHANCED GBLB B | |
| 06746Q 25 6 | BARCLAYS BK PLC | ENHANCED EURP C | |
| 06759L 10 3 * | BARINGS BDC INC | COM | |
| 06759L 90 3 | BARINGS BDC INC | CALL | |
| 06759L 95 3 | BARINGS BDC INC | PUT | |
| 06759X 10 7 | BARINGS CORPORATE INVS | COM | |
| 06760L 10 0 | BARINGS GLOBAL SHORT DURATIO | COM | |
| 06761A 10 3 | BARINGS PARTN INVS | SH BEN INT | |
| 06777U 10 1 * | BARNES & NOBLE ED INC | COM | |
| 06777U 90 1 | BARNES & NOBLE ED INC | CALL | |
| 06777U 95 1 | BARNES & NOBLE ED INC | PUT | |
| 067774 10 9 * | BARNES & NOBLE INC | COM | |
| 067774 90 9 | BARNES & NOBLE INC | CALL | |
| 067774 95 9 | BARNES & NOBLE INC | PUT | |
| 067806 10 9 * | BARNES GROUP INC | COM | |
| 067806 90 9 | BARNES GROUP INC | CALL | |
| 067806 95 9 | BARNES GROUP INC | PUT | |
| 067901 10 8 * | BARRICK GOLD CORPORATION | COM | |
| 067901 90 8 | BARRICK GOLD CORPORATION | CALL | |
| 067901 95 8 | BARRICK GOLD CORPORATION | PUT | |
| 068221 10 0 | BARNWELL INDS INC | COM | |
| 068463 10 8 * | BARRETT BUSINESS SERVICES IN | COM | |

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|---------------|------------------------------|--------------------|--------|
| 068463 90 8 | BARRETT BUSINESS SERVICES IN | CALL | |
| 068463 95 8 | BARRETT BUSINESS SERVICES IN | PUT | |
| 06985P 20 9 * | BASIC ENERGY SVCS INC NEW | COM NEW | |
| 06985P 90 9 | BASIC ENERGY SVCS INC NEW | CALL | |
| 06985P 95 9 | BASIC ENERGY SVCS INC NEW | PUT | |
| 070203 10 4 * | BASSETT FURNITURE INDS INC | COM | |
| 070203 90 4 | BASSETT FURNITURE INDS INC | CALL | |
| 070203 95 4 | BASSETT FURNITURE INDS INC | PUT | |
| 07039P 10 4 | BAT GROUP INC | COM | ADDED |
| 071734 10 7 * | BAUSCH HEALTH COS INC | COM | |
| 071734 90 7 | BAUSCH HEALTH COS INC | CALL | |
| 071734 95 7 | BAUSCH HEALTH COS INC | PUT | |
| 071813 10 9 * | BAXTER INTL INC | COM | |
| 071813 90 9 | BAXTER INTL INC | CALL | |
| 071813 95 9 | BAXTER INTL INC | PUT | |
| 07272M 10 7 | BAYCOM CORP | COM | |
| 07317Q 10 5 * | BAYTEX ENERGY CORP | COM | |
| 07317Q 90 5 | BAYTEX ENERGY CORP | CALL | |
| 07317Q 95 5 | BAYTEX ENERGY CORP | PUT | |
| 07329M 10 0 * | BBVA BANCO FRANCES S A | SPONSORED ADR | |
| 07329M 90 0 | BBVA BANCO FRANCES S A | CALL | |
| 07329M 95 0 | BBVA BANCO FRANCES S A | PUT | |
| 073685 10 9 * | BEACON ROOFING SUPPLY INC | COM | |
| 073685 90 9 | BEACON ROOFING SUPPLY INC | CALL | |
| 073685 95 9 | BEACON ROOFING SUPPLY INC | PUT | |
| 074014 10 1 | BEASLEY BROADCAST GROUP INC | CL A | |
| 07556Q 88 1 * | BEAZER HOMES USA INC | COM NEW | |
| 07556Q 90 1 | BEAZER HOMES USA INC | CALL | |
| 07556Q 95 1 | BEAZER HOMES USA INC | PUT | |
| 075887 10 9 * | BECTON DICKINSON & CO | COM | |
| 075887 90 9 | BECTON DICKINSON & CO | CALL | |
| 075887 95 9 | BECTON DICKINSON & CO | PUT | |
| 075887 20 8 | BECTON DICKINSON & CO | PFD SHS CONV A | |
| 075896 10 0 * | BED BATH & BEYOND INC | COM | |

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|---------------|------------------------------|--------------------|---------|
| 075896 90 0 | BED BATH & BEYOND INC | CALL | |
| 075896 95 0 | BED BATH & BEYOND INC | PUT | |
| 07725L 10 2 * | BEIGENE LTD | SPONSORED ADR | |
| 07725L 90 2 | BEIGENE LTD | CALL | |
| 07725L 95 2 | BEIGENE LTD | PUT | |
| 077347 20 1 | BEL FUSE INC | CL A | |
| 077347 30 0 * | BEL FUSE INC | CL B | |
| 077347 90 0 | BEL FUSE INC | CALL | |
| 077347 95 0 | BEL FUSE INC | PUT | |
| 077454 10 6 * | BELDEN INC | COM | |
| 077454 90 6 | BELDEN INC | CALL | |
| 077454 95 6 | BELDEN INC | PUT | |
| 078771 10 2 | BELLEROPHON THERAPEUTICS INC | COM | |
| 079481 10 7 * | BELLICUM PHARMACEUTICALS INC | COM | |
| 079481 90 7 | BELLICUM PHARMACEUTICALS INC | CALL | |
| 079481 95 7 | BELLICUM PHARMACEUTICALS INC | PUT | |
| 081437 10 5 * | BEMIS CO INC | COM | DELETED |
| 081437 90 5 | BEMIS CO INC | CALL | DELETED |
| 081437 95 5 | BEMIS CO INC | PUT | DELETED |
| 08160H 10 1 * | BENCHMARK ELECTRS INC | COM | |
| 08160H 90 1 | BENCHMARK ELECTRS INC | CALL | |
| 08160H 95 1 | BENCHMARK ELECTRS INC | PUT | |
| 08180D 10 6 * | BENEFITFOCUS INC | COM | |
| 08180D 90 6 | BENEFITFOCUS INC | CALL | |
| 08180D 95 6 | BENEFITFOCUS INC | PUT | |
| 082053 11 7 | BENITEC BIOPHARMA LTD | *W EXP 08/14/202 | |
| 082053 30 7 | BENITEC BIOPHARMA LTD | SPONS ADR NEW | |
| 084423 10 2 * | BERKLEY W R CORP | COM | |
| 084423 90 2 | BERKLEY W R CORP | CALL | |
| 084423 95 2 | BERKLEY W R CORP | PUT | |
| 084670 10 8 | BERKSHIRE HATHAWAY INC DEL | CL A | |
| 084670 70 2 * | BERKSHIRE HATHAWAY INC DEL | CL B NEW | |
| 084670 90 2 | BERKSHIRE HATHAWAY INC DEL | CALL | |
| 084670 95 2 | BERKSHIRE HATHAWAY INC DEL | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 084680 10 7 * | BERKSHIRE HILLS BANCORP INC | COM | |
| 084680 90 7 | BERKSHIRE HILLS BANCORP INC | CALL | |
| 084680 95 7 | BERKSHIRE HILLS BANCORP INC | PUT | |
| 08579W 10 3 * | BERRY GLOBAL GROUP INC | COM | |
| 08579W 90 3 | BERRY GLOBAL GROUP INC | CALL | |
| 08579W 95 3 | BERRY GLOBAL GROUP INC | PUT | |
| 08579X 10 1 * | BERRY PETE CORP | COM | |
| 08579X 90 1 | BERRY PETE CORP | CALL | |
| 08579X 95 1 | BERRY PETE CORP | PUT | |
| 086516 10 1 * | BEST BUY INC | COM | |
| 086516 90 1 | BEST BUY INC | CALL | |
| 086516 95 1 | BEST BUY INC | PUT | |
| 08653C 10 6 * | BEST INC | SPONSORED ADS | |
| 08653C 90 6 | BEST INC | CALL | |
| 08653C 95 6 | BEST INC | PUT | |
| 088606 10 8 * | BHP GROUP LTD | SPONSORED ADS | |
| 088606 90 8 | BHP GROUP LTD | CALL | |
| 088606 95 8 | BHP GROUP LTD | PUT | |
| 08862E 10 9 * | BEYOND MEAT INC | COM | ADDED |
| 08862E 90 9 | BEYOND MEAT INC | CALL | ADDED |
| 08862E 95 9 | BEYOND MEAT INC | PUT | ADDED |
| 088786 10 8 | BICYCLE THERAPEUTICS PLC | SPONSORED ADS | ADDED |
| 08915P 10 1 * | BIG 5 SPORTING GOODS CORP | COM | |
| 08915P 90 1 | BIG 5 SPORTING GOODS CORP | CALL | |
| 08915P 95 1 | BIG 5 SPORTING GOODS CORP | PUT | |
| 089302 10 3 * | BIG LOTS INC | COM | |
| 089302 90 3 | BIG LOTS INC | CALL | |
| 089302 95 3 | BIG LOTS INC | PUT | |
| 089482 10 3 | BIG ROCK PARTNERS ACQUISI CO | COM | |
| 089482 11 1 | BIG ROCK PARTNERS ACQUISI CO | *W EXP 12/01/2022 | |
| 089482 12 9 | BIG ROCK PARTNERS ACQUISI CO | RIGHT 12/01/2022 | |
| 089482 20 2 | BIG ROCK PARTNERS ACQUISI CO | UNIT 11/20/2022 | |
| 08986R 30 9 | BIGLARI HLDGS INC | COM STK CL B | |
| 08986R 40 8 | BIGLARI HLDGS INC | COM STK CL A | |

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| 090040 10 6 * | BILIBILI INC | SPONS ADS REP Z | |
| 090040 90 6 | BILIBILI INC | CALL | |
| 090040 95 6 | BILIBILI INC | PUT | |
| 09057N 30 0 | BIO PATH HOLDINGS INC | COM | |
| 090572 10 8 | BIO RAD LABS INC | CL B | |
| 090572 20 7 * | BIO RAD LABS INC | CL A | |
| 090572 90 7 | BIO RAD LABS INC | CALL | |
| 090572 95 7 | BIO RAD LABS INC | PUT | |
| 09058M 10 3 | BIOANALYTICAL SYS INC | COM | |
| 09058V 10 3 * | BIOCRIST PHARMACEUTICALS | COM | |
| 09058V 90 3 | BIOCRIST PHARMACEUTICALS | CALL | |
| 09058V 95 3 | BIOCRIST PHARMACEUTICALS | PUT | |
| 09060C 30 9 | BIO-KEY INTERNATIONAL INC | COM PAR | |
| 09060J 10 6 * | BIODELIVERY SCIENCES INTL IN | COM | |
| 09060J 90 6 | BIODELIVERY SCIENCES INTL IN | CALL | |
| 09060J 95 6 | BIODELIVERY SCIENCES INTL IN | PUT | |
| 09061G AF 8 | BIOMARIN PHARMACEUTICAL INC | NOTE 1.500%10/1 | |
| 09061G AH 4 | BIOMARIN PHARMACEUTICAL INC | NOTE 0.599% 8/0 | |
| 09061G 10 1 * | BIOMARIN PHARMACEUTICAL INC | COM | |
| 09061G 90 1 | BIOMARIN PHARMACEUTICAL INC | CALL | |
| 09061G 95 1 | BIOMARIN PHARMACEUTICAL INC | PUT | |
| 09061H 30 7 | BIOMERICA INC | COM NEW | |
| 09062W 20 4 * | BIOLIFE SOLUTIONS INC | COM NEW | |
| 09062W 90 4 | BIOLIFE SOLUTIONS INC | CALL | |
| 09062W 95 4 | BIOLIFE SOLUTIONS INC | PUT | |
| 09062X 10 3 * | BIOGEN INC | COM | |
| 09062X 90 3 | BIOGEN INC | CALL | |
| 09062X 95 3 | BIOGEN INC | PUT | |
| 09066L 10 5 * | BIOTIME INC | COM | |
| 09066L 90 5 | BIOTIME INC | CALL | |
| 09066L 95 5 | BIOTIME INC | PUT | |
| 090672 10 6 * | BIOTELEMETRY INC | COM | |
| 090672 90 6 | BIOTELEMETRY INC | CALL | |
| 090672 95 6 | BIOTELEMETRY INC | PUT | |

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| 09069N 10 8 * | BIOSCRIP INC | COM | |
| 09069N 90 8 | BIOSCRIP INC | CALL | |
| 09069N 95 8 | BIOSCRIP INC | PUT | |
| 09071M 10 6 | BIOLINERX LTD | SPONSORED ADS | |
| 09072V 40 2 * | BIOCEPT INC | COM PAR | |
| 09072V 90 2 | BIOCEPT INC | CALL | |
| 09072V 95 2 | BIOCEPT INC | PUT | |
| 09072X 10 1 | BIOPHARMX CORP | COM | DELETED |
| 09072X 30 9 | BIOPHARMX CORP | COM NEW | ADDED |
| 09073M 10 4 * | BIO TECHNE CORP | COM | |
| 09073M 90 4 | BIO TECHNE CORP | CALL | |
| 09073M 95 4 | BIO TECHNE CORP | PUT | |
| 09073N 20 1 * | BIOSIG TECH INC | COM NEW | |
| 09073N 90 1 | BIOSIG TECH INC | CALL | |
| 09073N 95 1 | BIOSIG TECH INC | PUT | |
| 09073Q 10 5 | BIONDVAX PHARMACEUTICALS LTD | SPOND ADS | |
| 09073Q 11 3 | BIONDVAX PHARMACEUTICALS LTD | *W EXP 05/15/202 | |
| 09074B 10 7 | BIOHITECH GLOBAL INC | COM | |
| 09075F 10 7 | BIONANO GENOMICS INC | COM | |
| 09075F 11 5 | BIONANO GENOMICS INC | *W EXP 08/21/202 | |
| 09075G 10 5 | BIOFRONTERA AG | SPONSORED ADS | |
| 09075P 10 5 | BIOXCEL THERAPEUTICS INC | COM | |
| 09088U 10 9 | BIRKS GROUP INC | CL A COM | |
| 090911 20 7 | BIOLASE INC | COM NEW | |
| 090931 10 6 | BIOSPECIFICS TECHNOLOGIES CO | COM | |
| 091727 10 7 * | BITAUTO HLDGS LTD | SPONSORED ADS | |
| 091727 90 7 | BITAUTO HLDGS LTD | CALL | |
| 091727 95 7 | BITAUTO HLDGS LTD | PUT | |
| 09180C 10 6 * | BJS RESTAURANTS INC | COM | |
| 09180C 90 6 | BJS RESTAURANTS INC | CALL | |
| 09180C 95 6 | BJS RESTAURANTS INC | PUT | |
| 091941 10 4 | BLACKROCK FLOATING RATE INCO | COM | |
| 092113 10 9 * | BLACK HILLS CORP | COM | |
| 092113 90 9 | BLACK HILLS CORP | CALL | |

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|---------------|-------------------------------|--------------------|--------|
| 092113 95 9 | BLACK HILLS CORP | PUT | |
| 09215C 10 5 * | BLACK KNIGHT INC | COM | |
| 09215C 90 5 | BLACK KNIGHT INC | CALL | |
| 09215C 95 5 | BLACK KNIGHT INC | PUT | |
| 09216T 10 7 | BLACK RIDGE ACQUISITION CORP | COM | |
| 09216T 11 5 | BLACK RIDGE ACQUISITION CORP | *W EXP 07/10/202 | |
| 09216T 12 3 | BLACK RIDGE ACQUISITION CORP | RIGHT 07/10/2019 | |
| 09216T 20 6 | BLACK RIDGE ACQUISITION CORP | UNIT 10/05/2022 | |
| 09225M 10 1 * | BLACK STONE MINERALS L P | COM UNIT | |
| 09225M 90 1 | BLACK STONE MINERALS L P | CALL | |
| 09225M 95 1 | BLACK STONE MINERALS L P | PUT | |
| 09227Q 10 0 * | BLACKBAUD INC | COM | |
| 09227Q 90 0 | BLACKBAUD INC | CALL | |
| 09227Q 95 0 | BLACKBAUD INC | PUT | |
| 09228F AF 0 | BLACKBERRY LTD | DBCV 3.750%11/1 | |
| 09228F 10 3 * | BLACKBERRY LTD | COM | |
| 09228F 90 3 | BLACKBERRY LTD | CALL | |
| 09228F 95 3 | BLACKBERRY LTD | PUT | |
| 09239B 10 9 * | BLACKLINE INC | COM | |
| 09239B 90 9 | BLACKLINE INC | CALL | |
| 09239B 95 9 | BLACKLINE INC | PUT | |
| 09247D 10 5 | BLACKROCK INVT QUALITY MUN T | COM | |
| 09247F 10 0 | BLACKROCK INCOME TR INC | COM | |
| 09247X 10 1 * | BLACKROCK INC | COM | |
| 09247X 90 1 | BLACKROCK INC | CALL | |
| 09247X 95 1 | BLACKROCK INC | PUT | |
| 092479 10 4 | BLACKROCK MUNICIPL INC QLTY | COM | |
| 09248D 10 4 | BLACKROCK UTILITIES INFRSTRC | COM | |
| 09248E 10 2 | BLACKROCK CALIF MUN INCOME T | SH BEN INT | |
| 09248F 10 9 | BLACKROCK MUN INCOME TR | SH BEN INT | |
| 09248H 10 5 | BLACKROCK MUNIC INCM INVST T | SH BEN INT | |
| 09248L 10 6 | BLACKROCK N Y MUN INCOME TR | SH BEN INT | |
| 09248T 10 9 | BLACKROCK STRATEGIC MUN TR | COM | |
| 09248X 10 0 | BLACKROCK TAX MUNICIPAL BD TR | SHS | |

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| 092481 10 0 | BLACKROCK VA MUNICIPAL BOND | COM | |
| 09249E 10 1 | BLACKROCK CORE BD TR | SHS BEN INT | |
| 09249H 10 4 | BLACKROCK MUNICIPAL BOND TR | COM | |
| 09249L 10 5 | BLACKROCK MD MUNICIPAL BOND | COM | |
| 09249N 10 1 | BLACKROCK MUNI INCOME TR II | COM | |
| 09249P 10 6 | BLACKROCK NY MUNICIPAL BOND | COM | |
| 09249R 10 2 | BLACKROCK NY MUN INCOME TR I | COM | |
| 09249U 10 5 | BLACKROCK NY MUNI INC QLTY T | COM | |
| 09249W 10 1 | BLACKROCK LTD DURATION INC T | COM SHS | |
| 09249X 10 9 | BLACKROCK MUN 2020 TERM TR | COM SHS | |
| 09250B 10 3 | BLACKROCK LONG-TERM MUNI ADV | COM | |
| 09250G 10 2 | BLACKROCK MUNI INCOME INV QL | COM | |
| 09250M 10 9 | BLACKROCK FLA MUN 2020 TERM | COM SHS | |
| 09250U 10 1 | BLACKROCK ENERGY & RES TR | COM | |
| 09250W 10 7 | BLACKROCK HEALTH SCIENCES TR | COM | |
| 092501 10 5 | BLACKROCK ENHANCED GBL DIV T | COM | |
| 092508 10 0 | BLACKROCK CR ALLCTN INC TR | COM | |
| 09251A 10 4 | BLACKROCK ENHANCED EQT DIV T | COM | |
| 092524 10 7 | BLACKROCK ENHANCED INTL DIV | COM BENE INTER | |
| 09253N 10 4 | BLACKROCK MUNIHOLDINGS FD IN | COM | |
| 09253P 10 9 | BLACKROCK MUNIHLDGS FD II IN | COM | |
| 09253R 10 5 | BLACKROCK MUNIVEST FD INC | COM | |
| 09253T 10 1 | BLACKROCK MUNIVEST FD II INC | COM | |
| 09253U 10 8 * | BLACKSTONE GROUP L P | COM UNIT LTD | |
| 09253U 90 8 | BLACKSTONE GROUP L P | CALL | |
| 09253U 95 8 | BLACKSTONE GROUP L P | PUT | |
| 09253W 10 4 | BLACKROCK MUNIYIELD FD INC | COM | |
| 09253X 10 2 | BLACKROCK MUNI INTER DR FD I | COM | |
| 09253Y 10 0 | BLACKROCK MUNIENHANCED FD IN | COM | |
| 092533 AC 2 | BLACKROCK CAPITAL INVESTMENT | NOTE 5.000% 6/1 | |
| 092533 10 8 * | BLACKROCK CAPITAL INVESTMENT | COM | |
| 092533 90 8 | BLACKROCK CAPITAL INVESTMENT | CALL | |
| 092533 95 8 | BLACKROCK CAPITAL INVESTMENT | PUT | |
| 09254A 10 1 | BLACKROCK MUNIHOLDNGS QLTY I | COM | |

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| 09254C 10 7 | BLACKROCK MUNIHLDN GS QLT Y II | COM | |
| 09254E 10 3 | BLACKROCK MUNIYIELD QLT Y FD | COM | |
| 09254F 10 0 | BLACKROCK MUNIYIELD QUALITY | COM | |
| 09254G 10 8 | BLACKROCK MUNIY QUALITY FD I | COM | |
| 09254J 10 2 | BLACKROCK MUNIASSETS FD INC | COM | |
| 09254K 10 9 | BLACKROCK MUNIYIELD ARIZ FD | COM | |
| 09254L 10 7 | BLACKROCK MUNIHLDN GS CALI QL | COM | |
| 09254M 10 5 | BLACKROCK MUNIYIELD CALIF FD | COM | |
| 09254N 10 3 | BLACKROCK MUNIYIELD CALI QLT | COM | |
| 09254P 10 8 | BLACKROCK MUNIHLDS INVSTM QL | COM | |
| 09254R 10 4 | BLACKROCK MUNIYIELD INVST FD | COM | |
| 09254T 10 0 | BLACKROCK MUNIYLD INVST QLT Y | COM | |
| 09254V 10 5 | BLACKROCK MUNIYLD MICH QLT Y | COM | |
| 09254X 10 1 | BLACKROCK MUNIHLDN GS NJ QLT Y | COM | |
| 09254Y 10 9 | BLACKROCK MUNIYIELD N J FD I | COM | |
| 09255C 10 6 | BLACKROCK MUNIHLDN GS NY QLT Y | COM | |
| 09255E 10 2 | BLACKROCK MUNIYIELD NY QLT Y | COM | |
| 09255F 10 9 | BLACKROCK MUNI N Y INTER DUR | COM | |
| 09255G 10 7 | BLACKROCK MUNIYIELD PA QLT Y | COM | |
| 09255K 10 8 | BLACKROCK ENHANCED GOVT FD I | COM | |
| 09255P 10 7 | BLACKROCK CORPOR HI YLD FD I | COM | |
| 09255R 20 2 | BLACKROCK DEBT STRAT FD INC | COM NEW | |
| 09255X 10 0 | BLACKROCK FLOAT RATE OME STR | COM | |
| 09256A 10 9 | BLACKROCK ENH CAP & INC FD I | COM | |
| 09256U 10 5 | BLACKSTONE GSO FLTNG RTE FU | COM | |
| 09257A 10 8 | BLACKROCK RES & COMM STRAT T | SHS | |
| 09257D 10 2 | BLACKSTONE GSO LNG SHRT CR I | COM SHS BN INT | |
| 09257P 10 5 * | BLACKROCK MUN 2030 TAR TERM | COM SHS BEN IN | |
| 09257P 90 5 | BLACKROCK MUN 2030 TAR TERM | CALL | |
| 09257P 95 5 | BLACKROCK MUN 2030 TAR TERM | PUT | |
| 09257R 10 1 | BLACKSTONE GSO STRATEGIC CR | COM SHS BEN IN | |
| 09257W AB 6 | BLACKSTONE MTG TR INC | NOTE 4.375% 5/0 | |
| 09257W AC 4 | BLACKSTONE MTG TR INC | NOTE 4.750% 3/1 | |
| 09257W 10 0 * | BLACKSTONE MTG TR INC | COM CL A | |

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| 09257W 90 0 | BLACKSTONE MTG TR INC | CALL | |
| 09257W 95 0 | BLACKSTONE MTG TR INC | PUT | |
| 09258A 10 7 | BLACKROCK MULTI-SECTOR INC T | COM | |
| 09258E 10 9 | BLACKROCK MASS TAX-EXEMPT TR | SH BEN INT | |
| 09258G 10 4 | BLACKROCK SCIENCE & TECH TR | SHS | |
| 09258P 10 4 | BLACKROCK 2022 GBL INCM OPP | COM | |
| 09259E 10 8 * | BLACKROCK TCP CAP CORP | COM | |
| 09259E 90 8 | BLACKROCK TCP CAP CORP | CALL | |
| 09259E 95 8 | BLACKROCK TCP CAP CORP | PUT | |
| 09260K 10 1 | BLACKROCK SCIENCE & TECH TR | SHS BEN INT | ADDED |
| 09290C 10 3 | BLACKROCK ETF TRUST | US EQT FACTOR | |
| 09354A 10 0 * | BLINK CHARGING CO | COM | |
| 09354A 90 0 | BLINK CHARGING CO | CALL | |
| 09354A 95 0 | BLINK CHARGING CO | PUT | |
| 09354A 11 8 | BLINK CHARGING CO | *W EXP 01/31/202 | |
| 093671 10 5 * | BLOCK H & R INC | COM | |
| 093671 90 5 | BLOCK H & R INC | CALL | |
| 093671 95 5 | BLOCK H & R INC | PUT | |
| 093698 10 8 | BLONDER TONGUE LABS INC | COM | |
| 093712 10 7 * | BLOOM ENERGY CORP | COM CL A | |
| 093712 90 7 | BLOOM ENERGY CORP | CALL | |
| 093712 95 7 | BLOOM ENERGY CORP | PUT | |
| 094235 10 8 * | BLOOMIN BRANDS INC | COM | |
| 094235 90 8 | BLOOMIN BRANDS INC | CALL | |
| 094235 95 8 | BLOOMIN BRANDS INC | PUT | |
| 095229 10 0 * | BLUCORA INC | COM | |
| 095229 90 0 | BLUCORA INC | CALL | |
| 095229 95 0 | BLUCORA INC | PUT | |
| 09523Q 10 1 * | BLUE APRON HLDGS INC | CL A | DELETED |
| 09523Q 90 1 | BLUE APRON HLDGS INC | CALL | DELETED |
| 09523Q 95 1 | BLUE APRON HLDGS INC | PUT | DELETED |
| 09523Q 20 0 * | BLUE APRON HLDGS INC | CL A NEW | ADDED |
| 09523Q 90 0 | BLUE APRON HLDGS INC | CALL | ADDED |
| 09523Q 95 0 | BLUE APRON HLDGS INC | PUT | ADDED |

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|---------------|------------------------------|--------------------|---------|
| 095306 10 6 | BLUE BIRD CORP | COM | |
| 095573 10 1 * | BLUE HILLS BANCORP INC | COM | DELETED |
| 095573 90 1 | BLUE HILLS BANCORP INC | CALL | DELETED |
| 095573 95 1 | BLUE HILLS BANCORP INC | PUT | DELETED |
| 09609G 10 0 * | BLUEBIRD BIO INC | COM | |
| 09609G 90 0 | BLUEBIRD BIO INC | CALL | |
| 09609G 95 0 | BLUEBIRD BIO INC | PUT | |
| 09624H 20 8 * | BLUELINX HLDGS INC | COM NEW | |
| 09624H 90 8 | BLUELINX HLDGS INC | CALL | |
| 09624H 95 8 | BLUELINX HLDGS INC | PUT | |
| 09625U 10 9 * | BLUEKNIGHT ENERGY PARTNERS L | COM UNIT | |
| 09625U 90 9 | BLUEKNIGHT ENERGY PARTNERS L | CALL | |
| 09625U 95 9 | BLUEKNIGHT ENERGY PARTNERS L | PUT | |
| 09627J 10 2 * | BLUEROCK RESIDENTIAL GRW REI | COM CL A | |
| 09627J 90 2 | BLUEROCK RESIDENTIAL GRW REI | CALL | |
| 09627J 95 2 | BLUEROCK RESIDENTIAL GRW REI | PUT | |
| 09627Y 10 9 * | BLUEPRINT MEDICINES CORP | COM | |
| 09627Y 90 9 | BLUEPRINT MEDICINES CORP | CALL | |
| 09627Y 95 9 | BLUEPRINT MEDICINES CORP | PUT | |
| 09629F 10 8 | BLUEGREEN VACATIONS CORP | COM | |
| 09660L 10 5 | BNY MELLON HIGH YIELD STRATE | SH BEN INT | ADDED |
| 09662E 10 9 | BNY MELLON STRATEGIC MUN BD | COM | ADDED |
| 09662W 10 9 | BNY MELLON MUN BD INFRASTRUC | COM SHS | ADDED |
| 097023 10 5 * | BOEING CO | COM | |
| 097023 90 5 | BOEING CO | CALL | |
| 097023 95 5 | BOEING CO | PUT | |
| 09739C 10 2 * | BOINGO WIRELESS INC | COM | |
| 09739C 90 2 | BOINGO WIRELESS INC | CALL | |
| 09739C 95 2 | BOINGO WIRELESS INC | PUT | |
| 09739D 10 0 * | BOISE CASCADE CO DEL | COM | |
| 09739D 90 0 | BOISE CASCADE CO DEL | CALL | |
| 09739D 95 0 | BOISE CASCADE CO DEL | PUT | |
| 097793 40 0 * | BONANZA CREEK ENERGY INC | COM NEW | |
| 097793 90 0 | BONANZA CREEK ENERGY INC | CALL | |

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|-----------------|------------------------------|---------------------------|---------------|
| 097793 95 0 | BONANZA CREEK ENERGY INC | PUT | |
| 098529 30 8 | BONSO ELECTRS INTL INC | COM PAR \$0.003 | |
| 09857L 10 8 * | BOOKING HLDGS INC | COM | |
| 09857L 90 8 | BOOKING HLDGS INC | CALL | |
| 09857L 95 8 | BOOKING HLDGS INC | PUT | |
| 099406 10 0 * | BOOT BARN HLDGS INC | COM | |
| 099406 90 0 | BOOT BARN HLDGS INC | CALL | |
| 099406 95 0 | BOOT BARN HLDGS INC | PUT | |
| 099502 10 6 * | BOOZ ALLEN HAMILTON HLDG COR | CL A | |
| 099502 90 6 | BOOZ ALLEN HAMILTON HLDG COR | CALL | |
| 099502 95 6 | BOOZ ALLEN HAMILTON HLDG COR | PUT | |
| 099724 10 6 * | BORGWARNER INC | COM | |
| 099724 90 6 | BORGWARNER INC | CALL | |
| 099724 95 6 | BORGWARNER INC | PUT | |
| 100557 10 7 * | BOSTON BEER INC | CL A | |
| 100557 90 7 | BOSTON BEER INC | CALL | |
| 100557 95 7 | BOSTON BEER INC | PUT | |
| 101044 10 5 | BOSTON OMAHA CORP | COM | |
| 101119 10 5 * | BOSTON PRIVATE FINL HLDGS IN | COM | |
| 101119 90 5 | BOSTON PRIVATE FINL HLDGS IN | CALL | |
| 101119 95 5 | BOSTON PRIVATE FINL HLDGS IN | PUT | |
| 101121 10 1 * | BOSTON PROPERTIES INC | COM | |
| 101121 90 1 | BOSTON PROPERTIES INC | CALL | |
| 101121 95 1 | BOSTON PROPERTIES INC | PUT | |
| 101137 10 7 * | BOSTON SCIENTIFIC CORP | COM | |
| 101137 90 7 | BOSTON SCIENTIFIC CORP | CALL | |
| 101137 95 7 | BOSTON SCIENTIFIC CORP | PUT | |
| 101388 10 6 * | BOTTOMLINE TECH DEL INC | COM | |
| 101388 90 6 | BOTTOMLINE TECH DEL INC | CALL | |
| 101388 95 6 | BOTTOMLINE TECH DEL INC | PUT | |
| 101507 10 1 | BOULDER GROWTH & INCOME FD I | COM | |
| 102565 10 8 | BOWL AMER INC | CL A | |
| 10316T 10 4 * | BOX INC | CL A | |
| 10316T 90 4 | BOX INC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 10316T 95 4 | BOX INC | PUT | |
| 10319T 10 1 | BOXWOOD MERGER CORP | COM CL A | |
| 10319T 11 9 | BOXWOOD MERGER CORP | *W EXP 11/26/202 | |
| 10319T 20 0 | BOXWOOD MERGER CORP | UNIT 11/26/2025 | |
| 103197 10 9 | BOXLIGHT CORP | COM CL A | |
| 103304 10 1 * | BOYD GAMING CORP | COM | |
| 103304 90 1 | BOYD GAMING CORP | CALL | |
| 103304 95 1 | BOYD GAMING CORP | PUT | |
| 104674 10 6 * | BRADY CORP | CL A | |
| 104674 90 6 | BRADY CORP | CALL | |
| 104674 95 6 | BRADY CORP | PUT | |
| 10482B 10 1 * | BRAEMAR HOTELS & RESORTS INC | COM | |
| 10482B 90 1 | BRAEMAR HOTELS & RESORTS INC | CALL | |
| 10482B 95 1 | BRAEMAR HOTELS & RESORTS INC | PUT | |
| 10482B 20 0 | BRAEMAR HOTELS & RESORTS INC | 5.5 CUM CV PFD B | |
| 10501E 20 1 * | BRAINSTORM CELL THERAPEUTICS | COM NEW | |
| 10501E 90 1 | BRAINSTORM CELL THERAPEUTICS | CALL | |
| 10501E 95 1 | BRAINSTORM CELL THERAPEUTICS | PUT | |
| 10501L 10 6 | BRAINSWAY LTD | SPONSORED ADS | ADDED |
| 105368 20 3 * | BRANDYWINE RLTY TR | SH BEN INT NEW | |
| 105368 90 3 | BRANDYWINE RLTY TR | CALL | |
| 105368 95 3 | BRANDYWINE RLTY TR | PUT | |
| 10537L 10 4 | BRANDYWINEGBL GLBAL INM OPRT | COM | |
| 10552T 10 7 * | BRF SA | SPONSORED ADR | |
| 10552T 90 7 | BRF SA | CALL | |
| 10552T 95 7 | BRF SA | PUT | |
| 105532 10 5 * | BRASKEM S A | SP ADR PFD A | DELETED |
| 105532 90 5 | BRASKEM S A | CALL | DELETED |
| 105532 95 5 | BRASKEM S A | PUT | DELETED |
| 10554B 10 4 | BRASILAGRO BRAZILIAN AGRIC R | SPONSORED ADR | |
| 108035 10 6 * | BRIDGE BANCORP INC | COM | |
| 108035 90 6 | BRIDGE BANCORP INC | CALL | |
| 108035 95 6 | BRIDGE BANCORP INC | PUT | |
| 10806X 10 2 | BRIDGEBIO PHARMA INC | COM | ADDED |

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| 10807M 10 5 * | BRIDGEPOINT ED INC | COM | DELETED |
| 10807M 90 5 | BRIDGEPOINT ED INC | CALL | DELETED |
| 10807M 95 5 | BRIDGEPOINT ED INC | PUT | DELETED |
| 10807Q 40 3 | BRIDGELINE DIGITAL INC | COM PAR | DELETED |
| 10807Q 70 0 | BRIDGELINE DIGITAL INC | COM | ADDED |
| 108621 10 3 | BRIDGEWATER BANCSHARES INC | COM ACCD INV | |
| 108763 10 3 | BRIDGFORD FOODS CORP | COM | |
| 109043 10 9 * | BRIGGS & STRATTON CORP | COM | |
| 109043 90 9 | BRIGGS & STRATTON CORP | CALL | |
| 109043 95 9 | BRIGGS & STRATTON CORP | PUT | |
| 10918L 10 3 | BRIGHAM MINERALS INC | CL A COM | ADDED |
| 109194 10 0 * | BRIGHT HORIZONS FAM SOL IN D | COM | |
| 109194 90 0 | BRIGHT HORIZONS FAM SOL IN D | CALL | |
| 109194 95 0 | BRIGHT HORIZONS FAM SOL IN D | PUT | |
| 109199 10 9 | BRIGHT SCHOLAR ED HLDGS LTD | SPONSORED ADS | |
| 10921T 10 1 * | BRIGHTCOVE INC | COM | |
| 10921T 90 1 | BRIGHTCOVE INC | CALL | |
| 10921T 95 1 | BRIGHTCOVE INC | PUT | |
| 10922N 10 3 * | BRIGHTHOUSE FINL INC | COM | |
| 10922N 90 3 | BRIGHTHOUSE FINL INC | CALL | |
| 10922N 95 3 | BRIGHTHOUSE FINL INC | PUT | |
| 10948C 10 7 * | BRIGHTVIEW HLDGS INC | COM | |
| 10948C 90 7 | BRIGHTVIEW HLDGS INC | CALL | |
| 10948C 95 7 | BRIGHTVIEW HLDGS INC | PUT | |
| 109641 10 0 * | BRINKER INTL INC | COM | |
| 109641 90 0 | BRINKER INTL INC | CALL | |
| 109641 95 0 | BRINKER INTL INC | PUT | |
| 109696 10 4 * | BRINKS CO | COM | |
| 109696 90 4 | BRINKS CO | CALL | |
| 109696 95 4 | BRINKS CO | PUT | |
| 110122 AN 8 | BRISTOL MYERS SQUIBB CO | DBCV | 9/1 |
| 110122 10 8 * | BRISTOL MYERS SQUIBB CO | COM | |
| 110122 90 8 | BRISTOL MYERS SQUIBB CO | CALL | |
| 110122 95 8 | BRISTOL MYERS SQUIBB CO | PUT | |

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| 110394 AF 0 | BRISTOW GROUP INC | NOTE 4.500% 6/0 | DELETED |
| 110394 10 3 * | BRISTOW GROUP INC | COM | DELETED |
| 110394 90 3 | BRISTOW GROUP INC | CALL | DELETED |
| 110394 95 3 | BRISTOW GROUP INC | PUT | DELETED |
| 110448 10 7 * | BRITISH AMERN TOB PLC | SPONSORED ADR | |
| 110448 90 7 | BRITISH AMERN TOB PLC | CALL | |
| 110448 95 7 | BRITISH AMERN TOB PLC | PUT | |
| 11120U 10 5 * | BRIXMOR PPTY GROUP INC | COM | |
| 11120U 90 5 | BRIXMOR PPTY GROUP INC | CALL | |
| 11120U 95 5 | BRIXMOR PPTY GROUP INC | PUT | |
| 11133T 10 3 * | BROADRIDGE FINL SOLUTIONS IN | COM | |
| 11133T 90 3 | BROADRIDGE FINL SOLUTIONS IN | CALL | |
| 11133T 95 3 | BROADRIDGE FINL SOLUTIONS IN | PUT | |
| 11135F 10 1 * | BROADCOM INC | COM | |
| 11135F 90 1 | BROADCOM INC | CALL | |
| 11135F 95 1 | BROADCOM INC | PUT | |
| 111412 70 6 | BROADVISION INC | COM PAR | |
| 111444 10 5 | BROADWAY FINL CORP DEL | COM | |
| 11161T 20 7 * | BROADWIND ENERGY INC | COM NEW | |
| 11161T 90 7 | BROADWIND ENERGY INC | CALL | |
| 11161T 95 7 | BROADWIND ENERGY INC | PUT | |
| 112463 10 4 * | BROOKDALE SR LIVING INC | COM | |
| 112463 90 4 | BROOKDALE SR LIVING INC | CALL | |
| 112463 95 4 | BROOKDALE SR LIVING INC | PUT | |
| 112585 10 4 * | BROOKFIELD ASSET MGMT INC | CL A LTD VT SH | |
| 112585 90 4 | BROOKFIELD ASSET MGMT INC | CALL | |
| 112585 95 4 | BROOKFIELD ASSET MGMT INC | PUT | |
| 11273Q 10 9 | BROOKFIELD GLOBL LISTED INFR | COM SHS | |
| 11282X 10 3 * | BROOKFIELD PROPERTY REIT INC | CL A | |
| 11282X 90 3 | BROOKFIELD PROPERTY REIT INC | CALL | |
| 11282X 95 3 | BROOKFIELD PROPERTY REIT INC | PUT | |
| 112830 10 4 | BROOKFIELD REAL ASSETS INCOM | SHS BEN INT | |
| 11373M 10 7 * | BROOKLINE BANCORP INC DEL | COM | |
| 11373M 90 7 | BROOKLINE BANCORP INC DEL | CALL | |

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| 11373M 95 7 | BROOKLINE BANCORP INC DEL | PUT | |
| 114340 10 2 * | BROOKS AUTOMATION INC | COM | |
| 114340 90 2 | BROOKS AUTOMATION INC | CALL | |
| 114340 95 2 | BROOKS AUTOMATION INC | PUT | |
| 115236 10 1 * | BROWN & BROWN INC | COM | |
| 115236 90 1 | BROWN & BROWN INC | CALL | |
| 115236 95 1 | BROWN & BROWN INC | PUT | |
| 115637 10 0 * | BROWN FORMAN CORP | CL A | |
| 115637 90 0 | BROWN FORMAN CORP | CALL | |
| 115637 95 0 | BROWN FORMAN CORP | PUT | |
| 115637 20 9 * | BROWN FORMAN CORP | CL B | |
| 115637 90 9 | BROWN FORMAN CORP | CALL | |
| 115637 95 9 | BROWN FORMAN CORP | PUT | |
| 116794 10 8 * | BRUKER CORP | COM | |
| 116794 90 8 | BRUKER CORP | CALL | |
| 116794 95 8 | BRUKER CORP | PUT | |
| 117043 10 9 * | BRUNSWICK CORP | COM | |
| 117043 90 9 | BRUNSWICK CORP | CALL | |
| 117043 95 9 | BRUNSWICK CORP | PUT | |
| 117665 10 9 * | BRYN MAWR BK CORP | COM | |
| 117665 90 9 | BRYN MAWR BK CORP | CALL | |
| 117665 95 9 | BRYN MAWR BK CORP | PUT | |
| 11776U 30 0 * | BSQUARE CORP | COM NEW | |
| 11776U 90 0 | BSQUARE CORP | CALL | |
| 11776U 95 0 | BSQUARE CORP | PUT | |
| 11777Q 20 9 * | B2GOLD CORP | COM | |
| 11777Q 90 9 | B2GOLD CORP | CALL | |
| 11777Q 95 9 | B2GOLD CORP | PUT | |
| 118230 10 1 * | BUCKEYE PARTNERS L P | UNIT LTD PARTN | |
| 118230 90 1 | BUCKEYE PARTNERS L P | CALL | |
| 118230 95 1 | BUCKEYE PARTNERS L P | PUT | |
| 118440 10 6 * | BUCKLE INC | COM | |
| 118440 90 6 | BUCKLE INC | CALL | |
| 118440 95 6 | BUCKLE INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 120076 10 4 * | BUILD A BEAR WORKSHOP | COM | |
| 120076 90 4 | BUILD A BEAR WORKSHOP | CALL | |
| 120076 95 4 | BUILD A BEAR WORKSHOP | PUT | |
| 12008R 10 7 * | BUILDERS FIRSTSOURCE INC | COM | |
| 12008R 90 7 | BUILDERS FIRSTSOURCE INC | CALL | |
| 12008R 95 7 | BUILDERS FIRSTSOURCE INC | PUT | |
| 122017 10 6 * | BURLINGTON STORES INC | COM | |
| 122017 90 6 | BURLINGTON STORES INC | CALL | |
| 122017 95 6 | BURLINGTON STORES INC | PUT | |
| 12326C 10 5 | BUSINESS FIRST BANCSHARES IN | COM | |
| 124411 10 9 | BYLINE BANCORP INC | COM | |
| 12466Q 10 4 | C & F FINL CORP | COM | |
| 124765 10 8 * | CAE INC | COM | |
| 124765 90 8 | CAE INC | CALL | |
| 124765 95 8 | CAE INC | PUT | |
| 124769 20 9 | CAS MED SYS INC | COM PAR | DELETED |
| 12477X 10 6 * | CAI INTERNATIONAL INC | COM | |
| 12477X 90 6 | CAI INTERNATIONAL INC | CALL | |
| 12477X 95 6 | CAI INTERNATIONAL INC | PUT | |
| 12479G 10 1 | CB FINL SVCS INC | COM | |
| 1248XT 10 4 | CBM BANCORP INC | COM | |
| 124805 10 2 * | CBIZ INC | COM | |
| 124805 90 2 | CBIZ INC | CALL | |
| 124805 95 2 | CBIZ INC | PUT | |
| 12481V 10 4 | CBTX INC | COM | |
| 12482W 10 1 | CBDMD INC | COM | ADDED |
| 124830 10 0 * | CBL & ASSOC PPTYS INC | COM | |
| 124830 90 0 | CBL & ASSOC PPTYS INC | CALL | |
| 124830 95 0 | CBL & ASSOC PPTYS INC | PUT | |
| 124857 10 3 * | CBS CORP NEW | CL A | |
| 124857 90 3 | CBS CORP NEW | CALL | |
| 124857 95 3 | CBS CORP NEW | PUT | |
| 124857 20 2 * | CBS CORP NEW | CL B | |
| 124857 90 2 | CBS CORP NEW | CALL | |

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| 124857 95 2 | CBS CORP NEW | PUT | |
| 124867 10 2 | CCA INDS INC | COM | DELETED |
| 12503M 10 8 * | CBOE GLOBAL MARKETS INC | COM | |
| 12503M 90 8 | CBOE GLOBAL MARKETS INC | CALL | |
| 12503M 95 8 | CBOE GLOBAL MARKETS INC | PUT | |
| 12504G 10 0 | CBRE CLARION GLOBAL REAL EST | COM | |
| 12504L 10 9 * | CBRE GROUP INC | CL A | |
| 12504L 90 9 | CBRE GROUP INC | CALL | |
| 12504L 95 9 | CBRE GROUP INC | PUT | |
| 12508E 10 1 * | CDK GLOBAL INC | COM | |
| 12508E 90 1 | CDK GLOBAL INC | CALL | |
| 12508E 95 1 | CDK GLOBAL INC | PUT | |
| 12514G 10 8 * | CDW CORP | COM | |
| 12514G 90 8 | CDW CORP | CALL | |
| 12514G 95 8 | CDW CORP | PUT | |
| 125141 10 1 * | CECO ENVIRONMENTAL CORP | COM | |
| 125141 90 1 | CECO ENVIRONMENTAL CORP | CALL | |
| 125141 95 1 | CECO ENVIRONMENTAL CORP | PUT | |
| 125269 10 0 * | CF INDS HLDGS INC | COM | |
| 125269 90 0 | CF INDS HLDGS INC | CALL | |
| 125269 95 0 | CF INDS HLDGS INC | PUT | |
| 12528N 10 7 | CF FIN ACQUISITION CORP | COM CL A | |
| 12528N 11 5 | CF FIN ACQUISITION CORP | *W EXP 04/30/202 | |
| 12528N 20 6 | CF FIN ACQUISITION CORP | UNIT 04/30/2025 | |
| 12532H 10 4 * | CGI INC | CL A SUB VTG | |
| 12532H 90 4 | CGI INC | CALL | |
| 12532H 95 4 | CGI INC | PUT | |
| 12541W 20 9 * | C H ROBINSON WORLDWIDE INC | COM NEW | |
| 12541W 90 9 | C H ROBINSON WORLDWIDE INC | CALL | |
| 12541W 95 9 | C H ROBINSON WORLDWIDE INC | PUT | |
| 12542Q 70 6 | CHF SOLUTIONS INC | COM PAR | |
| 125523 10 0 * | CIGNA CORP NEW | COM | |
| 125523 90 0 | CIGNA CORP NEW | CALL | |
| 125523 95 0 | CIGNA CORP NEW | PUT | |

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| 125525 10 5 | CIM COML TR CORP | COM | |
| 125581 80 1 * | CIT GROUP INC | COM NEW | |
| 125581 90 1 | CIT GROUP INC | CALL | |
| 125581 95 1 | CIT GROUP INC | PUT | |
| 12562N 10 4 | CKX LANDS INC | COM | |
| 12572Q 10 5 * | CME GROUP INC | COM | |
| 12572Q 90 5 | CME GROUP INC | CALL | |
| 12572Q 95 5 | CME GROUP INC | PUT | |
| 12574Q 10 3 * | CM FIN INC | COM | |
| 12574Q 90 3 | CM FIN INC | CALL | |
| 12574Q 95 3 | CM FIN INC | PUT | |
| 125896 10 0 * | CMS ENERGY CORP | COM | |
| 125896 90 0 | CMS ENERGY CORP | CALL | |
| 125896 95 0 | CMS ENERGY CORP | PUT | |
| 125906 10 7 | CSS INDS INC | COM | |
| 125919 30 8 * | CPI AEROSTRUCTURES INC | COM NEW | |
| 125919 90 8 | CPI AEROSTRUCTURES INC | CALL | |
| 125919 95 8 | CPI AEROSTRUCTURES INC | PUT | |
| 125961 30 0 | CTI INDUSTRIES CORP | COM NEW | |
| 126117 10 0 * | CNA FINL CORP | COM | |
| 126117 90 0 | CNA FINL CORP | CALL | |
| 126117 95 0 | CNA FINL CORP | PUT | |
| 126128 10 7 * | CNB FINL CORP PA | COM | |
| 126128 90 7 | CNB FINL CORP PA | CALL | |
| 126128 95 7 | CNB FINL CORP PA | PUT | |
| 126132 10 9 * | CNOOC LTD | SPONSORED ADR | |
| 126132 90 9 | CNOOC LTD | CALL | |
| 126132 95 9 | CNOOC LTD | PUT | |
| 126153 10 5 * | CPFL ENERGIA S A | SPONSORED ADR | |
| 126153 90 5 | CPFL ENERGIA S A | CALL | |
| 126153 95 5 | CPFL ENERGIA S A | PUT | |
| 12618T 10 5 * | CRA INTL INC | COM | |
| 12618T 90 5 | CRA INTL INC | CALL | |
| 12618T 95 5 | CRA INTL INC | PUT | |

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| 12619F 10 4 | CPS TECHNOLOGIES CORP | COM | |
| 12621E 10 3 * | CNO FINL GROUP INC | COM | |
| 12621E 90 3 | CNO FINL GROUP INC | CALL | |
| 12621E 95 3 | CNO FINL GROUP INC | PUT | |
| 12626F 10 5 | CRH MEDICAL CORP | COM | |
| 12626K 20 3 * | CRH PLC | ADR | |
| 12626K 90 3 | CRH PLC | CALL | |
| 12626K 95 3 | CRH PLC | PUT | |
| 12634H 20 0 * | CPI CARD GROUP INC | COM NEW | |
| 12634H 90 0 | CPI CARD GROUP INC | CALL | |
| 12634H 95 0 | CPI CARD GROUP INC | PUT | |
| 126349 AF 6 | CSG SYS INTL INC | NOTE 4.250% 3/1 | |
| 126349 10 9 * | CSG SYS INTL INC | COM | |
| 126349 90 9 | CSG SYS INTL INC | CALL | |
| 126349 95 9 | CSG SYS INTL INC | PUT | |
| 12637A 10 3 * | CSI COMPRESSCO LP | COM UNIT | |
| 12637A 90 3 | CSI COMPRESSCO LP | CALL | |
| 12637A 95 3 | CSI COMPRESSCO LP | PUT | |
| 126389 10 5 | CSP INC | COM | |
| 126402 10 6 | CSW INDUSTRIALS INC | COM | |
| 126408 10 3 * | CSX CORP | COM | |
| 126408 90 3 | CSX CORP | CALL | |
| 126408 95 3 | CSX CORP | PUT | |
| 12648L 60 1 * | CTI BIOPHARMA CORP | COM | |
| 12648L 90 1 | CTI BIOPHARMA CORP | CALL | |
| 12648L 95 1 | CTI BIOPHARMA CORP | PUT | |
| 12649L 10 5 * | CSOP ETF TR | FTSE CHINA A50 | |
| 12649L 90 5 | CSOP ETF TR | CALL | |
| 12649L 95 5 | CSOP ETF TR | PUT | |
| 12649L 20 4 | CSOP ETF TR | MSCI CHINA A I | |
| 126501 10 5 * | CTS CORP | COM | |
| 126501 90 5 | CTS CORP | CALL | |
| 126501 95 5 | CTS CORP | PUT | |
| 12653C 10 8 * | CNX RESOURCES CORPORATION | COM | |

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| 12653C 90 8 | CNX RESOURCES CORPORATION | CALL | |
| 12653C 95 8 | CNX RESOURCES CORPORATION | PUT | |
| 12654A 10 1 * | CNX MIDSTREAM PARTNERS LP | COM UNIT REPST | |
| 12654A 90 1 | CNX MIDSTREAM PARTNERS LP | CALL | |
| 12654A 95 1 | CNX MIDSTREAM PARTNERS LP | PUT | |
| 126576 20 6 * | CUI GLOBAL INC | COM NEW | |
| 126576 90 6 | CUI GLOBAL INC | CALL | |
| 126576 95 6 | CUI GLOBAL INC | PUT | |
| 126600 10 5 * | CVB FINL CORP | COM | |
| 126600 90 5 | CVB FINL CORP | CALL | |
| 126600 95 5 | CVB FINL CORP | PUT | |
| 126601 10 3 | CVD EQUIPMENT CORP | COM | |
| 12662P 10 8 * | CVR ENERGY INC | COM | |
| 12662P 90 8 | CVR ENERGY INC | CALL | |
| 12662P 95 8 | CVR ENERGY INC | PUT | |
| 126633 10 6 * | CVR PARTNERS LP | COM | |
| 126633 90 6 | CVR PARTNERS LP | CALL | |
| 126633 95 6 | CVR PARTNERS LP | PUT | |
| 126650 10 0 * | CVS HEALTH CORP | COM | |
| 126650 90 0 | CVS HEALTH CORP | CALL | |
| 126650 95 0 | CVS HEALTH CORP | PUT | |
| 12674R 10 0 * | C&J ENERGY SVCS INC NEW | COM | |
| 12674R 90 0 | C&J ENERGY SVCS INC NEW | CALL | |
| 12674R 95 0 | C&J ENERGY SVCS INC NEW | PUT | |
| 12685J 10 5 | CABLE ONE INC | COM | |
| 127055 10 1 * | CABOT CORP | COM | |
| 127055 90 1 | CABOT CORP | CALL | |
| 127055 95 1 | CABOT CORP | PUT | |
| 12709P 10 3 * | CABOT MICROELECTRONICS CORP | COM | |
| 12709P 90 3 | CABOT MICROELECTRONICS CORP | CALL | |
| 12709P 95 3 | CABOT MICROELECTRONICS CORP | PUT | |
| 127097 10 3 * | CABOT OIL & GAS CORP | COM | |
| 127097 90 3 | CABOT OIL & GAS CORP | CALL | |
| 127097 95 3 | CABOT OIL & GAS CORP | PUT | |

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| 127190 30 4 * | CACI INTL INC | CL A | |
| 127190 90 4 | CACI INTL INC | CALL | |
| 127190 95 4 | CACI INTL INC | PUT | |
| 127203 10 7 * | CACTUS INC | CL A | |
| 127203 90 7 | CACTUS INC | CALL | |
| 127203 95 7 | CACTUS INC | PUT | |
| 127387 10 8 * | CADENCE DESIGN SYSTEM INC | COM | |
| 127387 90 8 | CADENCE DESIGN SYSTEM INC | CALL | |
| 127387 95 8 | CADENCE DESIGN SYSTEM INC | PUT | |
| 12739A 10 0 * | CADENCE BANCORPORATION | CL A | |
| 12739A 90 0 | CADENCE BANCORPORATION | CALL | |
| 12739A 95 0 | CADENCE BANCORPORATION | PUT | |
| 127537 20 7 * | CADIZ INC | COM NEW | |
| 127537 90 7 | CADIZ INC | CALL | |
| 127537 95 7 | CADIZ INC | PUT | |
| 127686 AA 1 | CAESARS ENTMT CORP | NOTE 5.000%10/0 | |
| 127686 10 3 * | CAESARS ENTMT CORP | COM | |
| 127686 90 3 | CAESARS ENTMT CORP | CALL | |
| 127686 95 3 | CAESARS ENTMT CORP | PUT | |
| 128030 20 2 * | CAL MAINE FOODS INC | COM NEW | |
| 128030 90 2 | CAL MAINE FOODS INC | CALL | |
| 128030 95 2 | CAL MAINE FOODS INC | PUT | |
| 128058 20 3 * | CALADRIUS BIOSCIENCES INC | COM NEW | |
| 128058 90 3 | CALADRIUS BIOSCIENCES INC | CALL | |
| 128058 95 3 | CALADRIUS BIOSCIENCES INC | PUT | |
| 12811L 10 7 | CALAMOS GBL DYN INCOME FUND | COM | |
| 12811P 10 8 | CALAMOS CONV & HIGH INCOME F | COM SHS | |
| 12811V 10 5 | CALAMOS DYNAMIC CONV & INCOM | COM | |
| 128117 10 8 | CALAMOS CONV OPP AND INC FD | SH BEN INT | |
| 128118 10 6 | CALAMOS GLOBAL TOTAL RETURN | COM SH BEN INT | |
| 128125 10 1 | CALAMOS STRATEGIC TOTL RETN | COM SH BEN INT | |
| 128126 AB 5 | CALAMP CORP | NOTE 1.625% 5/1 | |
| 128126 10 9 * | CALAMP CORP | COM | |
| 128126 90 9 | CALAMP CORP | CALL | |

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| 128126 95 9 | CALAMP CORP | PUT | |
| 128246 10 5 * | CALAVO GROWERS INC | COM | |
| 128246 90 5 | CALAVO GROWERS INC | CALL | |
| 128246 95 5 | CALAVO GROWERS INC | PUT | |
| 129500 10 4 * | CALERES INC | COM | |
| 129500 90 4 | CALERES INC | CALL | |
| 129500 95 4 | CALERES INC | PUT | |
| 13057Q 20 6 * | CALIFORNIA RES CORP | COM NEW | |
| 13057Q 90 6 | CALIFORNIA RES CORP | CALL | |
| 13057Q 95 6 | CALIFORNIA RES CORP | PUT | |
| 130788 10 2 * | CALIFORNIA WTR SVC GROUP | COM | |
| 130788 90 2 | CALIFORNIA WTR SVC GROUP | CALL | |
| 130788 95 2 | CALIFORNIA WTR SVC GROUP | PUT | |
| 13089P 10 1 * | CALITHERA BIOSCIENCES INC | COM | |
| 13089P 90 1 | CALITHERA BIOSCIENCES INC | CALL | |
| 13089P 95 1 | CALITHERA BIOSCIENCES INC | PUT | |
| 13100M 50 9 * | CALIX INC | COM | |
| 13100M 90 9 | CALIX INC | CALL | |
| 13100M 95 9 | CALIX INC | PUT | |
| 131193 10 4 * | CALLAWAY GOLF CO | COM | |
| 131193 90 4 | CALLAWAY GOLF CO | CALL | |
| 131193 95 4 | CALLAWAY GOLF CO | PUT | |
| 13123X 10 2 * | CALLON PETE CO DEL | COM | |
| 13123X 90 2 | CALLON PETE CO DEL | CALL | |
| 13123X 95 2 | CALLON PETE CO DEL | PUT | |
| 131476 10 3 * | CALUMET SPECIALTY PRODS PTNR | UT LTD PARTNER | |
| 131476 90 3 | CALUMET SPECIALTY PRODS PTNR | CALL | |
| 131476 95 3 | CALUMET SPECIALTY PRODS PTNR | PUT | |
| 13173L 10 7 | CALYXT INC | COM | |
| 13200M 30 0 | CAMBER ENERGY INC | COM NEW | |
| 132011 10 7 * | CAMBREX CORP | COM | |
| 132011 90 7 | CAMBREX CORP | CALL | |
| 132011 95 7 | CAMBREX CORP | PUT | |
| 132061 20 1 | CAMBRIA ETF TR | SHSHLD YIELD ETF | |

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| 132061 30 0 | CAMBRIA ETF TR | CAMBRIA FGN SHR | |
| 132061 40 9 | CAMBRIA ETF TR | GLOBAL VALUE ETF | |
| 132061 50 8 | CAMBRIA ETF TR | GLB MOMENT ETF | |
| 132061 60 7 | CAMBRIA ETF TR | GLB ASSET ALLO | |
| 132061 70 6 | CAMBRIA ETF TR | EMRG SHAREHLDR | |
| 132061 80 5 | CAMBRIA ETF TR | SOVEREIGN BD ETF | |
| 132061 83 9 | CAMBRIA ETF TR | TRINITY | |
| 132061 85 4 | CAMBRIA ETF TR | CORE EQUITY | |
| 132061 86 2 | CAMBRIA ETF TR | TAIL RISK | |
| 132061 88 8 | CAMBRIA ETF TR | VALUE MOMENTUM | |
| 132152 10 9 | CAMBRIDGE BANCORP | COM | |
| 133034 10 8 * | CAMDEN NATL CORP | COM | |
| 133034 90 8 | CAMDEN NATL CORP | CALL | |
| 133034 95 8 | CAMDEN NATL CORP | PUT | |
| 133131 10 2 * | CAMDEN PPTY TR | SH BEN INT | |
| 133131 90 2 | CAMDEN PPTY TR | CALL | |
| 133131 95 2 | CAMDEN PPTY TR | PUT | |
| 13321L 10 8 * | CAMECO CORP | COM | |
| 13321L 90 8 | CAMECO CORP | CALL | |
| 13321L 95 8 | CAMECO CORP | PUT | |
| 134429 10 9 * | CAMPBELL SOUP CO | COM | |
| 134429 90 9 | CAMPBELL SOUP CO | CALL | |
| 134429 95 9 | CAMPBELL SOUP CO | PUT | |
| 13462K 10 9 * | CAMPING WORLD HLDGS INC | CL A | |
| 13462K 90 9 | CAMPING WORLD HLDGS INC | CALL | |
| 13462K 95 9 | CAMPING WORLD HLDGS INC | PUT | |
| 13471N 10 2 * | CAN-FITE BIOPHARMA LTD | SPONSORED ADR | DELETED |
| 13471N 90 2 | CAN-FITE BIOPHARMA LTD | CALL | DELETED |
| 13471N 95 2 | CAN-FITE BIOPHARMA LTD | PUT | DELETED |
| 13471N 20 1 * | CAN FITE BIOPHARMA LTD | SPONSORED ADS | ADDED |
| 13471N 90 1 | CAN FITE BIOPHARMA LTD | CALL | ADDED |
| 13471N 95 1 | CAN FITE BIOPHARMA LTD | PUT | ADDED |
| 135086 10 6 * | CANADA GOOSE HOLDINGS INC | SHS SUB VTG | |
| 135086 90 6 | CANADA GOOSE HOLDINGS INC | CALL | |

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| 135086 95 6 | CANADA GOOSE HOLDINGS INC | PUT | |
| 136069 10 1 * | CDN IMPERIAL BK COMM TORONTO | COM | |
| 136069 90 1 | CDN IMPERIAL BK COMM TORONTO | CALL | |
| 136069 95 1 | CDN IMPERIAL BK COMM TORONTO | PUT | |
| 136375 10 2 * | CANADIAN NATL RY CO | COM | |
| 136375 90 2 | CANADIAN NATL RY CO | CALL | |
| 136375 95 2 | CANADIAN NATL RY CO | PUT | |
| 136385 10 1 * | CANADIAN NAT RES LTD | COM | |
| 136385 90 1 | CANADIAN NAT RES LTD | CALL | |
| 136385 95 1 | CANADIAN NAT RES LTD | PUT | |
| 13645T 10 0 * | CANADIAN PAC RY LTD | COM | |
| 13645T 90 0 | CANADIAN PAC RY LTD | CALL | |
| 13645T 95 0 | CANADIAN PAC RY LTD | PUT | |
| 136635 10 9 * | CANADIAN SOLAR INC | COM | |
| 136635 90 9 | CANADIAN SOLAR INC | CALL | |
| 136635 95 9 | CANADIAN SOLAR INC | PUT | |
| 13739U 10 4 * | CANCER GENETICS INC | COM | |
| 13739U 90 4 | CANCER GENETICS INC | CALL | |
| 13739U 95 4 | CANCER GENETICS INC | PUT | |
| 137586 10 3 | CANGO INC | ADS | |
| 13765N 10 7 * | CANNAE HLDGS INC | COM | |
| 13765N 90 7 | CANNAE HLDGS INC | CALL | |
| 13765N 95 7 | CANNAE HLDGS INC | PUT | |
| 137800 20 7 * | CANNTRUST HLDGS INC | COM | |
| 137800 90 7 | CANNTRUST HLDGS INC | CALL | |
| 137800 95 7 | CANNTRUST HLDGS INC | PUT | |
| 138006 30 9 * | CANON INC | SPONSORED ADR | |
| 138006 90 9 | CANON INC | CALL | |
| 138006 95 9 | CANON INC | PUT | |
| 138035 10 0 * | CANOPY GROWTH CORP | COM | |
| 138035 90 0 | CANOPY GROWTH CORP | CALL | |
| 138035 95 0 | CANOPY GROWTH CORP | PUT | |
| 138098 10 8 * | CANTEL MEDICAL CORP | COM | |
| 138098 90 8 | CANTEL MEDICAL CORP | CALL | |

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| 138098 95 8 | CANTEL MEDICAL CORP | PUT | |
| 13811E 10 1 | CANTERBURY PARK HOLDING CORP | COM | |
| 139674 10 5 | CAPITAL CITY BK GROUP INC | COM | |
| 139737 10 0 | CAPITAL BANCORP INC MD | COM | |
| 14040H 10 5 * | CAPITAL ONE FINL CORP | COM | |
| 14040H 90 5 | CAPITAL ONE FINL CORP | CALL | |
| 14040H 95 5 | CAPITAL ONE FINL CORP | PUT | |
| 140475 10 4 * | CAPITAL SR LIVING CORP | COM | |
| 140475 90 4 | CAPITAL SR LIVING CORP | CALL | |
| 140475 95 4 | CAPITAL SR LIVING CORP | PUT | |
| 140501 10 7 * | CAPITAL SOUTHWEST CORP | COM | |
| 140501 90 7 | CAPITAL SOUTHWEST CORP | CALL | |
| 140501 95 7 | CAPITAL SOUTHWEST CORP | PUT | |
| 14054R 10 6 * | CAPITALA FIN CORP | COM | |
| 14054R 90 6 | CAPITALA FIN CORP | CALL | |
| 14054R 95 6 | CAPITALA FIN CORP | PUT | |
| 14054R 40 3 | CAPITALA FIN CORP | 5.75% NT CV 22 | |
| 14057J 10 1 * | CAPITOL FED FINL INC | COM | |
| 14057J 90 1 | CAPITOL FED FINL INC | CALL | |
| 14057J 95 1 | CAPITOL FED FINL INC | PUT | |
| 14067D 40 9 | CAPSTONE TURBINE CORP | COM NEW | |
| 14067E 50 6 * | CAPSTEAD MTG CORP | COM NO PAR | |
| 14067E 90 6 | CAPSTEAD MTG CORP | CALL | |
| 14067E 95 6 | CAPSTEAD MTG CORP | PUT | |
| 14070B 10 1 | CAPRICOR THERAPEUTICS INC | COM | DELETED |
| 14070B 30 9 | CAPRICOR THERAPEUTICS INC | COM NEW | ADDED |
| 14070T 10 2 | CAPSTAR FINL HLDGS INC | COM | |
| 140755 10 9 * | CARA THERAPEUTICS INC | COM | |
| 140755 90 9 | CARA THERAPEUTICS INC | CALL | |
| 140755 95 9 | CARA THERAPEUTICS INC | PUT | |
| 140781 10 5 * | CARBO CERAMICS INC | COM | |
| 140781 90 5 | CARBO CERAMICS INC | CALL | |
| 140781 95 5 | CARBO CERAMICS INC | PUT | |
| 14081R 10 3 * | CARBON BLACK INC | COM | |

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| 14081R 90 3 | CARBON BLACK INC | CALL | |
| 14081R 95 3 | CARBON BLACK INC | PUT | |
| 141337 AB 1 | CARBONITE INC | NOTE 2.500% 4/0 | |
| 141337 10 5 * | CARBONITE INC | COM | |
| 141337 90 5 | CARBONITE INC | CALL | |
| 141337 95 5 | CARBONITE INC | PUT | |
| 14149Y 10 8 * | CARDINAL HEALTH INC | COM | |
| 14149Y 90 8 | CARDINAL HEALTH INC | CALL | |
| 14149Y 95 8 | CARDINAL HEALTH INC | PUT | |
| 14161H AG 3 | CARDTRONICS INC | NOTE 1.000%12/0 | |
| 14161W 10 5 | CARDLYTICS INC | COM | |
| 141619 10 6 * | CARDIOVASCULAR SYS INC DEL | COM | |
| 141619 90 6 | CARDIOVASCULAR SYS INC DEL | CALL | |
| 141619 95 6 | CARDIOVASCULAR SYS INC DEL | PUT | |
| 141633 10 7 * | CARE COM INC | COM | |
| 141633 90 7 | CARE COM INC | CALL | |
| 141633 95 7 | CARE COM INC | PUT | |
| 141665 10 9 * | CAREER EDUCATION CORP | COM | |
| 141665 90 9 | CAREER EDUCATION CORP | CALL | |
| 141665 95 9 | CAREER EDUCATION CORP | PUT | |
| 14167L 10 3 * | CAREDX INC | COM | |
| 14167L 90 3 | CAREDX INC | CALL | |
| 14167L 95 3 | CAREDX INC | PUT | |
| 14174T 10 7 * | CARETRUST REIT INC | COM | |
| 14174T 90 7 | CARETRUST REIT INC | CALL | |
| 14174T 95 7 | CARETRUST REIT INC | PUT | |
| 141788 10 9 * | CARGURUS INC | COM CL A | |
| 141788 90 9 | CARGURUS INC | CALL | |
| 141788 95 9 | CARGURUS INC | PUT | |
| 142339 10 0 * | CARLISLE COS INC | COM | |
| 142339 90 0 | CARLISLE COS INC | CALL | |
| 142339 95 0 | CARLISLE COS INC | PUT | |
| 14309L 10 2 * | CARLYLE GROUP L P | COM UTS LTD PTN | |
| 14309L 90 2 | CARLYLE GROUP L P | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 14309L 95 2 | CARLYLE GROUP L P | PUT | |
| 143130 10 2 * | CARMAX INC | COM | |
| 143130 90 2 | CARMAX INC | CALL | |
| 143130 95 2 | CARMAX INC | PUT | |
| 14365C 10 3 * | CARNIVAL PLC | ADR | |
| 14365C 90 3 | CARNIVAL PLC | CALL | |
| 14365C 95 3 | CARNIVAL PLC | PUT | |
| 143658 30 0 * | CARNIVAL CORP | UNIT 99/99/9999 | |
| 143658 90 0 | CARNIVAL CORP | CALL | |
| 143658 95 0 | CARNIVAL CORP | PUT | |
| 143873 10 7 | CAROLINA FINL CORP NEW | COM | |
| 143905 AM 9 | CARRIAGE SVCS INC | NOTE 2.750% 3/1 | |
| 143905 10 7 * | CARRIAGE SVCS INC | COM | |
| 143905 90 7 | CARRIAGE SVCS INC | CALL | |
| 143905 95 7 | CARRIAGE SVCS INC | PUT | |
| 14422P 10 5 | CAROLINA TR BANCSHARES INC | COM | |
| 144285 10 3 * | CARPENTER TECHNOLOGY CORP | COM | |
| 144285 90 3 | CARPENTER TECHNOLOGY CORP | CALL | |
| 144285 95 3 | CARPENTER TECHNOLOGY CORP | PUT | |
| 144577 10 3 * | CARRIZO OIL & GAS INC | COM | |
| 144577 90 3 | CARRIZO OIL & GAS INC | CALL | |
| 144577 95 3 | CARRIZO OIL & GAS INC | PUT | |
| 14574X 10 4 * | CARROLS RESTAURANT GROUP INC | COM | |
| 14574X 90 4 | CARROLS RESTAURANT GROUP INC | CALL | |
| 14574X 95 4 | CARROLS RESTAURANT GROUP INC | PUT | |
| 14575E 10 5 * | CARS COM INC | COM | |
| 14575E 90 5 | CARS COM INC | CALL | |
| 14575E 95 5 | CARS COM INC | PUT | |
| 146102 10 8 | CARTER BK & TR MARTINSVILLE | COM | |
| 146229 10 9 * | CARTERS INC | COM | |
| 146229 90 9 | CARTERS INC | CALL | |
| 146229 95 9 | CARTERS INC | PUT | |
| 146869 10 2 * | CARVANA CO | CL A | |
| 146869 90 2 | CARVANA CO | CALL | |

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| 146869 95 2 | CARVANA CO | PUT | |
| 146875 60 4 | CARVER BANCORP INC | COM NEW | |
| 14713L 10 2 * | CASA SYS INC | COM | |
| 14713L 90 2 | CASA SYS INC | CALL | |
| 14713L 95 2 | CASA SYS INC | PUT | |
| 147448 10 4 * | CASELLA WASTE SYS INC | CL A | |
| 147448 90 4 | CASELLA WASTE SYS INC | CALL | |
| 147448 95 4 | CASELLA WASTE SYS INC | PUT | |
| 147528 10 3 * | CASEYS GEN STORES INC | COM | |
| 147528 90 3 | CASEYS GEN STORES INC | CALL | |
| 147528 95 3 | CASEYS GEN STORES INC | PUT | |
| 14757U 10 9 | CASI PHARMACEUTICALS INC | COM | |
| 14808P 10 9 * | CASS INFORMATION SYS INC | COM | |
| 14808P 90 9 | CASS INFORMATION SYS INC | CALL | |
| 14808P 95 9 | CASS INFORMATION SYS INC | PUT | |
| 14817C 10 7 | CASSAVA SCIENCES INC | COM | |
| 148435 10 0 | CASTLE BRANDS INC | COM | |
| 14862Q 10 0 * | CASTLIGHT HEALTH INC | CL B | |
| 14862Q 90 0 | CASTLIGHT HEALTH INC | CALL | |
| 14862Q 95 0 | CASTLIGHT HEALTH INC | PUT | |
| 14875P 20 6 | CATABASIS PHARMACEUTICALS IN | COM NEW | |
| 148806 10 2 * | CATALENT INC | COM | |
| 148806 90 2 | CATALENT INC | CALL | |
| 148806 95 2 | CATALENT INC | PUT | |
| 14888D 20 8 * | CATALYST BIOSCIENCES INC | COM NEW | |
| 14888D 90 8 | CATALYST BIOSCIENCES INC | CALL | |
| 14888D 95 8 | CATALYST BIOSCIENCES INC | PUT | |
| 14888U 10 1 * | CATALYST PHARMACEUTICALS INC | COM | |
| 14888U 90 1 | CATALYST PHARMACEUTICALS INC | CALL | |
| 14888U 95 1 | CATALYST PHARMACEUTICALS INC | PUT | |
| 149049 50 4 * | CATASYS INC | COM PAR | |
| 149049 90 4 | CATASYS INC | CALL | |
| 149049 95 4 | CATASYS INC | PUT | |
| 14912Y 20 2 * | CATCHMARK TIMBER TR INC | CL A | |

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| 14912Y 90 2 | CATCHMARK TIMBER TR INC | CALL | |
| 14912Y 95 2 | CATCHMARK TIMBER TR INC | PUT | |
| 149123 10 1 * | CATERPILLAR INC DEL | COM | |
| 149123 90 1 | CATERPILLAR INC DEL | CALL | |
| 149123 95 1 | CATERPILLAR INC DEL | PUT | |
| 149150 10 4 * | CATHAY GEN BANCORP | COM | |
| 149150 90 4 | CATHAY GEN BANCORP | CALL | |
| 149150 95 4 | CATHAY GEN BANCORP | PUT | |
| 149205 10 6 * | CATO CORP NEW | CL A | |
| 149205 90 6 | CATO CORP NEW | CALL | |
| 149205 95 6 | CATO CORP NEW | PUT | |
| 149568 10 7 * | CAVCO INDS INC DEL | COM | |
| 149568 90 7 | CAVCO INDS INC DEL | CALL | |
| 149568 95 7 | CAVCO INDS INC DEL | PUT | |
| 14986C 10 2 * | CBAK ENERGY TECHNOLOGY INC | COM | |
| 14986C 90 2 | CBAK ENERGY TECHNOLOGY INC | CALL | |
| 14986C 95 2 | CBAK ENERGY TECHNOLOGY INC | PUT | |
| 150185 10 6 * | CEDAR FAIR L P | DEPOSITRY UNIT | |
| 150185 90 6 | CEDAR FAIR L P | CALL | |
| 150185 95 6 | CEDAR FAIR L P | PUT | |
| 150602 20 9 * | CEDAR REALTY TRUST INC | COM NEW | |
| 150602 90 9 | CEDAR REALTY TRUST INC | CALL | |
| 150602 95 9 | CEDAR REALTY TRUST INC | PUT | |
| 150837 60 7 * | CEL SCI CORP | COM PAR NEW | |
| 150837 90 7 | CEL SCI CORP | CALL | |
| 150837 95 7 | CEL SCI CORP | PUT | |
| 150870 10 3 * | CELANESE CORP DEL | COM | |
| 150870 90 3 | CELANESE CORP DEL | CALL | |
| 150870 95 3 | CELANESE CORP DEL | PUT | |
| 15101Q 10 8 * | CELESTICA INC | SUB VTG SHS | |
| 15101Q 90 8 | CELESTICA INC | CALL | |
| 15101Q 95 8 | CELESTICA INC | PUT | |
| 15102K 10 0 | CELCUITY INC | COM | |
| 151020 10 4 * | CELGENE CORP | COM | |

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| 151020 90 4 | CELGENE CORP | CALL | |
| 151020 95 4 | CELGENE CORP | PUT | |
| 151020 11 2 | CELGENE CORP | RIGHT 12/31/2030 | |
| 15116C 10 2 | CELLECT BIOTECHNOLOGY LTD | SPON ADS | |
| 15116C 11 0 | CELLECT BIOTECHNOLOGY LTD | *W EXP 08/03/202 | |
| 15117B 20 2 * | CELLDEX THERAPEUTICS INC NEW | COM NEW | |
| 15117B 90 2 | CELLDEX THERAPEUTICS INC NEW | CALL | |
| 15117B 95 2 | CELLDEX THERAPEUTICS INC NEW | PUT | |
| 15117F 12 0 | CELLECTAR BIOSCIENCES INC | *W EXP 08/20/201 | |
| 15117F 13 8 | CELLECTAR BIOSCIENCES INC | *W EXP 04/20/202 | |
| 15117F 50 0 | CELLECTAR BIOSCIENCES INC | COM PAR | |
| 15117K 10 3 * | CELLECTIS S A | SPONSORED ADS | |
| 15117K 90 3 | CELLECTIS S A | CALL | |
| 15117K 95 3 | CELLECTIS S A | PUT | |
| 15117N 50 3 * | CELSION CORPORATION | COM PAR NEW | |
| 15117N 90 3 | CELSION CORPORATION | CALL | |
| 15117N 95 3 | CELSION CORPORATION | PUT | |
| 15117P 10 2 * | CELLULAR BIOMEDICINE GROUP I | COM NEW | |
| 15117P 90 2 | CELLULAR BIOMEDICINE GROUP I | CALL | |
| 15117P 95 2 | CELLULAR BIOMEDICINE GROUP I | PUT | |
| 15118V 20 7 * | CELSIUS HOLDINGS INC | COM NEW | |
| 15118V 90 7 | CELSIUS HOLDINGS INC | CALL | |
| 15118V 95 7 | CELSIUS HOLDINGS INC | PUT | |
| 151205 20 0 | CELYAD SA | ADR | |
| 15126Q 20 8 | CEMENTOS PACASMAYO S A A | SPONSORED ADR | |
| 151290 BR 3 | CEMEX SAB DE CV | NOTE 3.720% 3/1 | |
| 151290 BT 9 | CEMEX SAB DE CV | NOTE 3.720% 3/1 | |
| 151290 88 9 * | CEMEX SAB DE CV | SPON ADR NEW | |
| 151290 90 9 | CEMEX SAB DE CV | CALL | |
| 151290 95 9 | CEMEX SAB DE CV | PUT | |
| 15130G 11 3 | CEMTREX INC | *W EXP 12/02/202 | |
| 15130G 30 3 | CEMTREX INC | COM PAR | DELETED |
| 15130G 60 0 | CEMTREX INC | COM NEW | ADDED |
| 15135B 10 1 * | CENTENE CORP DEL | COM | |

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| 15135B 90 1 | CENTENE CORP DEL | CALL | |
| 15135B 95 1 | CENTENE CORP DEL | PUT | |
| 15135U 10 9 * | CENOVUS ENERGY INC | COM | |
| 15135U 90 9 | CENOVUS ENERGY INC | CALL | |
| 15135U 95 9 | CENOVUS ENERGY INC | PUT | |
| 15136A 10 2 * | CENTENNIAL RESOURCE DEV INC | CL A | |
| 15136A 90 2 | CENTENNIAL RESOURCE DEV INC | CALL | |
| 15136A 95 2 | CENTENNIAL RESOURCE DEV INC | PUT | |
| 151461 10 0 | CENTER COAST BRKFLD MLP ENRG | SHS BEN INT | |
| 15189T 10 7 * | CENTERPOINT ENERGY INC | COM | |
| 15189T 90 7 | CENTERPOINT ENERGY INC | CALL | |
| 15189T 95 7 | CENTERPOINT ENERGY INC | PUT | |
| 15189T 50 3 | CENTERPOINT ENERGY INC | DEP RP PFD CV B | |
| 15201P 10 9 * | CENTERSTATE BK CORP | COM | |
| 15201P 90 9 | CENTERSTATE BK CORP | CALL | |
| 15201P 95 9 | CENTERSTATE BK CORP | PUT | |
| 15234Q 10 8 * | CENTRAIS ELETRICAS BRASILEIR | SPON ADR PFD B | |
| 15234Q 90 8 | CENTRAIS ELETRICAS BRASILEIR | CALL | |
| 15234Q 95 8 | CENTRAIS ELETRICAS BRASILEIR | PUT | |
| 15234Q 20 7 * | CENTRAIS ELETRICAS BRASILEIR | SPONSORED ADR | |
| 15234Q 90 7 | CENTRAIS ELETRICAS BRASILEIR | CALL | |
| 15234Q 95 7 | CENTRAIS ELETRICAS BRASILEIR | PUT | |
| 153436 10 0 | THE CENTRAL AND EASTERN EU I | COM | |
| 15346Q 40 0 | CENTRAL FED CORP | COM NEW PAR | |
| 153501 10 1 | CENTRAL FD CDA LTD | CL A | |
| 153527 10 6 * | CENTRAL GARDEN & PET CO | COM | |
| 153527 90 6 | CENTRAL GARDEN & PET CO | CALL | |
| 153527 95 6 | CENTRAL GARDEN & PET CO | PUT | |
| 153527 20 5 * | CENTRAL GARDEN & PET CO | CL A NON-VTG | |
| 153527 90 5 | CENTRAL GARDEN & PET CO | CALL | |
| 153527 95 5 | CENTRAL GARDEN & PET CO | PUT | |
| 154760 40 9 * | CENTRAL PAC FINL CORP | COM NEW | |
| 154760 90 9 | CENTRAL PAC FINL CORP | CALL | |
| 154760 95 9 | CENTRAL PAC FINL CORP | PUT | |

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| 155038 20 1 | CENTRAL PUERTO S A | SPONSORED ADR | |
| 155123 10 2 | CENTRAL SECS CORP | COM | |
| 155685 10 0 * | CENTRAL VALLEY CMNTY BANCORP | COM | |
| 155685 90 0 | CENTRAL VALLEY CMNTY BANCORP | CALL | |
| 155685 95 0 | CENTRAL VALLEY CMNTY BANCORP | PUT | |
| 15643U 10 4 | CENTRUS ENERGY CORP | CL A | |
| 156431 10 8 * | CENTURY ALUM CO | COM | |
| 156431 90 8 | CENTURY ALUM CO | CALL | |
| 156431 95 8 | CENTURY ALUM CO | PUT | |
| 156432 10 6 | CENTURY BANCORP INC MASS | CL A NON VTG | |
| 15644G 10 4 * | CENTRIC BRANDS INC | COM | |
| 15644G 90 4 | CENTRIC BRANDS INC | CALL | |
| 15644G 95 4 | CENTRIC BRANDS INC | PUT | |
| 156492 10 0 * | CENTURY CASINOS INC | COM | |
| 156492 90 0 | CENTURY CASINOS INC | CALL | |
| 156492 95 0 | CENTURY CASINOS INC | PUT | |
| 156504 30 0 * | CENTURY CMNTYS INC | COM | |
| 156504 90 0 | CENTURY CMNTYS INC | CALL | |
| 156504 95 0 | CENTURY CMNTYS INC | PUT | |
| 156700 10 6 * | CENTURYLINK INC | COM | |
| 156700 90 6 | CENTURYLINK INC | CALL | |
| 156700 95 6 | CENTURYLINK INC | PUT | |
| 15671L 10 9 * | CERECOR INC | COM | |
| 15671L 90 9 | CERECOR INC | CALL | |
| 15671L 95 9 | CERECOR INC | PUT | |
| 15677J 10 8 * | CERIDIAN HCM HLDG INC | COM | |
| 15677J 90 8 | CERIDIAN HCM HLDG INC | CALL | |
| 15677J 95 8 | CERIDIAN HCM HLDG INC | PUT | |
| 156782 10 4 * | CERNER CORP | COM | |
| 156782 90 4 | CERNER CORP | CALL | |
| 156782 95 4 | CERNER CORP | PUT | |
| 157085 10 1 * | CERUS CORP | COM | |
| 157085 90 1 | CERUS CORP | CALL | |
| 157085 95 1 | CERUS CORP | PUT | |

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| 157131 20 2 | CESCA THERAPEUTICS INC | COM NEW | DELETED |
| 157131 30 1 | CESCA THERAPEUTICS INC | COM | ADDED |
| 157210 10 5 * | CEVA INC | COM | |
| 157210 90 5 | CEVA INC | CALL | |
| 157210 95 5 | CEVA INC | PUT | |
| 15870P 30 7 | CHAMPIONS ONCOLOGY INC | COM NEW | |
| 15911M 10 7 * | CHANGYOU COM LTD | ADS REP CL A | |
| 15911M 90 7 | CHANGYOU COM LTD | CALL | |
| 15911M 95 7 | CHANGYOU COM LTD | PUT | |
| 15912K 10 0 | CHANGE HEALTHCARE INC | COM | ADDED |
| 15912K 20 9 | CHANGE HEALTHCARE INC | UNIT 99/99/9999 | ADDED |
| 159179 10 0 * | CHANNELADVISOR CORP | COM | |
| 159179 90 0 | CHANNELADVISOR CORP | CALL | |
| 159179 95 0 | CHANNELADVISOR CORP | PUT | |
| 15930P 80 0 | CHANTICLEER HLDGS INC | COM PAR | |
| 15942R 20 8 * | CHAPARRAL ENERGY INC | COM CL A | |
| 15942R 90 8 | CHAPARRAL ENERGY INC | CALL | |
| 15942R 95 8 | CHAPARRAL ENERGY INC | PUT | |
| 15957A 10 8 | CHARDAN HEALTHCARE ACQUISITI | COM | |
| 15957A 11 6 | CHARDAN HEALTHCARE ACQUISITI | *W EXP 12/13/202 | |
| 15957A 20 7 | CHARDAN HEALTHCARE ACQUISITI | UNIT 12/13/2023 | |
| 15957P 10 5 | CHARAH SOLUTIONS INC | COM | |
| 159765 10 6 * | CHARLES & COLVARD LTD | COM | |
| 159765 90 6 | CHARLES & COLVARD LTD | CALL | |
| 159765 95 6 | CHARLES & COLVARD LTD | PUT | |
| 159864 10 7 * | CHARLES RIV LABS INTL INC | COM | |
| 159864 90 7 | CHARLES RIV LABS INTL INC | CALL | |
| 159864 95 7 | CHARLES RIV LABS INTL INC | PUT | |
| 16115Q 30 8 * | CHART INDS INC | COM PAR \$0.01 | |
| 16115Q 90 8 | CHART INDS INC | CALL | |
| 16115Q 95 8 | CHART INDS INC | PUT | |
| 16119P 10 8 * | CHARTER COMMUNICATIONS INC N | CL A | |
| 16119P 90 8 | CHARTER COMMUNICATIONS INC N | CALL | |
| 16119P 95 8 | CHARTER COMMUNICATIONS INC N | PUT | |

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| 16150R 10 4 | CHASE CORP | COM | |
| 16166A 10 3 | CHASERG TECHNLOGY ACQUISITN C | CLASS A | |
| 16166A 11 1 | CHASERG TECHNLOGY ACQUISITN C | *W EXP 04/10/202 | |
| 16166A 20 2 | CHASERG TECHNLOGY ACQUISITN C | UNIT 09/30/2023 | |
| 16208T 10 2 * | CHATHAM LODGING TR | COM | |
| 16208T 90 2 | CHATHAM LODGING TR | CALL | |
| 16208T 95 2 | CHATHAM LODGING TR | PUT | |
| 162828 10 7 | CHECKPOINT THERAPEUTICS INC | COM | |
| 163072 10 1 * | CHEESECAKE FACTORY INC | COM | |
| 163072 90 1 | CHEESECAKE FACTORY INC | CALL | |
| 163072 95 1 | CHEESECAKE FACTORY INC | PUT | |
| 163075 10 4 * | CHEETAH MOBILE INC | ADR | |
| 163075 90 4 | CHEETAH MOBILE INC | CALL | |
| 163075 95 4 | CHEETAH MOBILE INC | PUT | |
| 163086 10 1 * | CHEFS WHSE INC | COM | |
| 163086 90 1 | CHEFS WHSE INC | CALL | |
| 163086 95 1 | CHEFS WHSE INC | PUT | |
| 163092 AB 5 | CHEGG INC | NOTE 0.250% 5/1 | ADDED |
| 163092 10 9 * | CHEGG INC | COM | |
| 163092 90 9 | CHEGG INC | CALL | |
| 163092 95 9 | CHEGG INC | PUT | |
| 163572 20 9 | CHEMBIO DIAGNOSTICS INC | COM NEW | |
| 16359R 10 3 * | CHEMED CORP NEW | COM | |
| 16359R 90 3 | CHEMED CORP NEW | CALL | |
| 16359R 95 3 | CHEMED CORP NEW | PUT | |
| 163731 10 2 * | CHEMICAL FINL CORP | COM | |
| 163731 90 2 | CHEMICAL FINL CORP | CALL | |
| 163731 95 2 | CHEMICAL FINL CORP | PUT | |
| 16383L 10 6 * | CHEMOCENTRYX INC | COM | |
| 16383L 90 6 | CHEMOCENTRYX INC | CALL | |
| 16383L 95 6 | CHEMOCENTRYX INC | PUT | |
| 163851 10 8 * | CHEMOURS CO | COM | |
| 163851 90 8 | CHEMOURS CO | CALL | |
| 163851 95 8 | CHEMOURS CO | PUT | |

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| 164024 10 1 | CHEMUNG FINL CORP | COM | |
| 16411Q 10 1 * | CHENIERE ENERGY PARTNERS LP | COM UNIT | |
| 16411Q 90 1 | CHENIERE ENERGY PARTNERS LP | CALL | |
| 16411Q 95 1 | CHENIERE ENERGY PARTNERS LP | PUT | |
| 16411R AG 4 | CHENIERE ENERGY INC | NOTE 4.250% 3/1 | |
| 16411R 20 8 * | CHENIERE ENERGY INC | COM NEW | |
| 16411R 90 8 | CHENIERE ENERGY INC | CALL | |
| 16411R 95 8 | CHENIERE ENERGY INC | PUT | |
| 16444H 10 2 * | CHEROKEE INC DEL NEW | COM | DELETED |
| 16444H 90 2 | CHEROKEE INC DEL NEW | CALL | DELETED |
| 16444H 95 2 | CHEROKEE INC DEL NEW | PUT | DELETED |
| 164651 10 1 | CHERRY HILL MTG INVT CORP | COM | |
| 165167 CY 1 | CHESAPEAKE ENERGY CORP | NOTE 5.500% 9/1 | |
| 165167 10 7 * | CHESAPEAKE ENERGY CORP | COM | |
| 165167 90 7 | CHESAPEAKE ENERGY CORP | CALL | |
| 165167 95 7 | CHESAPEAKE ENERGY CORP | PUT | |
| 165167 84 2 | CHESAPEAKE ENERGY CORP | PFD CONV | |
| 165185 10 9 * | CHESAPEAKE GRANITE WASH TR | COM SH BEN INT | |
| 165185 90 9 | CHESAPEAKE GRANITE WASH TR | CALL | |
| 165185 95 9 | CHESAPEAKE GRANITE WASH TR | PUT | |
| 165240 10 2 * | CHESAPEAKE LODGING TR | SH BEN INT | |
| 165240 90 2 | CHESAPEAKE LODGING TR | CALL | |
| 165240 95 2 | CHESAPEAKE LODGING TR | PUT | |
| 165303 10 8 * | CHESAPEAKE UTILS CORP | COM | |
| 165303 90 8 | CHESAPEAKE UTILS CORP | CALL | |
| 165303 95 8 | CHESAPEAKE UTILS CORP | PUT | |
| 166764 10 0 * | CHEVRON CORP NEW | COM | |
| 166764 90 0 | CHEVRON CORP NEW | CALL | |
| 166764 95 0 | CHEVRON CORP NEW | PUT | |
| 16679L 10 9 * | CHEWY INC | CL A | ADDED |
| 16679L 90 9 | CHEWY INC | CALL | ADDED |
| 16679L 95 9 | CHEWY INC | PUT | ADDED |
| 16706W 10 2 | CHIASMA INC | COM | |
| 168088 10 2 | CHICAGO RIVET & MACH CO | COM | |

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| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|-----------------|------------------------------|---------------------------|---------------|
| 16842Q 10 0 | CHICKEN SOUP FOR THE SOUL EN | CL A | |
| 168615 10 2 * | CHICOS FAS INC | COM | |
| 168615 90 2 | CHICOS FAS INC | CALL | |
| 168615 95 2 | CHICOS FAS INC | PUT | |
| 16890T 10 5 * | CHINA NEW BORUN CORP | ADR | DELETED |
| 16890T 90 5 | CHINA NEW BORUN CORP | CALL | DELETED |
| 16890T 95 5 | CHINA NEW BORUN CORP | PUT | DELETED |
| 168905 10 7 * | CHILDRENS PL INC | COM | |
| 168905 90 7 | CHILDRENS PL INC | CALL | |
| 168905 95 7 | CHILDRENS PL INC | PUT | |
| 168913 20 0 * | CHINA RECYCLING ENERGY CORP | COM NEW | |
| 168913 90 0 | CHINA RECYCLING ENERGY CORP | CALL | |
| 168913 95 0 | CHINA RECYCLING ENERGY CORP | PUT | |
| 16934Q 20 8 * | CHIMERA INVT CORP | COM NEW | |
| 16934Q 90 8 | CHIMERA INVT CORP | CALL | |
| 16934Q 95 8 | CHIMERA INVT CORP | PUT | |
| 16934W 10 6 * | CHIMERIX INC | COM | |
| 16934W 90 6 | CHIMERIX INC | CALL | |
| 16934W 95 6 | CHIMERIX INC | PUT | |
| 16936R 10 5 * | CHINA AUTOMOTIVE SYS INC | COM | |
| 16936R 90 5 | CHINA AUTOMOTIVE SYS INC | CALL | |
| 16936R 95 5 | CHINA AUTOMOTIVE SYS INC | PUT | |
| 16937R 10 4 * | CHINA EASTN AIRLS LTD | SPON ADR CL H | |
| 16937R 90 4 | CHINA EASTN AIRLS LTD | CALL | |
| 16937R 95 4 | CHINA EASTN AIRLS LTD | PUT | |
| 169373 10 7 * | CHINA FD INC | COM | |
| 169373 90 7 | CHINA FD INC | CALL | |
| 169373 95 7 | CHINA FD INC | PUT | |
| 169379 10 4 * | CHINA FIN ONLINE CO LTD | SPONSORED ADR | |
| 169379 90 4 | CHINA FIN ONLINE CO LTD | CALL | |
| 169379 95 4 | CHINA FIN ONLINE CO LTD | PUT | |
| 16939P 10 6 * | CHINA LIFE INS CO LTD | SPON ADR REP H | |
| 16939P 90 6 | CHINA LIFE INS CO LTD | CALL | |
| 16939P 95 6 | CHINA LIFE INS CO LTD | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 169409 10 9 * | CHINA SOUTHN AIRLS LTD | SPON ADR CL H | |
| 169409 90 9 | CHINA SOUTHN AIRLS LTD | CALL | |
| 169409 95 9 | CHINA SOUTHN AIRLS LTD | PUT | |
| 16941M 10 9 * | CHINA MOBILE LIMITED | SPONSORED ADR | |
| 16941M 90 9 | CHINA MOBILE LIMITED | CALL | |
| 16941M 95 9 | CHINA MOBILE LIMITED | PUT | |
| 16941R 10 8 * | CHINA PETE & CHEM CORP | SPON ADR H SHS | |
| 16941R 90 8 | CHINA PETE & CHEM CORP | CALL | |
| 16941R 95 8 | CHINA PETE & CHEM CORP | PUT | |
| 16941T 10 4 | CHINA PHARMA HLDGS INC | COM | |
| 169424 20 7 | CHINA TECHFAITH WIRLS COMM T | SPON ADR NEW | |
| 169426 10 3 * | CHINA TELECOM CORP LTD | SPON ADR H SHS | |
| 169426 90 3 | CHINA TELECOM CORP LTD | CALL | |
| 169426 95 3 | CHINA TELECOM CORP LTD | PUT | |
| 16943W 10 5 * | CHINA GREEN AGRICULTURE INC | COM | DELETED |
| 16943W 90 5 | CHINA GREEN AGRICULTURE INC | CALL | DELETED |
| 16943W 95 5 | CHINA GREEN AGRICULTURE INC | PUT | DELETED |
| 16943W 20 4 * | CHINA GREEN AGRICULTURE INC | COM NEW | ADDED |
| 16943W 90 4 | CHINA GREEN AGRICULTURE INC | CALL | ADDED |
| 16943W 95 4 | CHINA GREEN AGRICULTURE INC | PUT | ADDED |
| 16944W 10 4 * | CHINA DISTANCE ED HLDGS LTD | SPONS ADR | |
| 16944W 90 4 | CHINA DISTANCE ED HLDGS LTD | CALL | |
| 16944W 95 4 | CHINA DISTANCE ED HLDGS LTD | PUT | |
| 16945R 10 4 * | CHINA UNICOM (HONG KONG) LTD | SPONSORED ADR | |
| 16945R 90 4 | CHINA UNICOM (HONG KONG) LTD | CALL | |
| 16945R 95 4 | CHINA UNICOM (HONG KONG) LTD | PUT | |
| 16948F 10 7 * | CHINA XD PLASTICS CO LTD | COM | |
| 16948F 90 7 | CHINA XD PLASTICS CO LTD | CALL | |
| 16948F 95 7 | CHINA XD PLASTICS CO LTD | PUT | |
| 16948W 10 0 | CHINA HGS REAL ESTATE INC | COM | |
| 16949A 20 6 | CHINA JO-JO DRUGSTORES INC | COM NEW | |
| 16949H 20 1 * | CHINANET ONLINE HLDGS INC | COM NEW | |
| 16949H 90 1 | CHINANET ONLINE HLDGS INC | CALL | |
| 16949H 95 1 | CHINANET ONLINE HLDGS INC | PUT | |

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| 16949N AC 3 | CHINA LODGING GROUP LTD | NOTE 0.375%11/0 | |
| 16950M 10 7 * | CHINACACHE INTL HLDG LTD | SPONSORED ADR | |
| 16950M 90 7 | CHINACACHE INTL HLDG LTD | CALL | |
| 16950M 95 7 | CHINACACHE INTL HLDG LTD | PUT | |
| 16953Q 10 5 * | CHINA RAPID FIN LTD | SPONSORED ADR | |
| 16953Q 90 5 | CHINA RAPID FIN LTD | CALL | |
| 16953Q 95 5 | CHINA RAPID FIN LTD | PUT | |
| 16954L 10 5 | CHINA ONLINE ED GROUP | SPONSORED ADR | |
| 16954W 10 1 | CHINA INDEX HLDGS LTD | SPNSRD ADS A | ADDED |
| 16955B 10 6 | CHINA BAT GROUP INC | COM | DELETED |
| 16965P 20 2 * | CHIPMOS TECHNOLOGIES INC | SPONSORD ADS NEW | |
| 16965P 90 2 | CHIPMOS TECHNOLOGIES INC | CALL | |
| 16965P 95 2 | CHIPMOS TECHNOLOGIES INC | PUT | |
| 169656 10 5 * | CHIPOTLE MEXICAN GRILL INC | COM | |
| 169656 90 5 | CHIPOTLE MEXICAN GRILL INC | CALL | |
| 169656 95 5 | CHIPOTLE MEXICAN GRILL INC | PUT | |
| 169905 10 6 * | CHOICE HOTELS INTL INC | COM | |
| 169905 90 6 | CHOICE HOTELS INTL INC | CALL | |
| 169905 95 6 | CHOICE HOTELS INTL INC | PUT | |
| 171046 10 5 * | CHRISTOPHER & BANKS CORP | COM | DELETED |
| 171046 90 5 | CHRISTOPHER & BANKS CORP | CALL | DELETED |
| 171046 95 5 | CHRISTOPHER & BANKS CORP | PUT | DELETED |
| 171077 40 7 * | CHROMADEX CORP | COM NEW | |
| 171077 90 7 | CHROMADEX CORP | CALL | |
| 171077 95 7 | CHROMADEX CORP | PUT | |
| 17133Q 50 2 * | CHUNGHWA TELECOM CO LTD | SPON ADR NEW11 | |
| 17133Q 90 2 | CHUNGHWA TELECOM CO LTD | CALL | |
| 17133Q 95 2 | CHUNGHWA TELECOM CO LTD | PUT | |
| 171340 10 2 * | CHURCH & DWIGHT INC | COM | |
| 171340 90 2 | CHURCH & DWIGHT INC | CALL | |
| 171340 95 2 | CHURCH & DWIGHT INC | PUT | |
| 17142R 10 3 | CHURCHILL CAP CORP | COM CL A | DELETED |
| 17142R 11 1 | CHURCHILL CAP CORP | *W EXP 09/11/202 | DELETED |
| 17142R 20 2 | CHURCHILL CAP CORP | UNIT 99/99/9999 | DELETED |

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|-----------------|-------------------------|---------------------------|---------------|
| 17143G 20 5 | CHURCHILL CAP CORP II | UNIT 99/99/9999 | ADDED |
| 171484 10 8 * | CHURCHILL DOWNS INC | COM | |
| 171484 90 8 | CHURCHILL DOWNS INC | CALL | |
| 171484 95 8 | CHURCHILL DOWNS INC | PUT | |
| 171604 10 1 * | CHUYS HLDGS INC | COM | |
| 171604 90 1 | CHUYS HLDGS INC | CALL | |
| 171604 95 1 | CHUYS HLDGS INC | PUT | |
| 171757 10 7 * | CIDARA THERAPEUTICS INC | COM | |
| 171757 90 7 | CIDARA THERAPEUTICS INC | CALL | |
| 171757 95 7 | CIDARA THERAPEUTICS INC | PUT | |
| 171779 30 9 * | CIENA CORP | COM NEW | |
| 171779 90 9 | CIENA CORP | CALL | |
| 171779 95 9 | CIENA CORP | PUT | |
| 171798 10 1 * | CIMAREX ENERGY CO | COM | |
| 171798 90 1 | CIMAREX ENERGY CO | CALL | |
| 171798 95 1 | CIMAREX ENERGY CO | PUT | |
| 171871 40 3 | CINCINNATI BELL INC NEW | PFD CV DEP1/20 | |
| 171871 50 2 * | CINCINNATI BELL INC NEW | COM NEW | |
| 171871 90 2 | CINCINNATI BELL INC NEW | CALL | |
| 171871 95 2 | CINCINNATI BELL INC NEW | PUT | |
| 172062 10 1 * | CINCINNATI FINL CORP | COM | |
| 172062 90 1 | CINCINNATI FINL CORP | CALL | |
| 172062 95 1 | CINCINNATI FINL CORP | PUT | |
| 172406 20 9 | CINEDIGM CORP | COM NEW | |
| 17243V 10 2 * | CINEMARK HOLDINGS INC | COM | |
| 17243V 90 2 | CINEMARK HOLDINGS INC | CALL | |
| 17243V 95 2 | CINEMARK HOLDINGS INC | PUT | |
| 172464 10 9 | CINER RES LP | COM UNIT LTD | |
| 17273K 10 9 * | CIRCOR INTL INC | COM | |
| 17273K 90 9 | CIRCOR INTL INC | CALL | |
| 17273K 95 9 | CIRCOR INTL INC | PUT | |
| 17275R 10 2 * | CISCO SYS INC | COM | |
| 17275R 90 2 | CISCO SYS INC | CALL | |
| 17275R 95 2 | CISCO SYS INC | PUT | |

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| 172755 10 0 * | CIRRUS LOGIC INC | COM | |
| 172755 90 0 | CIRRUS LOGIC INC | CALL | |
| 172755 95 0 | CIRRUS LOGIC INC | PUT | |
| 172908 10 5 * | CINTAS CORP | COM | |
| 172908 90 5 | CINTAS CORP | CALL | |
| 172908 95 5 | CINTAS CORP | PUT | |
| 172922 10 6 * | CITIZENS & NORTHN CORP | COM | |
| 172922 90 6 | CITIZENS & NORTHN CORP | CALL | |
| 172922 95 6 | CITIZENS & NORTHN CORP | PUT | |
| 172967 42 4 * | CITIGROUP INC | COM NEW | |
| 172967 90 4 | CITIGROUP INC | CALL | |
| 172967 95 4 | CITIGROUP INC | PUT | |
| 17306X 10 2 * | CITI TRENDS INC | COM | |
| 17306X 90 2 | CITI TRENDS INC | CALL | |
| 17306X 95 2 | CITI TRENDS INC | PUT | |
| 17321F 20 1 | CITIGROUP INC NEW | CTRAKS ETN MILLR | |
| 17322H 14 9 | CITIGROUP INC NEW | HOW STRAT DIV | |
| 17322U 11 6 | CITIUS PHARMACEUTICALS INC | *W EXP 08/08/202 | |
| 17322U 20 7 | CITIUS PHARMACEUTICALS INC | COM NEW | |
| 17324P 85 9 | CITIGROUP GLOBAL MKTS HLDGS | GEN VAR 26 | |
| 17325E 29 1 | CITIGROUP GLOBAL MKTS HLDGS | VLCTYSHS 3X LNG | |
| 17325E 30 9 | CITIGROUP GLOBAL MKTS HLDGS | VLCTYSHS 3X INV | |
| 17325K 52 9 | CITIGROUP GBL MKTS HLDGS INC | VELOCITYSHS SHRT | |
| 17325K 74 3 * | CITIGROUP GBL MKTS HLDGS INC | VELOCITYSHS LONG | |
| 17325K 90 3 | CITIGROUP GBL MKTS HLDGS INC | CALL | |
| 17325K 95 3 | CITIGROUP GBL MKTS HLDGS INC | PUT | |
| 17326E 15 9 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS USDGBP | |
| 17326E 23 3 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS USDCF | |
| 17326E 46 4 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS GBPUSD | |
| 17326E 48 0 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS USDEUR | |
| 17326E 57 1 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS EURUSD | |
| 17326E 60 5 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS AUDUSD | |
| 17326E 64 7 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS USDAUD | |
| 17326E 65 4 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS JPYUSD | |

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|---------------|------------------------------|--------------------|---------|
| 17326E 66 2 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS USDJPY | |
| 17326E 70 4 | CITIGROUP GLOBAL MKT HLDGS I | VELCTYSHS CHFUSD | |
| 174610 10 5 * | CITIZENS FINL GROUP INC | COM | |
| 174610 90 5 | CITIZENS FINL GROUP INC | CALL | |
| 174610 95 5 | CITIZENS FINL GROUP INC | PUT | |
| 17462Q 10 7 | CITIZENS FIRST CORP | COM | |
| 174715 10 2 | CITIZENS HLDG CO MISS | COM | |
| 174740 10 0 * | CITIZENS INC | CL A | |
| 174740 90 0 | CITIZENS INC | CALL | |
| 174740 95 0 | CITIZENS INC | PUT | |
| 174903 10 4 | CITIZENS CMNTY BANCORP INC M | COM | |
| 177376 AD 2 | CITRIX SYS INC | NOTE 0.500% 4/1 | DELETED |
| 177376 10 0 * | CITRIX SYS INC | COM | |
| 177376 90 0 | CITRIX SYS INC | CALL | |
| 177376 95 0 | CITRIX SYS INC | PUT | |
| 177835 10 5 * | CITY HLDG CO | COM | |
| 177835 90 5 | CITY HLDG CO | CALL | |
| 177835 95 5 | CITY HLDG CO | PUT | |
| 178587 10 1 * | CITY OFFICE REIT INC | COM | |
| 178587 90 1 | CITY OFFICE REIT INC | CALL | |
| 178587 95 1 | CITY OFFICE REIT INC | PUT | |
| 17878Y 10 8 * | CIVEO CORP CDA | COM | |
| 17878Y 90 8 | CIVEO CORP CDA | CALL | |
| 17878Y 95 8 | CIVEO CORP CDA | PUT | |
| 178867 10 7 * | CIVISTA BANCSHARES INC | COM NO PAR | |
| 178867 90 7 | CIVISTA BANCSHARES INC | CALL | |
| 178867 95 7 | CIVISTA BANCSHARES INC | PUT | |
| 178867 20 6 | CIVISTA BANCSHARES INC | 6.50% PFD SER B | |
| 18270P 10 9 * | CLARUS CORP NEW | COM | |
| 18270P 90 9 | CLARUS CORP NEW | CALL | |
| 18270P 95 9 | CLARUS CORP NEW | PUT | |
| 184496 10 7 * | CLEAN HARBORS INC | COM | |
| 184496 90 7 | CLEAN HARBORS INC | CALL | |
| 184496 95 7 | CLEAN HARBORS INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 184499 10 1 * | CLEAN ENERGY FUELS CORP | COM | |
| 184499 90 1 | CLEAN ENERGY FUELS CORP | CALL | |
| 184499 95 1 | CLEAN ENERGY FUELS CORP | PUT | |
| 18451C 10 9 * | CLEAR CHANNEL OUTDOOR HLDGS | CL A | DELETED |
| 18451C 90 9 | CLEAR CHANNEL OUTDOOR HLDGS | CALL | DELETED |
| 18451C 95 9 | CLEAR CHANNEL OUTDOOR HLDGS | PUT | DELETED |
| 18453H 10 6 * | CLEAR CHANNEL OUTDOOR HLDGS | COM | ADDED |
| 18453H 90 6 | CLEAR CHANNEL OUTDOOR HLDGS | CALL | ADDED |
| 18453H 95 6 | CLEAR CHANNEL OUTDOOR HLDGS | PUT | ADDED |
| 18469P 10 0 | CLEARBRIDGE ENERGY MIDSTRM O | COM | |
| 18469Q 10 8 | CLEARBRIDGE MLP AND MIDSTRM | COM | |
| 184692 10 1 | CLEARBRIDGE MLP AND MIDSTRM | COM | |
| 18482P 10 3 * | CLEARFIELD INC | COM | |
| 18482P 90 3 | CLEARFIELD INC | CALL | |
| 18482P 95 3 | CLEARFIELD INC | PUT | |
| 18506U 10 4 | CLEARONE INC | COM | |
| 185063 10 4 * | CLEARSIDE BIOMEDICAL INC | COM | |
| 185063 90 4 | CLEARSIDE BIOMEDICAL INC | CALL | |
| 185063 95 4 | CLEARSIDE BIOMEDICAL INC | PUT | |
| 185064 10 2 * | CLEARSIGN COMBUSTION CORP | COM | |
| 185064 90 2 | CLEARSIGN COMBUSTION CORP | CALL | |
| 185064 95 2 | CLEARSIGN COMBUSTION CORP | PUT | |
| 18538R 10 3 * | CLEARWATER PAPER CORP | COM | |
| 18538R 90 3 | CLEARWATER PAPER CORP | CALL | |
| 18538R 95 3 | CLEARWATER PAPER CORP | PUT | |
| 18539C 10 5 * | CLEARWAY ENERGY INC | CL A | |
| 18539C 90 5 | CLEARWAY ENERGY INC | CALL | |
| 18539C 95 5 | CLEARWAY ENERGY INC | PUT | |
| 18539C 20 4 * | CLEARWAY ENERGY INC | CL C | |
| 18539C 90 4 | CLEARWAY ENERGY INC | CALL | |
| 18539C 95 4 | CLEARWAY ENERGY INC | PUT | |
| 185575 10 7 | CLEMENTIA PHARMACEUTICALS IN | COM | DELETED |
| 185860 20 2 * | CLEVELAND BIOLABS INC | COM NEW | |
| 185860 90 2 | CLEVELAND BIOLABS INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 185860 95 2 | CLEVELAND BIOLABS INC | PUT | |
| 185899 AA 9 | CLEVELAND CLIFFS INC | DBCV 1.500% 1/1 | |
| 185899 10 1 * | CLEVELAND CLIFFS INC | COM | |
| 185899 90 1 | CLEVELAND CLIFFS INC | CALL | |
| 185899 95 1 | CLEVELAND CLIFFS INC | PUT | |
| 18885T 30 6 | CLIPPER RLTY INC | COM | |
| 189054 10 9 * | CLOROX CO DEL | COM | |
| 189054 90 9 | CLOROX CO DEL | CALL | |
| 189054 95 9 | CLOROX CO DEL | PUT | |
| 18913Y 10 3 | CLOUGH GLOBAL DIVND AND INC | COM | |
| 18914C 10 0 | CLOUGH GLOBAL EQUITY FD | COM | |
| 18914E 10 6 | CLOUGH GLOBAL OPPORTUNITIES | SH BEN INT | |
| 18914U 10 0 * | CLOUDERA INC | COM | |
| 18914U 90 0 | CLOUDERA INC | CALL | |
| 18914U 95 0 | CLOUDERA INC | PUT | |
| 189464 AB 6 | CLOVIS ONCOLOGY INC | NOTE 2.500% 9/1 | |
| 189464 AC 4 | CLOVIS ONCOLOGY INC | NOTE 1.250% 5/0 | |
| 189464 10 0 * | CLOVIS ONCOLOGY INC | COM | |
| 189464 90 0 | CLOVIS ONCOLOGY INC | CALL | |
| 189464 95 0 | CLOVIS ONCOLOGY INC | PUT | |
| 189763 10 5 | CO DIAGNOSTICS INC | COM | |
| 18979T 10 5 | CNFINANCE HLDGS LTD | SPON ADS | |
| 19046P 20 9 | COASTAL FINL CORP WA | COM NEW | |
| 191098 10 2 | COCA COLA CONSOLIDATED INC | COM | |
| 191216 10 0 * | COCA COLA CO | COM | |
| 191216 90 0 | COCA COLA CO | CALL | |
| 191216 95 0 | COCA COLA CO | PUT | |
| 191241 10 8 * | COCA COLA FEMSA S A B DE C V | SPONSORD ADR REP | |
| 191241 90 8 | COCA COLA FEMSA S A B DE C V | CALL | |
| 191241 95 8 | COCA COLA FEMSA S A B DE C V | PUT | |
| 19188J 30 0 | COCRYSTAL PHARMA INC | COM PAR | |
| 19188U 20 6 | CODA OCTOPUS GROUP INC | COM NEW | |
| 192005 10 6 * | CODEXIS INC | COM | |
| 192005 90 6 | CODEXIS INC | CALL | |

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| 192005 95 6 | CODEXIS INC | PUT | |
| 192025 10 4 | CODORUS VY BANCORP INC | COM | |
| 192108 50 4 * | COEUR MNG INC | COM NEW | |
| 192108 90 4 | COEUR MNG INC | CALL | |
| 192108 95 4 | COEUR MNG INC | PUT | |
| 192176 10 5 | COFFEE HLDG CO INC | COM | |
| 19239V 30 2 * | COGENT COMMUNICATIONS HLDGS | COM NEW | |
| 19239V 90 2 | COGENT COMMUNICATIONS HLDGS | CALL | |
| 19239V 95 2 | COGENT COMMUNICATIONS HLDGS | PUT | |
| 192422 10 3 * | COGNEX CORP | COM | |
| 192422 90 3 | COGNEX CORP | CALL | |
| 192422 95 3 | COGNEX CORP | PUT | |
| 192446 10 2 * | COGNIZANT TECHNOLOGY SOLUTIO | CL A | |
| 192446 90 2 | COGNIZANT TECHNOLOGY SOLUTIO | CALL | |
| 192446 95 2 | COGNIZANT TECHNOLOGY SOLUTIO | PUT | |
| 19247A 10 0 * | COHEN & STEERS INC | COM | |
| 19247A 90 0 | COHEN & STEERS INC | CALL | |
| 19247A 95 0 | COHEN & STEERS INC | PUT | |
| 19247L 10 6 | COHEN & STEERS QUALITY RLTY | COM | |
| 19247R 10 3 | COHEN & STEERS TOTAL RETURN | COM | |
| 19247X 10 0 | COHEN & STEERS REIT & PFD & I | COM | |
| 192479 10 3 * | COHERENT INC | COM | |
| 192479 90 3 | COHERENT INC | CALL | |
| 192479 95 3 | COHERENT INC | PUT | |
| 19248A 10 9 | COHEN & STEERS INFRASTRUCTUR | COM | |
| 19248C 10 5 | COHEN & STEERS LTD DUR PFD I | COM | |
| 19248M 10 3 | COHEN & STEERS GLOBAL INC BL | COM | |
| 19248P 10 6 | COHEN & STEERS CLOSED END OP | COM | |
| 19248Y 10 7 | COHEN & STEERS SLT PFD INCM | COM | |
| 19249B 10 6 | COHEN & STEERS MLP INC & ENR | COM SHS | |
| 19249H 10 3 * | COHERUS BIOSCIENCES INC | COM | |
| 19249H 90 3 | COHERUS BIOSCIENCES INC | CALL | |
| 19249H 95 3 | COHERUS BIOSCIENCES INC | PUT | |
| 19249J 10 9 | COHBAR INC | COM | |

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| 19249M 10 2 | COHEN & CO INC NEW | COM | |
| 192576 10 6 * | COHU INC | COM | |
| 192576 90 6 | COHU INC | CALL | |
| 192576 95 6 | COHU INC | PUT | |
| 194014 10 6 * | COLFAX CORP | COM | |
| 194014 90 6 | COLFAX CORP | CALL | |
| 194014 95 6 | COLFAX CORP | PUT | |
| 194014 20 5 | COLFAX CORP | UNIT 01/15/2022T | |
| 194162 10 3 * | COLGATE PALMOLIVE CO | COM | |
| 194162 90 3 | COLGATE PALMOLIVE CO | CALL | |
| 194162 95 3 | COLGATE PALMOLIVE CO | PUT | |
| 19421R 20 0 * | COLLECTORS UNIVERSE INC | COM NEW | |
| 19421R 90 0 | COLLECTORS UNIVERSE INC | CALL | |
| 19421R 95 0 | COLLECTORS UNIVERSE INC | PUT | |
| 19423L 85 4 | COLLABORATIVE INVESTMNT SER | TACTICAL INCOM | ADDED |
| 19459J 10 4 * | COLLEGIUM PHARMACEUTICAL INC | COM | |
| 19459J 90 4 | COLLEGIUM PHARMACEUTICAL INC | CALL | |
| 19459J 95 4 | COLLEGIUM PHARMACEUTICAL INC | PUT | |
| 194693 10 7 * | COLLIERS INTL GROUP INC | SUB VTG SHS | |
| 194693 90 7 | COLLIERS INTL GROUP INC | CALL | |
| 194693 95 7 | COLLIERS INTL GROUP INC | PUT | |
| 19516Q 20 8 | COLLPLANT HLDGS LTD | SPONSORED ADR NE | DELETED |
| 19516R 10 7 | COLLPLANT BIOTECHNOLOGIES LT | ADS | ADDED |
| 19623P 10 1 | COLONY BANKCORP INC | COM | |
| 19624R AA 4 | COLONY CAP INC | NOTE 5.000% 4/1 | |
| 19624R AB 2 | COLONY CAP INC | NOTE 3.875% 1/1 | |
| 19625T 10 1 | COLONY CR REAL ESTATE INC | COM CL A | |
| 19625X AB 8 | COLONY STARWOOD HOMES | NOTE 3.500% 1/1 | |
| 19626G 10 8 * | COLONY CAP INC NEW | CL A COM | |
| 19626G 90 8 | COLONY CAP INC NEW | CALL | |
| 19626G 95 8 | COLONY CAP INC NEW | PUT | |
| 197236 10 2 * | COLUMBIA BKG SYS INC | COM | |
| 197236 90 2 | COLUMBIA BKG SYS INC | CALL | |
| 197236 95 2 | COLUMBIA BKG SYS INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 19761L 10 2 | COLUMBIA ETF TR I | SUSTANBLE GLBL | |
| 19761L 20 1 | COLUMBIA ETF TR I | SUSTNBLE INTL | |
| 19761L 30 0 | COLUMBIA ETF TR I | SUSTANABLE US | |
| 19761L 50 8 | COLUMBIA ETF TR I | DIVERSIFID FXD | |
| 19761L 60 7 | COLUMBIA ETF TR I | MULTI SEC MUNI | |
| 19762B 10 3 | COLUMBIA ETF TR II | BEYOND BRICS ETF | DELETED |
| 19762B 20 2 | COLUMBIA ETF TR II | EM CORE EX ETF | |
| 19762B 30 1 | COLUMBIA ETF TR II | EM QUALITY ETF | DELETED |
| 19762B 50 9 * | COLUMBIA ETF TR II | EMRG MARKETS ETF | |
| 19762B 90 9 | COLUMBIA ETF TR II | CALL | |
| 19762B 95 9 | COLUMBIA ETF TR II | PUT | |
| 19762B 70 7 | COLUMBIA ETF TR II | INDIA CONSMR ETF | |
| 19762B 80 6 * | COLUMBIA ETF TR II | INDIA INFRSR ETF | DELETED |
| 19762B 90 6 | COLUMBIA ETF TR II | CALL | DELETED |
| 19762B 95 6 | COLUMBIA ETF TR II | PUT | DELETED |
| 19762B 88 9 | COLUMBIA ETF TR II | INDIA SML CP ETF | DELETED |
| 197641 10 3 * | COLUMBIA FINL INC | COM | |
| 197641 90 3 | COLUMBIA FINL INC | CALL | |
| 197641 95 3 | COLUMBIA FINL INC | PUT | |
| 198287 20 3 * | COLUMBIA PPTY TR INC | COM NEW | |
| 198287 90 3 | COLUMBIA PPTY TR INC | CALL | |
| 198287 95 3 | COLUMBIA PPTY TR INC | PUT | |
| 19842X 10 9 | COLUMBIA SELIGM PREM TECH GR | COM | |
| 198516 10 6 * | COLUMBIA SPORTSWEAR CO | COM | |
| 198516 90 6 | COLUMBIA SPORTSWEAR CO | CALL | |
| 198516 95 6 | COLUMBIA SPORTSWEAR CO | PUT | |
| 199333 10 5 * | COLUMBUS MCKINNON CORP N Y | COM | |
| 199333 90 5 | COLUMBUS MCKINNON CORP N Y | CALL | |
| 199333 95 5 | COLUMBUS MCKINNON CORP N Y | PUT | |
| 199908 10 4 * | COMFORT SYS USA INC | COM | |
| 199908 90 4 | COMFORT SYS USA INC | CALL | |
| 199908 95 4 | COMFORT SYS USA INC | PUT | |
| 20030N 10 1 * | COMCAST CORP NEW | CL A | |
| 20030N 90 1 | COMCAST CORP NEW | CALL | |

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| 20030N 95 1 | COMCAST CORP NEW | PUT | |
| 200340 10 7 * | COMERICA INC | COM | |
| 200340 90 7 | COMERICA INC | CALL | |
| 200340 95 7 | COMERICA INC | PUT | |
| 200497 20 4 | COMMAND CENTER INC | COM NEW | |
| 200525 10 3 * | COMMERCE BANCSHARES INC | COM | |
| 200525 90 3 | COMMERCE BANCSHARES INC | CALL | |
| 200525 95 3 | COMMERCE BANCSHARES INC | PUT | |
| 201723 10 3 * | COMMERCIAL METALS CO | COM | |
| 201723 90 3 | COMMERCIAL METALS CO | CALL | |
| 201723 95 3 | COMMERCIAL METALS CO | PUT | |
| 202608 10 5 * | COMMERCIAL VEH GROUP INC | COM | |
| 202608 90 5 | COMMERCIAL VEH GROUP INC | CALL | |
| 202608 95 5 | COMMERCIAL VEH GROUP INC | PUT | |
| 20337X 10 9 * | COMMSCOPE HLDG CO INC | COM | |
| 20337X 90 9 | COMMSCOPE HLDG CO INC | CALL | |
| 20337X 95 9 | COMMSCOPE HLDG CO INC | PUT | |
| 203607 10 6 * | COMMUNITY BK SYS INC | COM | |
| 203607 90 6 | COMMUNITY BK SYS INC | CALL | |
| 203607 95 6 | COMMUNITY BK SYS INC | PUT | |
| 203612 10 6 | COMMUNITY BANKERS TR CORP | COM | |
| 203668 10 8 * | COMMUNITY HEALTH SYS INC NEW | COM | |
| 203668 90 8 | COMMUNITY HEALTH SYS INC NEW | CALL | |
| 203668 95 8 | COMMUNITY HEALTH SYS INC NEW | PUT | |
| 20368X 10 1 | COMMUNITY FINL CORP MD | COM | |
| 20369C 10 6 | COMMUNITY HEALTHCARE TR INC | COM | |
| 20369M 10 4 | COMMUNITY FIRST BANCSHARES I | COM | |
| 203900 10 5 | COMMUNICATIONS SYS INC | COM | |
| 204149 10 8 * | COMMUNITY TR BANCORP INC | COM | |
| 204149 90 8 | COMMUNITY TR BANCORP INC | CALL | |
| 204149 95 8 | COMMUNITY TR BANCORP INC | PUT | |
| 204157 10 1 | COMMUNITY WEST BANCSHARES | COM | |
| 204166 10 2 * | COMMVAULT SYSTEMS INC | COM | |
| 204166 90 2 | COMMVAULT SYSTEMS INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 204166 95 2 | COMMSVAULT SYSTEMS INC | PUT | |
| 20440T 20 1 * | COMPANHIA BRASILEIRA DE DIST | SPN ADR PFD CL A | |
| 20440T 90 1 | COMPANHIA BRASILEIRA DE DIST | CALL | |
| 20440T 95 1 | COMPANHIA BRASILEIRA DE DIST | PUT | |
| 20440W 10 5 * | COMPANHIA SIDERURGICA NACION | SPONSORED ADR | |
| 20440W 90 5 | COMPANHIA SIDERURGICA NACION | CALL | |
| 20440W 95 5 | COMPANHIA SIDERURGICA NACION | PUT | |
| 204409 60 1 * | COMPANHIA ENERGETICA DE MINA | SP ADR N-V PFD | |
| 204409 90 1 | COMPANHIA ENERGETICA DE MINA | CALL | |
| 204409 95 1 | COMPANHIA ENERGETICA DE MINA | PUT | |
| 204409 88 2 | COMPANHIA ENERGETICA DE MINA | SPONSORED ADR | |
| 20441A 10 2 * | COMPANHIA DE SANEAMENTO BASI | SPONSORED ADR | |
| 20441A 90 2 | COMPANHIA DE SANEAMENTO BASI | CALL | |
| 20441A 95 2 | COMPANHIA DE SANEAMENTO BASI | PUT | |
| 20441B 40 7 * | COMPANHIA PARANAENSE ENERG C | SPON ADR PFD | |
| 20441B 90 7 | COMPANHIA PARANAENSE ENERG C | CALL | |
| 20441B 95 7 | COMPANHIA PARANAENSE ENERG C | PUT | |
| 204429 10 4 | COMPANIA CERVECERIAS UNIDAS | SPONSORED ADR | |
| 204448 10 4 * | COMPANIA DE MINAS BUENAVENTU | SPONSORED ADR | |
| 204448 90 4 | COMPANIA DE MINAS BUENAVENTU | CALL | |
| 204448 95 4 | COMPANIA DE MINAS BUENAVENTU | PUT | |
| 20451N 10 1 * | COMPASS MINERALS INTL INC | COM | |
| 20451N 90 1 | COMPASS MINERALS INTL INC | CALL | |
| 20451N 95 1 | COMPASS MINERALS INTL INC | PUT | |
| 20451Q 10 4 * | COMPASS DIVERSIFIED HOLDINGS | SH BEN INT | |
| 20451Q 90 4 | COMPASS DIVERSIFIED HOLDINGS | CALL | |
| 20451Q 95 4 | COMPASS DIVERSIFIED HOLDINGS | PUT | |
| 20478N AD 2 | COMPUCREDIT HLDGS CORP | NOTE 5.875%11/3 | |
| 205306 10 3 * | COMPUTER PROGRAMS & SYS INC | COM | |
| 205306 90 3 | COMPUTER PROGRAMS & SYS INC | CALL | |
| 205306 95 3 | COMPUTER PROGRAMS & SYS INC | PUT | |
| 205477 10 2 * | COMPUTER TASK GROUP INC | COM | |
| 205477 90 2 | COMPUTER TASK GROUP INC | CALL | |
| 205477 95 2 | COMPUTER TASK GROUP INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 20563P 10 1 | COMPX INTERNATIONAL INC | CL A | |
| 20564W 10 5 * | COMSCORE INC | COM | |
| 20564W 90 5 | COMSCORE INC | CALL | |
| 20564W 95 5 | COMSCORE INC | PUT | |
| 205684 20 2 | COMSTOCK HLDG COS INC | CL A NEW | |
| 205750 20 1 * | COMSTOCK MNG INC | COM NEW | |
| 205750 90 1 | COMSTOCK MNG INC | CALL | |
| 205750 95 1 | COMSTOCK MNG INC | PUT | |
| 205768 30 2 * | COMSTOCK RES INC | COM | |
| 205768 90 2 | COMSTOCK RES INC | CALL | |
| 205768 95 2 | COMSTOCK RES INC | PUT | |
| 205826 20 9 * | COMTECH TELECOMMUNICATIONS C | COM NEW | |
| 205826 90 9 | COMTECH TELECOMMUNICATIONS C | CALL | |
| 205826 95 9 | COMTECH TELECOMMUNICATIONS C | PUT | |
| 205887 10 2 * | CONAGRA BRANDS INC | COM | |
| 205887 90 2 | CONAGRA BRANDS INC | CALL | |
| 205887 95 2 | CONAGRA BRANDS INC | PUT | |
| 20600T 10 8 * | CONATUS PHARMACEUTICALS INC | COM | |
| 20600T 90 8 | CONATUS PHARMACEUTICALS INC | CALL | |
| 20600T 95 8 | CONATUS PHARMACEUTICALS INC | PUT | |
| 206022 10 5 * | CONCERT PHARMACEUTICALS INC | COM | |
| 206022 90 5 | CONCERT PHARMACEUTICALS INC | CALL | |
| 206022 95 5 | CONCERT PHARMACEUTICALS INC | PUT | |
| 20605P 10 1 * | CONCHO RES INC | COM | |
| 20605P 90 1 | CONCHO RES INC | CALL | |
| 20605P 95 1 | CONCHO RES INC | PUT | |
| 206277 10 5 * | CONCORD MED SVCS HLDGS LTD | SPON ADR CL A | |
| 206277 90 5 | CONCORD MED SVCS HLDGS LTD | CALL | |
| 206277 95 5 | CONCORD MED SVCS HLDGS LTD | PUT | |
| 206704 10 8 | CONCRETE PUMPING HLDGS INC | COM | |
| 20676Y 40 3 | CONDOR HOSPITALITY TR INC | COM NEW | |
| 206787 10 3 * | CONDUENT INC | COM | |
| 206787 90 3 | CONDUENT INC | CALL | |
| 206787 95 3 | CONDUENT INC | PUT | |

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| 20717E 10 1 * | CONFORMIS INC | COM | |
| 20717E 90 1 | CONFORMIS INC | CALL | |
| 20717E 95 1 | CONFORMIS INC | PUT | |
| 20731J 10 2 | CONIFER HLDGS INC | COM | |
| 207410 AD 3 | CONMED CORP | NOTE 2.500%11/1 | |
| 207410 10 1 * | CONMED CORP | COM | |
| 207410 90 1 | CONMED CORP | CALL | |
| 207410 95 1 | CONMED CORP | PUT | |
| 207797 10 1 * | CONNECTICUT WTR SVC INC | COM | |
| 207797 90 1 | CONNECTICUT WTR SVC INC | CALL | |
| 207797 95 1 | CONNECTICUT WTR SVC INC | PUT | |
| 20786W 10 7 * | CONNECTONE BANCORP INC NEW | COM | |
| 20786W 90 7 | CONNECTONE BANCORP INC NEW | CALL | |
| 20786W 95 7 | CONNECTONE BANCORP INC NEW | PUT | |
| 208242 10 7 * | CONNS INC | COM | |
| 208242 90 7 | CONNS INC | CALL | |
| 208242 95 7 | CONNS INC | PUT | |
| 20825C 10 4 * | CONOCOPHILLIPS | COM | |
| 20825C 90 4 | CONOCOPHILLIPS | CALL | |
| 20825C 95 4 | CONOCOPHILLIPS | PUT | |
| 20854L 10 8 * | CONSOL ENERGY INC NEW | COM | |
| 20854L 90 8 | CONSOL ENERGY INC NEW | CALL | |
| 20854L 95 8 | CONSOL ENERGY INC NEW | PUT | |
| 20855T 10 0 | CONSOL COAL RES LP | COM UNIT | |
| 209034 10 7 * | CONSOLIDATED COMM HLDGS INC | COM | |
| 209034 90 7 | CONSOLIDATED COMM HLDGS INC | CALL | |
| 209034 95 7 | CONSOLIDATED COMM HLDGS INC | PUT | |
| 209115 10 4 * | CONSOLIDATED EDISON INC | COM | |
| 209115 90 4 | CONSOLIDATED EDISON INC | CALL | |
| 209115 95 4 | CONSOLIDATED EDISON INC | PUT | |
| 210226 AB 2 | CONSOLIDATED TOMOKA LD CO | NOTE 4.500% 3/1 | |
| 210226 10 6 | CONSOLIDATED TOMOKA LD CO | COM | |
| 21036P 10 8 * | CONSTELLATION BRANDS INC | CL A | |
| 21036P 90 8 | CONSTELLATION BRANDS INC | CALL | |

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| 21036P 95 8 | CONSTELLATION BRANDS INC | PUT | |
| 21036P 20 7 * | CONSTELLATION BRANDS INC | CL B | |
| 21036P 90 7 | CONSTELLATION BRANDS INC | CALL | |
| 21036P 95 7 | CONSTELLATION BRANDS INC | PUT | |
| 210373 10 6 | CONSTELLATION PHARMCETICLS I | COM | |
| 21044C 10 7 | CONSTRUCTION PARTNERS INC | COM CL A | |
| 210502 10 0 * | CONSUMER PORTFOLIO SVCS INC | COM | |
| 210502 90 0 | CONSUMER PORTFOLIO SVCS INC | CALL | |
| 210502 95 0 | CONSUMER PORTFOLIO SVCS INC | PUT | |
| 21075N 20 4 * | CONTANGO OIL & GAS COMPANY | COM NEW | |
| 21075N 90 4 | CONTANGO OIL & GAS COMPANY | CALL | |
| 21075N 95 4 | CONTANGO OIL & GAS COMPANY | PUT | |
| 210751 10 3 * | CONTAINER STORE GROUP INC | COM | |
| 210751 90 3 | CONTAINER STORE GROUP INC | CALL | |
| 210751 95 3 | CONTAINER STORE GROUP INC | PUT | |
| 211171 10 3 * | CONTINENTAL BLDG PRODS INC | COM | |
| 211171 90 3 | CONTINENTAL BLDG PRODS INC | CALL | |
| 211171 95 3 | CONTINENTAL BLDG PRODS INC | PUT | |
| 211615 30 7 | CONTINENTAL MATLS CORP | COM PAR \$0.25 | |
| 212015 10 1 * | CONTINENTAL RESOURCES INC | COM | |
| 212015 90 1 | CONTINENTAL RESOURCES INC | CALL | |
| 212015 95 1 | CONTINENTAL RESOURCES INC | PUT | |
| 212326 10 2 | CONTRAFECT CORP | COM | |
| 21234W 20 2 | CONTRAVIR PHARMACEUTICALS IN | COM NEW | DELETED |
| 21234W 40 0 | CONTRAVIR PHARMACEUTICALS IN | COM | ADDED |
| 21240D 10 7 * | CONTROL4 CORP | COM | |
| 21240D 90 7 | CONTROL4 CORP | CALL | |
| 21240D 95 7 | CONTROL4 CORP | PUT | |
| 21240E 10 5 * | CONTROLADORA VUELA CIA DE AV | SPON ADR RP 10 | |
| 21240E 90 5 | CONTROLADORA VUELA CIA DE AV | CALL | |
| 21240E 95 5 | CONTROLADORA VUELA CIA DE AV | PUT | |
| 21241B 10 0 * | CONTURA ENERGY INC | COM | |
| 21241B 90 0 | CONTURA ENERGY INC | CALL | |
| 21241B 95 0 | CONTURA ENERGY INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 212485 AE 6 | CONVERGYS CORP | SDCV 5.750% 9/1 | |
| 21640C 10 5 | COOL HLDGS INC | COM | |
| 216648 40 2 * | COOPER COS INC | COM NEW | |
| 216648 90 2 | COOPER COS INC | CALL | |
| 216648 95 2 | COOPER COS INC | PUT | |
| 21676P 10 3 * | COOPER STD HLDGS INC | COM | |
| 21676P 90 3 | COOPER STD HLDGS INC | CALL | |
| 21676P 95 3 | COOPER STD HLDGS INC | PUT | |
| 216831 10 7 * | COOPER TIRE & RUBR CO | COM | |
| 216831 90 7 | COOPER TIRE & RUBR CO | CALL | |
| 216831 95 7 | COOPER TIRE & RUBR CO | PUT | |
| 21718L 10 2 | COOTEK CAYMAN INC | SPONSORED ADS | |
| 217204 10 6 * | COPART INC | COM | |
| 217204 90 6 | COPART INC | CALL | |
| 217204 95 6 | COPART INC | PUT | |
| 21833P 10 3 * | CORBUS PHARMACEUTICALS HLDGS | COM | |
| 21833P 90 3 | CORBUS PHARMACEUTICALS HLDGS | CALL | |
| 21833P 95 3 | CORBUS PHARMACEUTICALS HLDGS | PUT | |
| 218352 10 2 * | CORCEPT THERAPEUTICS INC | COM | |
| 218352 90 2 | CORCEPT THERAPEUTICS INC | CALL | |
| 218352 95 2 | CORCEPT THERAPEUTICS INC | PUT | |
| 218681 10 4 * | CORE MARK HOLDING CO INC | COM | |
| 218681 90 4 | CORE MARK HOLDING CO INC | CALL | |
| 218681 95 4 | CORE MARK HOLDING CO INC | PUT | |
| 218683 10 0 | CORE MOLDING TECHNOLOGIES IN | COM | |
| 21870Q 10 5 * | CORESITE RLTY CORP | COM | |
| 21870Q 90 5 | CORESITE RLTY CORP | CALL | |
| 21870Q 95 5 | CORESITE RLTY CORP | PUT | |
| 21870U AA 4 | COREENERGY INFRASTRUCTURE TR | NOTE 7.000% 6/1 | |
| 21870U 50 2 * | COREENERGY INFRASTRUCTURE TR | COM NEW | |
| 21870U 90 2 | COREENERGY INFRASTRUCTURE TR | CALL | |
| 21870U 95 2 | COREENERGY INFRASTRUCTURE TR | PUT | |
| 21871D 10 3 * | CORELOGIC INC | COM | |
| 21871D 90 3 | CORELOGIC INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 21871D 95 3 | CORELOGIC INC | PUT | |
| 21871N 10 1 * | CORECIVIC INC | COM | |
| 21871N 90 1 | CORECIVIC INC | CALL | |
| 21871N 95 1 | CORECIVIC INC | PUT | |
| 21872L 10 4 * | COREPOINT LODGING INC | COM | |
| 21872L 90 4 | COREPOINT LODGING INC | CALL | |
| 21872L 95 4 | COREPOINT LODGING INC | PUT | |
| 218730 10 9 | CORINDUS VASCULAR ROBOTICS I | COM | |
| 21900C 30 8 * | CORMEDIX INC | COM | |
| 21900C 90 8 | CORMEDIX INC | CALL | |
| 21900C 95 8 | CORMEDIX INC | PUT | |
| 21924B 30 2 | CORNERSTONE STRATEGIC VALUE | COM | |
| 21924U 30 0 | CORNERSTONE TOTAL RTRN FD IN | COM | |
| 21925D 10 9 * | CORNERSTONE BLDG BRANDS INC | COM | ADDED |
| 21925D 90 9 | CORNERSTONE BLDG BRANDS INC | CALL | ADDED |
| 21925D 95 9 | CORNERSTONE BLDG BRANDS INC | PUT | ADDED |
| 21925Y 10 3 * | CORNERSTONE ONDEMAND INC | COM | |
| 21925Y 90 3 | CORNERSTONE ONDEMAND INC | CALL | |
| 21925Y 95 3 | CORNERSTONE ONDEMAND INC | PUT | |
| 219350 10 5 * | CORNING INC | COM | |
| 219350 90 5 | CORNING INC | CALL | |
| 219350 95 5 | CORNING INC | PUT | |
| 22002T 10 8 * | CORPORATE OFFICE PPTYS TR | SH BEN INT | |
| 22002T 90 8 | CORPORATE OFFICE PPTYS TR | CALL | |
| 22002T 95 8 | CORPORATE OFFICE PPTYS TR | PUT | |
| 22026V 10 5 * | CORREVIO PHARMA CORP | COM | |
| 22026V 90 5 | CORREVIO PHARMA CORP | CALL | |
| 22026V 95 5 | CORREVIO PHARMA CORP | PUT | |
| 22052L 10 4 * | CORTEVA INC | COM | ADDED |
| 22052L 90 4 | CORTEVA INC | CALL | ADDED |
| 22052L 95 4 | CORTEVA INC | PUT | ADDED |
| 22053A 10 7 | CORTEXYME INC | COM | ADDED |
| 220587 10 9 | CORTLAND BANCORP | COM | |
| 221006 10 9 * | CORVEL CORP | COM | |

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| 221006 90 9 | CORVEL CORP | CALL | |
| 221006 95 9 | CORVEL CORP | PUT | |
| 221015 10 0 | CORVUS PHARMACEUTICALS INC | COM | |
| 22160K 10 5 * | COSTCO WHSL CORP NEW | COM | |
| 22160K 90 5 | COSTCO WHSL CORP NEW | CALL | |
| 22160K 95 5 | COSTCO WHSL CORP NEW | PUT | |
| 22160N 10 9 * | COSTAR GROUP INC | COM | |
| 22160N 90 9 | COSTAR GROUP INC | CALL | |
| 22160N 95 9 | COSTAR GROUP INC | PUT | |
| 22163N 10 6 * | COTT CORP QUE | COM | |
| 22163N 90 6 | COTT CORP QUE | CALL | |
| 22163N 95 6 | COTT CORP QUE | PUT | |
| 221907 10 8 | COUNTY BANCORP INC | COM | |
| 222070 20 3 * | COTY INC | COM CL A | |
| 222070 90 3 | COTY INC | CALL | |
| 222070 95 3 | COTY INC | PUT | |
| 22228P 30 2 | COUNTERPATH CORP | COM PAR | |
| 22266L AB 2 | COUPA SOFTWARE INC | NOTE 0.375% 1/1 | ADDED |
| 22266L 10 6 * | COUPA SOFTWARE INC | COM | |
| 22266L 90 6 | COUPA SOFTWARE INC | CALL | |
| 22266L 95 6 | COUPA SOFTWARE INC | PUT | |
| 222795 10 6 * | COUSINS PPTYS INC | COM | DELETED |
| 222795 90 6 | COUSINS PPTYS INC | CALL | DELETED |
| 222795 95 6 | COUSINS PPTYS INC | PUT | DELETED |
| 222795 50 2 * | COUSINS PPTYS INC | COM NEW | ADDED |
| 222795 90 2 | COUSINS PPTYS INC | CALL | ADDED |
| 222795 95 2 | COUSINS PPTYS INC | PUT | ADDED |
| 22282E 10 2 * | COVANTA HLDG CORP | COM | |
| 22282E 90 2 | COVANTA HLDG CORP | CALL | |
| 22282E 95 2 | COVANTA HLDG CORP | PUT | |
| 22284P 10 5 * | COVENANT TRANSN GROUP INC | CL A | |
| 22284P 90 5 | COVENANT TRANSN GROUP INC | CALL | |
| 22284P 95 5 | COVENANT TRANSN GROUP INC | PUT | |
| 22304C 10 0 * | COVETRUS INC | COM | |

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| 22304C 90 0 | COVETRUS INC | CALL | |
| 22304C 95 0 | COVETRUS INC | PUT | |
| 22305A 10 3 * | COVIA HLDGS CORP | COM | |
| 22305A 90 3 | COVIA HLDGS CORP | CALL | |
| 22305A 95 3 | COVIA HLDGS CORP | PUT | |
| 223622 AE 1 | COWEN INC | NOTE 3.000%12/1 | |
| 223622 60 6 * | COWEN INC | CL A NEW | |
| 223622 90 6 | COWEN INC | CALL | |
| 223622 95 6 | COWEN INC | PUT | |
| 22410J 10 6 * | CRACKER BARREL OLD CTRY STOR | COM | |
| 22410J 90 6 | CRACKER BARREL OLD CTRY STOR | CALL | |
| 22410J 95 6 | CRACKER BARREL OLD CTRY STOR | PUT | |
| 224122 10 1 * | CRAFT BREW ALLIANCE INC | COM | |
| 224122 90 1 | CRAFT BREW ALLIANCE INC | CALL | |
| 224122 95 1 | CRAFT BREW ALLIANCE INC | PUT | |
| 224399 10 5 * | CRANE CO | COM | |
| 224399 90 5 | CRANE CO | CALL | |
| 224399 95 5 | CRANE CO | PUT | |
| 224633 10 7 | CRAWFORD & CO | CL B | |
| 224633 20 6 * | CRAWFORD & CO | CL A | |
| 224633 90 6 | CRAWFORD & CO | CALL | |
| 224633 95 6 | CRAWFORD & CO | PUT | |
| 224916 10 6 | CREDIT SUISSE ASSET MGMT INC | COM | |
| 225223 30 4 * | CRAY INC | COM NEW | |
| 225223 90 4 | CRAY INC | CALL | |
| 225223 95 4 | CRAY INC | PUT | |
| 22530J 11 9 | CREATIVE REALITIES INC | *W EXP 11/09/202 | |
| 22530J 20 0 | CREATIVE REALITIES INC | COM NEW | |
| 225310 10 1 * | CREDIT ACCEP CORP MICH | COM | |
| 225310 90 1 | CREDIT ACCEP CORP MICH | CALL | |
| 225310 95 1 | CREDIT ACCEP CORP MICH | PUT | |
| 22539T 21 7 * | CREDIT SUISSE AG NASSAU BRH | VLCTYSHS 3X S&P | |
| 22539T 90 7 | CREDIT SUISSE AG NASSAU BRH | CALL | |
| 22539T 95 7 | CREDIT SUISSE AG NASSAU BRH | PUT | |

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| 22539T 26 6 | CREDIT SUISSE AG NASSAU BRH | XLINK CRD ETN37 | |
| 22539T 28 2 | CREDIT SUISSE AG NASSAU BRH | XLNKS REIT ETN36 | |
| 22539T 29 0 | CREDIT SUISSE AG NASSAU BRH | XLNKS AMLP ETN36 | |
| 22539T 39 9 | CREDIT SUISSE AG NASSAU BRH | X LNKS MLT ASST | |
| 22539T 45 6 | CREDIT SUISSE AG NASSAU BRH | ETN LKD 34 | |
| 22539U 10 7 | CREDIT SUISSE AG NASSAU BRH | FI ENHNCD EUR 50 | |
| 225401 10 8 * | CREDIT SUISSE GROUP | SPONSORED ADR | |
| 225401 90 8 | CREDIT SUISSE GROUP | CALL | |
| 225401 95 8 | CREDIT SUISSE GROUP | PUT | |
| 22542D 28 2 | CREDIT SUISSE NASSAU BRH | VLCTYSHS 3X INV | |
| 22542D 29 0 | CREDIT SUISSE NASSAU BRH | VELOCITY SHS ETN | |
| 22542D 31 6 | CREDIT SUISSE NASSAU BRH | 3X LONG GOLD | |
| 22542D 33 2 | CREDIT SUISSE NASSAU BRH | VELOCITY SHS DAI | |
| 22542D 36 5 * | CREDIT SUISSE NASSAU BRH | VELOCITY SHS SHO | |
| 22542D 90 5 | CREDIT SUISSE NASSAU BRH | CALL | |
| 22542D 95 5 | CREDIT SUISSE NASSAU BRH | PUT | |
| 22542D 42 3 | CREDIT SUISSE NASSAU BRH | LG CP GRTH ENH | |
| 22542D 44 9 | CREDIT SUISSE NASSAU BRH | X LINK SILVER SH | |
| 22542D 48 0 * | CREDIT SUISSE NASSAU BRH | X LINK GOLD SHS | |
| 22542D 90 0 | CREDIT SUISSE NASSAU BRH | CALL | |
| 22542D 95 0 | CREDIT SUISSE NASSAU BRH | PUT | |
| 22542D 65 4 | CREDIT SUISSE NASSAU BRH | 3X INVERS SILV | |
| 22542D 67 0 | CREDIT SUISSE NASSAU BRH | 3X INVERS GOLD | |
| 22542D 82 9 | CREDIT SUISSE NASSAU BRH | INVRV VIX MDTERM | |
| 22544F 10 3 | CREDIT SUISSE HIGH YLD BND F | SH BEN INT | |
| 225447 10 1 * | CREE INC | COM | |
| 225447 90 1 | CREE INC | CALL | |
| 225447 95 1 | CREE INC | PUT | |
| 22564L 10 5 | CRESCENT ACQUISITION CORP | COM CL A | ADDED |
| 22564L 11 3 | CRESCENT ACQUISITION CORP | *W EXP 03/08/202 | ADDED |
| 22564L 20 4 | CRESCENT ACQUISITION CORP | UNIT 99/99/9999 | |
| 22576C 10 1 * | CRESCENT PT ENERGY CORP | COM | |
| 22576C 90 1 | CRESCENT PT ENERGY CORP | CALL | |
| 22576C 95 1 | CRESCENT PT ENERGY CORP | PUT | |

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| 226344 20 8 * | CRESTWOOD EQUITY PARTNERS LP | UNIT LTD PARTNER | |
| 226344 90 8 | CRESTWOOD EQUITY PARTNERS LP | CALL | |
| 226344 95 8 | CRESTWOOD EQUITY PARTNERS LP | PUT | |
| 226406 10 6 * | CRESUD S A C I F Y A | SPONSORED ADR | |
| 226406 90 6 | CRESUD S A C I F Y A | CALL | |
| 226406 95 6 | CRESUD S A C I F Y A | PUT | |
| 22663K 10 7 | CRINETICS PHARMACEUTICALS IN | COM | |
| 226718 10 4 * | CRITEO S A | SPONS ADS | |
| 226718 90 4 | CRITEO S A | CALL | |
| 226718 95 4 | CRITEO S A | PUT | |
| 227046 10 9 * | CROCS INC | COM | |
| 227046 90 9 | CROCS INC | CALL | |
| 227046 95 9 | CROCS INC | PUT | |
| 22717L 10 1 * | CRONOS GROUP INC | COM | |
| 22717L 90 1 | CRONOS GROUP INC | CALL | |
| 22717L 95 1 | CRONOS GROUP INC | PUT | |
| 227483 10 4 * | CROSS CTRY HEALTHCARE INC | COM | |
| 227483 90 4 | CROSS CTRY HEALTHCARE INC | CALL | |
| 227483 95 4 | CROSS CTRY HEALTHCARE INC | PUT | |
| 22757R 10 9 | CROSS TIMBERS RTY TR | TR UNIT | |
| 22758A 10 5 * | CROSSAMERICA PARTNERS LP | UT LTD PTN INT | |
| 22758A 90 5 | CROSSAMERICA PARTNERS LP | CALL | |
| 22758A 95 5 | CROSSAMERICA PARTNERS LP | PUT | |
| 22788C 10 5 * | CROWDSTRIKE HLDGS INC | CL A | ADDED |
| 22788C 90 5 | CROWDSTRIKE HLDGS INC | CALL | ADDED |
| 22788C 95 5 | CROWDSTRIKE HLDGS INC | PUT | ADDED |
| 22822V 10 1 * | CROWN CASTLE INTL CORP NEW | COM | |
| 22822V 90 1 | CROWN CASTLE INTL CORP NEW | CALL | |
| 22822V 95 1 | CROWN CASTLE INTL CORP NEW | PUT | |
| 22822V 30 9 | CROWN CASTLE INTL CORP NEW | 6.875% CON PFD A | |
| 228309 10 0 * | CROWN CRAFTS INC | COM | |
| 228309 90 0 | CROWN CRAFTS INC | CALL | |
| 228309 95 0 | CROWN CRAFTS INC | PUT | |
| 228368 10 6 * | CROWN HOLDINGS INC | COM | |

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| 228368 90 6 | CROWN HOLDINGS INC | CALL | |
| 228368 95 6 | CROWN HOLDINGS INC | PUT | |
| 228903 10 0 * | CRYOLIFE INC | COM | |
| 228903 90 0 | CRYOLIFE INC | CALL | |
| 228903 95 0 | CRYOLIFE INC | PUT | |
| 229050 12 5 | CRYOPORT INC | *W EXP 07/29/202 | |
| 229050 30 7 * | CRYOPORT INC | COM PAR \$0.001 | |
| 229050 90 7 | CRYOPORT INC | CALL | |
| 229050 95 7 | CRYOPORT INC | PUT | |
| 22943F AF 7 | CTRIP COM INTL LTD | NOTE 1.000% 7/0 | |
| 22943F AH 3 | CTRIP COM INTL LTD | NOTE 1.990% 7/0 | |
| 22943F AM 2 | CTRIP COM INTL LTD | NOTE 1.250% 9/1 | |
| 22943F 10 0 * | CTRIP COM INTL LTD | SPONSORED ADS | |
| 22943F 90 0 | CTRIP COM INTL LTD | CALL | |
| 22943F 95 0 | CTRIP COM INTL LTD | PUT | |
| 229663 10 9 * | CUBESMART | COM | |
| 229663 90 9 | CUBESMART | CALL | |
| 229663 95 9 | CUBESMART | PUT | |
| 229669 10 6 * | CUBIC CORP | COM | |
| 229669 90 6 | CUBIC CORP | CALL | |
| 229669 95 6 | CUBIC CORP | PUT | |
| 22978P 10 6 | CUE BIOPHARMA INC | COM | |
| 229899 10 9 * | CULLEN FROST BANKERS INC | COM | |
| 229899 90 9 | CULLEN FROST BANKERS INC | CALL | |
| 229899 95 9 | CULLEN FROST BANKERS INC | PUT | |
| 230215 10 5 * | CULP INC | COM | |
| 230215 90 5 | CULP INC | CALL | |
| 230215 95 5 | CULP INC | PUT | |
| 230770 10 9 * | CUMBERLAND PHARMACEUTICALS I | COM | |
| 230770 90 9 | CUMBERLAND PHARMACEUTICALS I | CALL | |
| 230770 95 9 | CUMBERLAND PHARMACEUTICALS I | PUT | |
| 231021 10 6 * | CUMMINS INC | COM | |
| 231021 90 6 | CUMMINS INC | CALL | |
| 231021 95 6 | CUMMINS INC | PUT | |

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| 231082 80 1 | CUMULUS MEDIA INC | COM CLASS A | |
| 231269 20 0 * | CURIS INC | COM NEW | |
| 231269 90 0 | CURIS INC | CALL | |
| 231269 95 0 | CURIS INC | PUT | |
| 23131L 10 7 * | CURO GROUP HLDGS CORP | COM | |
| 23131L 90 7 | CURO GROUP HLDGS CORP | CALL | |
| 23131L 95 7 | CURO GROUP HLDGS CORP | PUT | |
| 231561 10 1 * | CURTISS WRIGHT CORP | COM | |
| 231561 90 1 | CURTISS WRIGHT CORP | CALL | |
| 231561 95 1 | CURTISS WRIGHT CORP | PUT | |
| 23162T 10 2 | CUSHING ENERGY INCOME | COM SH BEN INT | |
| 23163L 10 8 | CUSHING ETF TRUST | ENRGY &MLP ETF | |
| 23163L 20 7 | CUSHING ETF TRUST | UTILITY & MLP | |
| 23163L 30 6 | CUSHING ETF TRUST | TRNSPRTN & MLP | |
| 23163L 40 5 | CUSHING ETF TRUST | ENRGY SC & MLP | |
| 231631 20 1 | THE CUSHING MLP INFASCTCR TOT | COM NEW | |
| 231647 10 8 | CUSHING RENAISSANCE FD | COM | |
| 231647 12 4 | CUSHING RENAISSANCE FD | RIGHT 07/18/2019 | ADDED |
| 23204G 10 0 * | CUSTOMERS BANCORP INC | COM | |
| 23204G 90 0 | CUSTOMERS BANCORP INC | CALL | |
| 23204G 95 0 | CUSTOMERS BANCORP INC | PUT | |
| 232109 10 8 * | CUTERA INC | COM | |
| 232109 90 8 | CUTERA INC | CALL | |
| 232109 95 8 | CUTERA INC | PUT | |
| 232437 30 1 | CYANOTECH CORP | COM PAR \$0.02 | |
| 232517 10 2 | CYBEROPTICS CORP | COM | |
| 23254L 20 7 | CYCLACEL PHARMACEUTICALS INC | PFD CONV EX 6% | |
| 23254L 40 5 * | CYCLACEL PHARMACEUTICALS INC | COM PAR | |
| 23254L 90 5 | CYCLACEL PHARMACEUTICALS INC | CALL | |
| 23254L 95 5 | CYCLACEL PHARMACEUTICALS INC | PUT | |
| 23255M 10 5 | CYCLERION THERAPEUTICS INC | COM | |
| 23257D 10 3 * | CYMABAY THERAPEUTICS INC | COM | |
| 23257D 90 3 | CYMABAY THERAPEUTICS INC | CALL | |
| 23257D 95 3 | CYMABAY THERAPEUTICS INC | PUT | |

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| 23258P 10 5 | CYNERGISTEK INC | COM | |
| 232751 10 7 | CYPRESS ENERGY PARTNERS LP | LTD PARTNER INT | |
| 232806 AM 1 | CYPRESS SEMICONDUCTOR CORP | NOTE 4.500% 1/1 | |
| 232806 AP 4 | CYPRESS SEMICONDUCTOR CORP | NOTE 2.000% 2/0 | |
| 232806 10 9 * | CYPRESS SEMICONDUCTOR CORP | COM | |
| 232806 90 9 | CYPRESS SEMICONDUCTOR CORP | CALL | |
| 232806 95 9 | CYPRESS SEMICONDUCTOR CORP | PUT | |
| 23282W 60 5 * | CYTOKINETICS INC | COM NEW | |
| 23282W 90 5 | CYTOKINETICS INC | CALL | |
| 23282W 95 5 | CYTOKINETICS INC | PUT | |
| 232828 60 8 * | CYTRX CORP | COM PAR | DELETED |
| 232828 90 8 | CYTRX CORP | CALL | DELETED |
| 232828 95 8 | CYTRX CORP | PUT | DELETED |
| 23283K 13 9 | CYTORI THERAPEUTICS INC | *W EXP 05/28/202 | |
| 23283K 40 2 * | CYTORI THERAPEUTICS INC | COM PAR | |
| 23283K 90 2 | CYTORI THERAPEUTICS INC | CALL | |
| 23283K 95 2 | CYTORI THERAPEUTICS INC | PUT | |
| 23283R 10 0 * | CYRUSONE INC | COM | |
| 23283R 90 0 | CYRUSONE INC | CALL | |
| 23283R 95 0 | CYRUSONE INC | PUT | |
| 23283X 20 6 * | CYTOSORBENTS CORP | COM NEW | |
| 23283X 90 6 | CYTOSORBENTS CORP | CALL | |
| 23283X 95 6 | CYTOSORBENTS CORP | PUT | |
| 23284F 10 5 * | CYTOMX THERAPEUTICS INC | COM | |
| 23284F 90 5 | CYTOMX THERAPEUTICS INC | CALL | |
| 23284F 95 5 | CYTOMX THERAPEUTICS INC | PUT | |
| 23291C 10 3 * | DMC GLOBAL INC | COM | |
| 23291C 90 3 | DMC GLOBAL INC | CALL | |
| 23291C 95 3 | DMC GLOBAL INC | PUT | |
| 23291E 10 9 | DFB HEALTHCARE ACQUISTION CO | COM | |
| 23291E 11 7 | DFB HEALTHCARE ACQUISTION CO | *W EXP 04/11/202 | |
| 23291E 20 8 | DFB HEALTHCARE ACQUISTION CO | UNIT 01/30/2023 | |
| 23305L 20 6 * | DASAN ZHONE SOLUTIONS INC | COM NEW | |
| 23305L 90 6 | DASAN ZHONE SOLUTIONS INC | CALL | |

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| 23305L 95 6 | DASAN ZHONE SOLUTIONS INC | PUT | |
| 233051 10 1 | DBX ETF TR | XTRACK MSCI EMRG | |
| 233051 14 3 | DBX ETF TR | XTRACKERS S&P | ADDED |
| 233051 15 0 | DBX ETF TR | XTRCKR MSCI US | |
| 233051 19 2 | DBX ETF TR | XTKR MSCI ACWI | |
| 233051 20 0 * | DBX ETF TR | XTRACK MSCI EAFE | |
| 233051 90 0 | DBX ETF TR | CALL | |
| 233051 95 0 | DBX ETF TR | PUT | |
| 233051 21 8 | DBX ETF TR | XTRACKERS MSCI | |
| 233051 22 6 | DBX ETF TR | XTKR MSCI EMRG | |
| 233051 24 2 | DBX ETF TR | XTRCKR RUSL 1000 | |
| 233051 25 9 | DBX ETF TR | XTRACKERS HIGH | |
| 233051 26 7 | DBX ETF TR | XTRACKERS LOW | |
| 233051 28 3 | DBX ETF TR | XTRACKERS SHRT | |
| 233051 40 8 | DBX ETF TR | XTRACK MSCI GRMY | |
| 233051 43 2 * | DBX ETF TR | XTRACK USD HIGH | |
| 233051 90 2 | DBX ETF TR | CALL | |
| 233051 95 2 | DBX ETF TR | PUT | |
| 233051 44 0 | DBX ETF TR | XTRACK RUSS 2000 | |
| 233051 46 5 | DBX ETF TR | XTRCK BRCLY INTL | |
| 233051 47 3 | DBX ETF TR | XTRCK BRCLY TRSY | |
| 233051 48 1 | DBX ETF TR | XTRACK RUSS 1000 | |
| 233051 49 9 | DBX ETF TR | XTRACK FTSE EMRG | |
| 233051 50 7 * | DBX ETF TR | XTRACK MSCI JAPN | |
| 233051 90 7 | DBX ETF TR | CALL | |
| 233051 95 7 | DBX ETF TR | PUT | |
| 233051 51 5 | DBX ETF TR | XTRACK FTSE US | |
| 233051 52 3 | DBX ETF TR | XTRACK MSCI CHIN | |
| 233051 53 1 | DBX ETF TR | XTRACKRS MSCI | |
| 233051 55 6 | DBX ETF TR | XTRCK GERMNY EQT | DELETED |
| 233051 56 4 | DBX ETF TR | XTRCK EURZON EQT | |
| 233051 59 8 | DBX ETF TR | XTRACK MSCI ALL | |
| 233051 63 0 | DBX ETF TR | XTRACK MSCI EAFE | |
| 233051 66 3 | DBX ETF TR | XTRACK JAPAN JPX | |

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| 233051 69 7 | DBX ETF TR | XTRACK MSCI EURO | |
| 233051 70 5 | DBX ETF TR | XTRACK MUN INFRA | |
| 233051 71 3 | DBX ETF TR | XTRCK EMRING MKT | |
| 233051 73 9 | DBX ETF TR | XTRCK INVTNT GRD | |
| 233051 74 7 | DBX ETF TR | XTRCK HIGH YIELD | |
| 233051 75 4 * | DBX ETF TR | XTRACK CSI 500 A | |
| 233051 90 4 | DBX ETF TR | CALL | |
| 233051 95 4 | DBX ETF TR | PUT | |
| 233051 76 2 | DBX ETF TR | XTRACK MSCI CHNA | |
| 233051 81 2 | DBX ETF TR | XTRACK MSCI SOUT | |
| 233051 82 0 | DBX ETF TR | XTRACK MSCI ALL | |
| 233051 84 6 | DBX ETF TR | XTRACK INTL REAL | |
| 233051 85 3 * | DBX ETF TR | XTRACK MSCI EURP | |
| 233051 90 3 | DBX ETF TR | CALL | |
| 233051 95 3 | DBX ETF TR | PUT | |
| 233051 86 1 | DBX ETF TR | XTRACK MSCI UK | DELETED |
| 233051 87 9 * | DBX ETF TR | XTRACK HRVST CSI | |
| 233051 90 9 | DBX ETF TR | CALL | |
| 233051 95 9 | DBX ETF TR | PUT | |
| 23306J 10 1 * | DBV TECHNOLOGIES S A | SPONSORED ADR | |
| 23306J 90 1 | DBV TECHNOLOGIES S A | CALL | |
| 23306J 95 1 | DBV TECHNOLOGIES S A | PUT | |
| 23311P 10 0 * | DCP MIDSTREAM LP | COM UT LTD PTN | |
| 23311P 90 0 | DCP MIDSTREAM LP | CALL | |
| 23311P 95 0 | DCP MIDSTREAM LP | PUT | |
| 23323G 10 6 | DGSE COMPANIES INC | COM | |
| 233237 10 6 | DNB FINL CORP | COM | |
| 23325P 10 4 | DNP SELECT INCOME FD | COM | |
| 23331A 10 9 * | D R HORTON INC | COM | |
| 23331A 90 9 | D R HORTON INC | CALL | |
| 23331A 95 9 | D R HORTON INC | PUT | |
| 23331S 10 0 * | DHI GROUP INC | COM | |
| 23331S 90 0 | DHI GROUP INC | CALL | |
| 23331S 95 0 | DHI GROUP INC | PUT | |

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| 23332B 10 6 * | DSP GROUP INC | COM | |
| 23332B 90 6 | DSP GROUP INC | CALL | |
| 23332B 95 6 | DSP GROUP INC | PUT | |
| 233331 10 7 * | DTE ENERGY CO | COM | |
| 233331 90 7 | DTE ENERGY CO | CALL | |
| 233331 95 7 | DTE ENERGY CO | PUT | |
| 233331 88 3 | DTE ENERGY CO | UNIT 99/99/9999 | |
| 23334J 10 7 | DTF TAX-FREE INCOME INC | COM | |
| 23334L 10 2 * | DSW INC | CL A | DELETED |
| 23334L 90 2 | DSW INC | CALL | DELETED |
| 23334L 95 2 | DSW INC | PUT | DELETED |
| 23335Q 10 0 | DLH HLDGS CORP | COM | |
| 23335S AB 2 | DHT HOLDINGS INC | DEBT 4.500%10/0 | |
| 233368 10 9 | DWS MUN INCOME TR NEW | COM | |
| 233377 40 7 * | DXP ENTERPRISES INC NEW | COM NEW | |
| 233377 90 7 | DXP ENTERPRISES INC NEW | CALL | |
| 233377 95 7 | DXP ENTERPRISES INC NEW | PUT | |
| 23342Q 10 1 | DWS STRATEGIC MUN INCOME TR | COM | |
| 23355L 10 6 * | DXC TECHNOLOGY CO | COM | |
| 23355L 90 6 | DXC TECHNOLOGY CO | CALL | |
| 23355L 95 6 | DXC TECHNOLOGY CO | PUT | |
| 233912 10 4 | DAILY JOURNAL CORP | COM | |
| 234264 10 9 * | DAKTRONICS INC | COM | |
| 234264 90 9 | DAKTRONICS INC | CALL | |
| 234264 95 9 | DAKTRONICS INC | PUT | |
| 235825 20 5 * | DANA INCORPORATED | COM | |
| 235825 90 5 | DANA INCORPORATED | CALL | |
| 235825 95 5 | DANA INCORPORATED | PUT | |
| 235851 AE 2 | DANAHER CORPORATION | DEBT 1/2 | |
| 235851 AF 9 | DANAHER CORPORATION | BCV 1/2 | |
| 235851 10 2 * | DANAHER CORPORATION | COM | |
| 235851 90 2 | DANAHER CORPORATION | CALL | |
| 235851 95 2 | DANAHER CORPORATION | PUT | |
| 235851 30 0 | DANAHER CORPORATION | 4.75 MND CV PFD | |

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|-----------------|--------------------------|---------------------------|---------------|
| 23666P 10 1 * | DARE BIOSCIENCE INC | COM | |
| 23666P 90 1 | DARE BIOSCIENCE INC | CALL | |
| 23666P 95 1 | DARE BIOSCIENCE INC | PUT | |
| 23703Q 20 3 * | DAQO NEW ENERGY CORP | SPNSRD ADR NEW | |
| 23703Q 90 3 | DAQO NEW ENERGY CORP | CALL | |
| 23703Q 95 3 | DAQO NEW ENERGY CORP | PUT | |
| 237194 10 5 * | DARDEN RESTAURANTS INC | COM | |
| 237194 90 5 | DARDEN RESTAURANTS INC | CALL | |
| 237194 95 5 | DARDEN RESTAURANTS INC | PUT | |
| 23725P 10 0 | DARIOHEALTH CORP | COM | |
| 23725P 11 8 | DARIOHEALTH CORP | *W EXP 03/08/202 | |
| 237266 10 1 * | DARLING INGREDIENTS INC | COM | |
| 237266 90 1 | DARLING INGREDIENTS INC | CALL | |
| 237266 95 1 | DARLING INGREDIENTS INC | PUT | |
| 23753F 10 7 * | DASEKE INC | COM | |
| 23753F 90 7 | DASEKE INC | CALL | |
| 23753F 95 7 | DASEKE INC | PUT | |
| 23753F 11 5 | DASEKE INC | *W EXP 02/27/202 | |
| 237690 10 2 * | DATA I O CORP | COM | |
| 237690 90 2 | DATA I O CORP | CALL | |
| 237690 95 2 | DATA I O CORP | PUT | |
| 238116 20 6 | DATASEA INC | COM NEW | |
| 238337 10 9 * | DAVE & BUSTERS ENTMT INC | COM | |
| 238337 90 9 | DAVE & BUSTERS ENTMT INC | CALL | |
| 238337 95 9 | DAVE & BUSTERS ENTMT INC | PUT | |
| 238661 10 2 * | DAVIDSTEA INC | COM | |
| 238661 90 2 | DAVIDSTEA INC | CALL | |
| 238661 95 2 | DAVIDSTEA INC | PUT | |
| 23908L 10 8 | DAVIS FUNDAMENTAL ETF TR | SELECT FINL | |
| 23908L 20 7 | DAVIS FUNDAMENTAL ETF TR | SELECT US EQTY | |
| 23908L 30 6 | DAVIS FUNDAMENTAL ETF TR | SELECT WRLD WI | |
| 23908L 40 5 | DAVIS FUNDAMENTAL ETF TR | SELCT INTL ETF | |
| 23918K 10 8 * | DAVITA INC | COM | |
| 23918K 90 8 | DAVITA INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 23918K 95 8 | DAVITA INC | PUT | |
| 239360 10 0 * | DAWSON GEOPHYSICAL CO NEW | COM | |
| 239360 90 0 | DAWSON GEOPHYSICAL CO NEW | CALL | |
| 239360 95 0 | DAWSON GEOPHYSICAL CO NEW | PUT | |
| 239467 10 3 | DAXOR CORP | COM | |
| 242370 20 3 * | DEAN FOODS CO NEW | COM NEW | |
| 242370 90 3 | DEAN FOODS CO NEW | CALL | |
| 242370 95 3 | DEAN FOODS CO NEW | PUT | |
| 24344T 10 1 * | DECIPHERA PHARMACEUTICALS IN | COM | |
| 24344T 90 1 | DECIPHERA PHARMACEUTICALS IN | CALL | |
| 24344T 95 1 | DECIPHERA PHARMACEUTICALS IN | PUT | |
| 243537 10 7 * | DECKERS OUTDOOR CORP | COM | |
| 243537 90 7 | DECKERS OUTDOOR CORP | CALL | |
| 243537 95 7 | DECKERS OUTDOOR CORP | PUT | |
| 244199 10 5 * | DEERE & CO | COM | |
| 244199 90 5 | DEERE & CO | CALL | |
| 244199 95 5 | DEERE & CO | PUT | |
| 245077 10 2 * | DEL FRISCOS RESTAURANT GROUP | COM | |
| 245077 90 2 | DEL FRISCOS RESTAURANT GROUP | CALL | |
| 245077 95 2 | DEL FRISCOS RESTAURANT GROUP | PUT | |
| 245496 10 4 * | DEL TACO RESTAURANTS INC | COM | |
| 245496 90 4 | DEL TACO RESTAURANTS INC | CALL | |
| 245496 95 4 | DEL TACO RESTAURANTS INC | PUT | |
| 245496 11 2 | DEL TACO RESTAURANTS INC | *W EXP 06/30/202 | |
| 245915 10 3 | DELAWARE INVTS DIV & INCOME | COM | |
| 246060 10 7 | DELAWARE ENHANCED GBL DIV & | COM | |
| 24610T 10 8 | DELAWARE INVT NAT MUNI INC F | SH BEN INT | |
| 24610V 10 3 | DELAWARE INV MN MUN INC FD I | COM | |
| 246101 10 9 | DELAWARE INV CO MUN INC FD I | COM | |
| 24664T 10 3 * | DELEK LOGISTICS PARTNERS LP | COM UNT RP INT | |
| 24664T 90 3 | DELEK LOGISTICS PARTNERS LP | CALL | |
| 24664T 95 3 | DELEK LOGISTICS PARTNERS LP | PUT | |
| 24665A 10 3 * | DELEK US HLDGS INC NEW | COM | |
| 24665A 90 3 | DELEK US HLDGS INC NEW | CALL | |

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| 24665A 95 3 | DELEK US HLDGS INC NEW | PUT | |
| 24703L 20 2 * | DELL TECHNOLOGIES INC | CL C | |
| 24703L 90 2 | DELL TECHNOLOGIES INC | CALL | |
| 24703L 95 2 | DELL TECHNOLOGIES INC | PUT | |
| 247078 20 7 | DELMAR PHARMACEUTICALS INC | COM NEW | DELETED |
| 247078 30 6 | DELMAR PHARMACEUTICALS INC | COM | ADDED |
| 247361 70 2 * | DELTA AIR LINES INC DEL | COM NEW | |
| 247361 90 2 | DELTA AIR LINES INC DEL | CALL | |
| 247361 95 2 | DELTA AIR LINES INC DEL | PUT | |
| 247368 10 3 | DELTA APPAREL INC | COM | |
| 247916 20 8 * | DENBURY RES INC | COM NEW | |
| 247916 90 8 | DENBURY RES INC | CALL | |
| 247916 95 8 | DENBURY RES INC | PUT | |
| 248019 10 1 * | DELUXE CORP | COM | |
| 248019 90 1 | DELUXE CORP | CALL | |
| 248019 95 1 | DELUXE CORP | PUT | |
| 24823R 10 5 * | DENALI THERAPEUTICS INC | COM | |
| 24823R 90 5 | DENALI THERAPEUTICS INC | CALL | |
| 24823R 95 5 | DENALI THERAPEUTICS INC | PUT | |
| 248356 10 7 * | DENISON MINES CORP | COM | |
| 248356 90 7 | DENISON MINES CORP | CALL | |
| 248356 95 7 | DENISON MINES CORP | PUT | |
| 24869P 10 4 * | DENNYS CORP | COM | |
| 24869P 90 4 | DENNYS CORP | CALL | |
| 24869P 95 4 | DENNYS CORP | PUT | |
| 24906P 10 9 * | DENTSPLY SIRONA INC | COM | |
| 24906P 90 9 | DENTSPLY SIRONA INC | CALL | |
| 24906P 95 9 | DENTSPLY SIRONA INC | PUT | |
| 24983L AB 0 | DERMIRA INC | NOTE 3.000% 5/1 | |
| 24983L 10 4 * | DERMIRA INC | COM | |
| 24983L 90 4 | DERMIRA INC | CALL | |
| 24983L 95 4 | DERMIRA INC | PUT | |
| 249906 10 8 * | DESCARTES SYS GROUP INC | COM | |
| 249906 90 8 | DESCARTES SYS GROUP INC | CALL | |

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| 249906 95 8 | DESCARTES SYS GROUP INC | PUT | |
| 249908 AA 2 | ASSERTIO THERAPEUTICS INC | NOTE 2.500% 9/0 | |
| 250565 10 8 * | DESIGNER BRANDS INC | CL A | ADDED |
| 250565 90 8 | DESIGNER BRANDS INC | CALL | ADDED |
| 250565 95 8 | DESIGNER BRANDS INC | PUT | ADDED |
| 250639 10 1 | DESWELL INDS INC | COM | |
| 25065D 10 0 * | DESTINATION MATERNITY CORP | COM | |
| 25065D 90 0 | DESTINATION MATERNITY CORP | CALL | |
| 25065D 95 0 | DESTINATION MATERNITY CORP | PUT | |
| 25065K 10 4 * | DESTINATION XL GROUP INC | COM | |
| 25065K 90 4 | DESTINATION XL GROUP INC | CALL | |
| 25065K 95 4 | DESTINATION XL GROUP INC | PUT | |
| 25153Q 65 8 | DEUTSCHE BK AG LONDON | ETN DJ HY 2022 | DELETED |
| 25153Q 70 8 | DEUTSCHE BK AG LONDON | ELE MORN TTL22 | DELETED |
| 25154H 46 7 | DEUTSCHE BK AG LDN BRH | DB COMMOD SHRT | DELETED |
| 25154H 47 5 | DEUTSCHE BK AG LDN BRH | DB COM DBLE LNG | DELETED |
| 25154H 53 3 | DEUTSCHE BK AG LDN BRH | DB AGRIC LNG ETN | DELETED |
| 25154H 55 8 | DEUTSCHE BK AG LDN BRH | DB AGRIC DBL LN | DELETED |
| 25154H 73 1 | DEUTSCHE BK AG LDN BRH | DB GOLD SHORT | |
| 25154H 74 9 | DEUTSCHE BK AG LDN BRH | DB GOLD DBL LNG | |
| 25154H 75 6 * | DEUTSCHE BK AG LDN BRH | GOLD DOUBLE SHOR | |
| 25154H 90 6 | DEUTSCHE BK AG LDN BRH | CALL | |
| 25154H 95 6 | DEUTSCHE BK AG LDN BRH | PUT | |
| 25154K 80 9 | DEUTSCHE BK AG LONDON BRH | DB CRUDE OIL DBL | |
| 25154K 83 3 | DEUTSCHE BK AG LONDON BRH | DB BASE MET SHRT | DELETED |
| 25154K 84 1 | DEUTSCHE BK AG LONDON BRH | DB BASE MET DBL | DELETED |
| 25154K 85 8 | DEUTSCHE BK AG LONDON BRH | DB BASE MET DBL | DELETED |
| 25154K 86 6 | DEUTSCHE BK AG LONDON BRH | DB CRUDE OIL LNG | DELETED |
| 25154K 87 4 | DEUTSCHE BK AG LONDON BRH | DB CRUD OIL SHR | DELETED |
| 25155L 29 3 | DEUTSCHE BK AG LONDON BRH | FI ENH GL0BAL HY | DELETED |
| 25179M 10 3 * | DEVON ENERGY CORP NEW | COM | |
| 25179M 90 3 | DEVON ENERGY CORP NEW | CALL | |
| 25179M 95 3 | DEVON ENERGY CORP NEW | PUT | |
| 252131 AF 4 | DEXCOM INC | NOTE 0.750% 5/1 | |

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| 252131 10 7 * | DEXCOM INC | COM | |
| 252131 90 7 | DEXCOM INC | CALL | |
| 252131 95 7 | DEXCOM INC | PUT | |
| 252406 15 2 * | DHX MEDIA LTD | COM VAR VTG | |
| 252406 90 2 | DHX MEDIA LTD | CALL | |
| 252406 95 2 | DHX MEDIA LTD | PUT | |
| 25243Q 20 5 * | DIAGEO P L C | SPON ADR NEW | |
| 25243Q 90 5 | DIAGEO P L C | CALL | |
| 25243Q 95 5 | DIAGEO P L C | PUT | |
| 25253X 20 7 | DIAMEDICA THERAPEUTICS INC | COM NEW | |
| 25258L 20 8 | DIAMOND EAGLE ACQUISITION CO | UNIT 06/30/2026 | ADDED |
| 25264R 20 7 | DIAMOND HILL INVESTMENT GROU | COM NEW | |
| 25271C 10 2 * | DIAMOND OFFSHORE DRILLING IN | COM | |
| 25271C 90 2 | DIAMOND OFFSHORE DRILLING IN | CALL | |
| 25271C 95 2 | DIAMOND OFFSHORE DRILLING IN | PUT | |
| 25278X 10 9 * | DIAMONDBACK ENERGY INC | COM | |
| 25278X 90 9 | DIAMONDBACK ENERGY INC | CALL | |
| 25278X 95 9 | DIAMONDBACK ENERGY INC | PUT | |
| 252784 30 1 * | DIAMONDROCK HOSPITALITY CO | COM | |
| 252784 90 1 | DIAMONDROCK HOSPITALITY CO | CALL | |
| 252784 95 1 | DIAMONDROCK HOSPITALITY CO | PUT | |
| 25280H 10 0 | DIAMONDPEAK HLDGS COR | COM CL A | ADDED |
| 25280H 11 8 | DIAMONDPEAK HLDGS COR | *W EXP 02/22/202 | ADDED |
| 25280H 20 9 | DIAMONDPEAK HLDGS COR | UNIT 99/99/9999 | |
| 253031 10 8 * | DICERNA PHARMACEUTICALS INC | COM | |
| 253031 90 8 | DICERNA PHARMACEUTICALS INC | CALL | |
| 253031 95 8 | DICERNA PHARMACEUTICALS INC | PUT | |
| 253393 10 2 * | DICKS SPORTING GOODS INC | COM | |
| 253393 90 2 | DICKS SPORTING GOODS INC | CALL | |
| 253393 95 2 | DICKS SPORTING GOODS INC | PUT | |
| 253651 10 3 * | DIEBOLD NXDF INC | COM | |
| 253651 90 3 | DIEBOLD NXDF INC | CALL | |
| 253651 95 3 | DIEBOLD NXDF INC | PUT | |
| 253748 30 5 | DIFFUSION PHARMACEUTICALS IN | COM PAR | |

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| 253798 10 2 * | DIGI INTL INC | COM | |
| 253798 90 2 | DIGI INTL INC | CALL | |
| 253798 95 2 | DIGI INTL INC | PUT | |
| 25381B 10 1 * | DIGIMARC CORP NEW | COM | |
| 25381B 90 1 | DIGIMARC CORP NEW | CALL | |
| 25381B 95 1 | DIGIMARC CORP NEW | PUT | |
| 25382P 20 8 * | DIGITAL ALLY INC | COM NEW | |
| 25382P 90 8 | DIGITAL ALLY INC | CALL | |
| 25382P 95 8 | DIGITAL ALLY INC | PUT | |
| 253827 10 9 * | DIGIRAD CORP | COM | DELETED |
| 253827 90 9 | DIGIRAD CORP | CALL | DELETED |
| 253827 95 9 | DIGIRAD CORP | PUT | DELETED |
| 253827 70 3 * | DIGIRAD CORP | COM NEW | ADDED |
| 253827 90 3 | DIGIRAD CORP | CALL | ADDED |
| 253827 95 3 | DIGIRAD CORP | PUT | ADDED |
| 253868 10 3 * | DIGITAL RLTY TR INC | COM | |
| 253868 90 3 | DIGITAL RLTY TR INC | CALL | |
| 253868 95 3 | DIGITAL RLTY TR INC | PUT | |
| 253922 10 8 * | DIME CMNTY BANCSHARES | COM | |
| 253922 90 8 | DIME CMNTY BANCSHARES | CALL | |
| 253922 95 8 | DIME CMNTY BANCSHARES | PUT | |
| 25400W 10 2 * | DIGITAL TURBINE INC | COM NEW | |
| 25400W 90 2 | DIGITAL TURBINE INC | CALL | |
| 25400W 95 2 | DIGITAL TURBINE INC | PUT | |
| 254067 10 1 * | DILLARDS INC | CL A | |
| 254067 90 1 | DILLARDS INC | CALL | |
| 254067 95 1 | DILLARDS INC | PUT | |
| 254423 10 6 * | DINE BRANDS GLOBAL INC | COM | |
| 254423 90 6 | DINE BRANDS GLOBAL INC | CALL | |
| 254423 95 6 | DINE BRANDS GLOBAL INC | PUT | |
| 254543 10 1 * | DIODES INC | COM | |
| 254543 90 1 | DIODES INC | CALL | |
| 254543 95 1 | DIODES INC | PUT | |
| 25456K 10 1 * | DIPLOMAT PHARMACY INC | COM | |

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| 25456K 90 1 | DIPLOMAT PHARMACY INC | CALL | |
| 25456K 95 1 | DIPLOMAT PHARMACY INC | PUT | |
| 25459W 10 2 * | DIREXION SHS ETF TR | DLY TECH BULL 3X | |
| 25459W 90 2 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 2 | DIREXION SHS ETF TR | PUT | |
| 25459W 41 7 * | DIREXION SHS ETF TR | RETAIL BULL 3X | |
| 25459W 90 7 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 7 | DIREXION SHS ETF TR | PUT | |
| 25459W 45 8 * | DIREXION SHS ETF TR | DLY SCOND 3XB | |
| 25459W 90 8 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 8 | DIREXION SHS ETF TR | PUT | |
| 25459W 54 0 * | DIREXION SHS ETF TR | 20YR TRES BULL | |
| 25459W 90 0 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 0 | DIREXION SHS ETF TR | PUT | |
| 25459W 55 7 * | DIREXION SHS ETF TR | 7 10YR TRES BEAR | |
| 25459W 90 7 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 7 | DIREXION SHS ETF TR | PUT | |
| 25459W 56 5 * | DIREXION SHS ETF TR | 7 10YR TRES BULL | |
| 25459W 90 5 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 5 | DIREXION SHS ETF TR | PUT | |
| 25459W 73 0 * | DIREXION SHS ETF TR | DLY MIDCAP ETF3X | |
| 25459W 90 0 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 0 | DIREXION SHS ETF TR | PUT | |
| 25459W 75 5 * | DIREXION SHS ETF TR | DLY R/E BULL3X | |
| 25459W 90 5 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 5 | DIREXION SHS ETF TR | PUT | |
| 25459W 77 1 * | DIREXION SHS ETF TR | DL FTSE BLL 3X | |
| 25459W 90 1 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 1 | DIREXION SHS ETF TR | PUT | |
| 25459W 78 9 * | DIREXION SHS ETF TR | DLY DEV MKT BULL | |
| 25459W 90 9 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 9 | DIREXION SHS ETF TR | PUT | |
| 25459W 84 7 * | DIREXION SHS ETF TR | DLY SMCAP BULL3X | |
| 25459W 90 7 | DIREXION SHS ETF TR | CALL | |

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| 25459W 95 7 | DIREXION SHS ETF TR | PUT | |
| 25459W 86 2 * | DIREXION SHS ETF TR | DRX S&P500BULL | |
| 25459W 90 2 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 2 | DIREXION SHS ETF TR | PUT | |
| 25459W 88 8 * | DIREXION SHS ETF TR | DLY ENRGY BULL3X | |
| 25459W 90 8 | DIREXION SHS ETF TR | CALL | |
| 25459W 95 8 | DIREXION SHS ETF TR | PUT | |
| 25459Y 10 8 | DIREXION SHS ETF TR | 7-10YR TR BEAR | |
| 25459Y 11 6 * | DIREXION SHS ETF TR | CSI300 CHINA1X | |
| 25459Y 90 6 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 6 | DIREXION SHS ETF TR | PUT | |
| 25459Y 13 2 | DIREXION SHS ETF TR | DAILY RGNAL BULL | |
| 25459Y 16 5 | DIREXION SHS ETF TR | DLY S&P500 2XS | |
| 25459Y 18 1 | DIREXION SHS ETF TR | SML CP BULL 2X | |
| 25459Y 20 7 * | DIREXION SHS ETF TR | NAS100 EQL WGT | |
| 25459Y 90 7 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 7 | DIREXION SHS ETF TR | PUT | |
| 25459Y 28 0 * | DIREXION SHS ETF TR | DLY FTS BUL 3X | |
| 25459Y 90 0 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 0 | DIREXION SHS ETF TR | PUT | |
| 25459Y 29 8 | DIREXION SHS ETF TR | ZACKS MLP HG INC | |
| 25459Y 30 6 | DIREXION SHS ETF TR | TL BD MKT BEAR | |
| 25459Y 35 5 * | DIREXION SHS ETF TR | DLY DEV MKT BEAR | |
| 25459Y 90 5 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 5 | DIREXION SHS ETF TR | PUT | |
| 25459Y 36 3 * | DIREXION SHS ETF TR | DLY R/E BEAR3X | DELETED |
| 25459Y 90 3 | DIREXION SHS ETF TR | CALL | DELETED |
| 25459Y 95 3 | DIREXION SHS ETF TR | PUT | DELETED |
| 25459Y 40 5 | DIREXION SHS ETF TR | 20YR TRES BEAR | |
| 25459Y 41 3 * | DIREXION SHS ETF TR | DLY JPN BULL 3X | |
| 25459Y 90 3 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 3 | DIREXION SHS ETF TR | PUT | |
| 25459Y 52 0 | DIREXION SHS ETF TR | DRX DLYSOKOR3X | |
| 25459Y 67 8 * | DIREXION SHS ETF TR | 20YR TRES BEAR | |

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| 25459Y 90 8 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 8 | DIREXION SHS ETF TR | PUT | |
| 25459Y 69 4 * | DIREXION SHS ETF TR | DLY FIN BULL NEW | |
| 25459Y 90 4 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 4 | DIREXION SHS ETF TR | PUT | |
| 25459Y 70 2 | DIREXION SHS ETF TR | DLY CNSMR STPL | |
| 25459Y 76 9 | DIREXION SHS ETF TR | ALL CP INSIDER | |
| 25459Y 78 5 | DIREXION SHS ETF TR | DLY CNMSR BULL | |
| 25459Y 80 1 | DIREXION SHS ETF TR | DLY CNMSR BULL | |
| 25459Y 87 6 * | DIREXION SHS ETF TR | HEALTHCARE BUL | |
| 25459Y 90 6 | DIREXION SHS ETF TR | CALL | |
| 25459Y 95 6 | DIREXION SHS ETF TR | PUT | |
| 25459Y 88 4 | DIREXION SHS ETF TR | DLY CNSMR DIS | |
| 25460E 11 7 * | DIREXION SHS ETF TR | DAILY MD CP BEAR | ADDED |
| 25460E 90 7 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 7 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 12 5 * | DIREXION SHS ETF TR | DAILY SM CP BEAR | ADDED |
| 25460E 90 5 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 5 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 13 3 * | DIREXION SHS ETF TR | DAILY FINL BEAR | ADDED |
| 25460E 90 3 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 3 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 14 1 * | DIREXION SHS ETF TR | DAILY MSCI REAL | ADDED |
| 25460E 90 1 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 1 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 15 8 * | DIREXION SHS ETF TR | DAILY NATRL GAS | ADDED |
| 25460E 90 8 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 8 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 16 6 * | DIREXION SHS ETF TR | DAILY JR GLD MIN | ADDED |
| 25460E 90 6 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 6 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 17 4 * | DIREXION SHS ETF TR | DLY S&P OIL GAS | ADDED |
| 25460E 90 4 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 4 | DIREXION SHS ETF TR | PUT | ADDED |

| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|---------------------|--------------------|--------|
| 25460E 18 2 * | DIREXION SHS ETF TR | DLY SEMICNDTR BR | ADDED |
| 25460E 90 2 | DIREXION SHS ETF TR | CALL | ADDED |
| 25460E 95 2 | DIREXION SHS ETF TR | PUT | ADDED |
| 25460E 30 7 | DIREXION SHS ETF TR | AUSPCE CMD STG | |
| 25460E 37 2 | DIREXION SHS ETF TR | MSCI DEV OVER | |
| 25460E 38 0 | DIREXION SHS ETF TR | MSCI EMRG OVER | |
| 25460E 39 8 | DIREXION SHS ETF TR | MSCI DEF OVER | |
| 25460E 41 4 | DIREXION SHS ETF TR | MSCI CYCLI OVR | |
| 25460E 42 2 | DIREXION SHS ETF TR | RUSLL SML OVER | |
| 25460E 43 0 | DIREXION SHS ETF TR | RUSLL LRG OVER | |
| 25460E 44 8 | DIREXION SHS ETF TR | RUSELL1000 GWT | |
| 25460E 45 5 | DIREXION SHS ETF TR | RUSELL1000 VAL | |
| 25460E 46 3 | DIREXION SHS ETF TR | FTSE INTL OVER | |
| 25460E 47 1 | DIREXION SHS ETF TR | FTSE US OVER | |
| 25460E 48 9 | DIREXION SHS ETF TR | DAILY BEAR 3X | |
| 25460E 49 7 | DIREXION SHS ETF TR | DAILY BULL 3X | |
| 25460E 50 5 * | DIREXION SHS ETF TR | DAILY CS 2X SH | |
| 25460E 90 5 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 5 | DIREXION SHS ETF TR | PUT | |
| 25460E 51 3 | DIREXION SHS ETF TR | DLY ROB AI 3X | |
| 25460E 52 1 * | DIREXION SHS ETF TR | DAILY FTSE CHINA | |
| 25460E 90 1 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 1 | DIREXION SHS ETF TR | PUT | |
| 25460E 53 9 * | DIREXION SHS ETF TR | DAILY S&P BIOTEC | |
| 25460E 90 9 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 9 | DIREXION SHS ETF TR | PUT | |
| 25460E 54 7 * | DIREXION SHS ETF TR | DAILY MSCI EMERG | |
| 25460E 90 7 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 7 | DIREXION SHS ETF TR | PUT | |
| 25460E 55 4 * | DIREXION SHS ETF TR | DAILY ENERGY BEA | |
| 25460E 90 4 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 4 | DIREXION SHS ETF TR | PUT | |
| 25460E 56 2 * | DIREXION SHS ETF TR | DAILY TECHNOLOGY | |
| 25460E 90 2 | DIREXION SHS ETF TR | CALL | |

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|-----------------|---------------------|---------------------------|---------------|
| 25460E 95 2 | DIREXION SHS ETF TR | PUT | |
| 25460E 59 6 | DIREXION SHS ETF TR | PORTFLIOPLS DEV | |
| 25460E 61 2 | DIREXION SHS ETF TR | PORTFLIOPLS EMG | |
| 25460E 63 8 | DIREXION SHS ETF TR | PORTFLIOPLS S&PMD | |
| 25460E 64 6 | DIREXION SHS ETF TR | DAILY PHARMA | |
| 25460E 65 3 | DIREXION SHS ETF TR | DLY EUR STX 3X | |
| 25460E 66 1 * | DIREXION SHS ETF TR | DLY AEROSPC 3X | |
| 25460E 90 1 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 1 | DIREXION SHS ETF TR | PUT | |
| 25460E 67 9 | DIREXION SHS ETF TR | DAILY TRANS 3X | |
| 25460E 71 1 | DIREXION SHS ETF TR | DLY UTLTIES 3X | |
| 25460E 73 7 | DIREXION SHS ETF TR | DLY INDL BU 3X | |
| 25460E 75 2 * | DIREXION SHS ETF TR | DLY MSCI MX 3X | |
| 25460E 90 2 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 2 | DIREXION SHS ETF TR | PUT | |
| 25460E 80 2 | DIREXION SHS ETF TR | DLY RGNAL BKS 3X | |
| 25460E 82 8 * | DIREXION SHS ETF TR | DAILY RUSSIA 3X | |
| 25460E 90 8 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 8 | DIREXION SHS ETF TR | PUT | |
| 25460E 83 6 * | DIREXION SHS ETF TR | DLY SEMICNDTR 3X | DELETED |
| 25460E 90 6 | DIREXION SHS ETF TR | CALL | DELETED |
| 25460E 95 6 | DIREXION SHS ETF TR | PUT | DELETED |
| 25460E 84 4 * | DIREXION SHS ETF TR | DLY GOLD INDX 3X | |
| 25460E 90 4 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 4 | DIREXION SHS ETF TR | PUT | |
| 25460E 85 1 * | DIREXION SHS ETF TR | DAILY JR BULL 3X | DELETED |
| 25460E 90 1 | DIREXION SHS ETF TR | CALL | DELETED |
| 25460E 95 1 | DIREXION SHS ETF TR | PUT | DELETED |
| 25460E 86 9 * | DIREXION SHS ETF TR | DLY S&P500 BR 1X | |
| 25460E 90 9 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 9 | DIREXION SHS ETF TR | PUT | |
| 25460E 87 7 * | DIREXION SHS ETF TR | DLY JR GOLD 3X | |
| 25460E 90 7 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 7 | DIREXION SHS ETF TR | PUT | |

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| 25460E 88 5 * | DIREXION SHS ETF TR | DLY S&P500 BR 3X | |
| 25460E 90 5 | DIREXION SHS ETF TR | CALL | |
| 25460E 95 5 | DIREXION SHS ETF TR | PUT | |
| 254687 10 6 * | DISNEY WALT CO | COM DISNEY | |
| 254687 90 6 | DISNEY WALT CO | CALL | |
| 254687 95 6 | DISNEY WALT CO | PUT | |
| 25470F 10 4 * | DISCOVERY INC | COM SER A | |
| 25470F 90 4 | DISCOVERY INC | CALL | |
| 25470F 95 4 | DISCOVERY INC | PUT | |
| 25470F 20 3 | DISCOVERY INC | COM SER B | |
| 25470F 30 2 * | DISCOVERY INC | COM SER C | |
| 25470F 90 2 | DISCOVERY INC | CALL | |
| 25470F 95 2 | DISCOVERY INC | PUT | |
| 25470M AB 5 | DISH NETWORK CORP | NOTE 3.375% 8/1 | |
| 25470M AD 1 | DISH NETWORK CORP | NOTE 2.375% 3/1 | |
| 25470M 10 9 * | DISH NETWORK CORP | CL A | |
| 25470M 90 9 | DISH NETWORK CORP | CALL | |
| 25470M 95 9 | DISH NETWORK CORP | PUT | |
| 254709 10 8 * | DISCOVER FINL SVCS | COM | |
| 254709 90 8 | DISCOVER FINL SVCS | CALL | |
| 254709 95 8 | DISCOVER FINL SVCS | PUT | |
| 25490K 10 9 | DIREXION SHS ETF TR | PRTFIOPLS S&P500 | |
| 25490K 11 7 * | DIREXION SHS ETF TR | DAILY NAT GAS RE | |
| 25490K 90 7 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 7 | DIREXION SHS ETF TR | PUT | |
| 25490K 12 5 * | DIREXION SHS ETF TR | DAILY S&P OIL | DELETED |
| 25490K 90 5 | DIREXION SHS ETF TR | CALL | DELETED |
| 25490K 95 5 | DIREXION SHS ETF TR | PUT | DELETED |
| 25490K 13 3 * | DIREXION SHS ETF TR | DAILY GOLD MINER | |
| 25490K 90 3 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 3 | DIREXION SHS ETF TR | PUT | |
| 25490K 16 6 | DIREXION SHS ETF TR | DAILY EUROPEAN | |
| 25490K 19 0 | DIREXION SHS ETF TR | DAILY HIGH YLD | |
| 25490K 20 8 | DIREXION SHS ETF TR | PORTFIOPLS S&PSM | |

| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|---------------------|--------------------|---------|
| 25490K 27 3 * | DIREXION SHS ETF TR | DLY RUSSIA BL 3X | |
| 25490K 90 3 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 3 | DIREXION SHS ETF TR | PUT | |
| 25490K 28 1 * | DIREXION SHS ETF TR | DLY EMG MK BL 3X | |
| 25490K 90 1 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 1 | DIREXION SHS ETF TR | PUT | |
| 25490K 29 9 * | DIREXION SHS ETF TR | LTN AM BL 3X NEW | |
| 25490K 90 9 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 9 | DIREXION SHS ETF TR | PUT | |
| 25490K 31 5 * | DIREXION SHS ETF TR | BRZ BL 3X SH NEW | |
| 25490K 90 5 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 5 | DIREXION SHS ETF TR | PUT | |
| 25490K 32 3 * | DIREXION SHS ETF TR | SP BIOTCH BL NEW | |
| 25490K 90 3 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 3 | DIREXION SHS ETF TR | PUT | |
| 25490K 33 1 * | DIREXION SHS ETF TR | DAILY IND BUL 3X | |
| 25490K 90 1 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 1 | DIREXION SHS ETF TR | PUT | |
| 25490K 34 9 * | DIREXION SHS ETF TR | DLY NATRL GAS 3X | DELETED |
| 25490K 90 9 | DIREXION SHS ETF TR | CALL | DELETED |
| 25490K 95 9 | DIREXION SHS ETF TR | PUT | DELETED |
| 25490K 35 6 * | DIREXION SHS ETF TR | OIL GAS BL 3X SH | |
| 25490K 90 6 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 6 | DIREXION SHS ETF TR | PUT | |
| 25490K 52 1 * | DIREXION SHS ETF TR | DAILY SM CAP BEA | DELETED |
| 25490K 90 1 | DIREXION SHS ETF TR | CALL | DELETED |
| 25490K 95 1 | DIREXION SHS ETF TR | PUT | DELETED |
| 25490K 53 9 * | DIREXION SHS ETF TR | DAILY FINL BEAR | DELETED |
| 25490K 90 9 | DIREXION SHS ETF TR | CALL | DELETED |
| 25490K 95 9 | DIREXION SHS ETF TR | PUT | DELETED |
| 25490K 59 6 | DIREXION SHS ETF TR | DALY HOM B&S BUL | |
| 25490K 81 0 * | DIREXION SHS ETF TR | MD CP BEAR 3X NW | DELETED |
| 25490K 90 0 | DIREXION SHS ETF TR | CALL | DELETED |
| 25490K 95 0 | DIREXION SHS ETF TR | PUT | DELETED |

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|-----------------|------------------------------|---------------------------|---------------|
| 25490K 86 9 * | DIREXION SHS ETF TR | CSI 300 BULL2X | |
| 25490K 90 9 | DIREXION SHS ETF TR | CALL | |
| 25490K 95 9 | DIREXION SHS ETF TR | PUT | |
| 255104 10 1 | DIVERSICARE HEALTHCARE SVCS | COM | |
| 25532M 10 5 | DIVERSIFIED RSTRNT HLDGS INC | COM | |
| 25538A 20 4 | DIVIDEND & INCOME FUND | COM NEW | |
| 255519 10 0 * | DIXIE GROUP INC | CL A | |
| 255519 90 0 | DIXIE GROUP INC | CALL | |
| 255519 95 0 | DIXIE GROUP INC | PUT | |
| 256135 20 3 * | DR REDDYS LABS LTD | ADR | |
| 256135 90 3 | DR REDDYS LABS LTD | CALL | |
| 256135 95 3 | DR REDDYS LABS LTD | PUT | |
| 25614T 20 0 * | DOCUMENT SEC SYS INC | COM NEW | |
| 25614T 90 0 | DOCUMENT SEC SYS INC | CALL | |
| 25614T 95 0 | DOCUMENT SEC SYS INC | PUT | |
| 256163 10 6 * | DOCUSIGN INC | COM | |
| 256163 90 6 | DOCUSIGN INC | CALL | |
| 256163 95 6 | DOCUSIGN INC | PUT | |
| 25659T 10 7 * | DOLBY LABORATORIES INC | COM CL A | |
| 25659T 90 7 | DOLBY LABORATORIES INC | CALL | |
| 25659T 95 7 | DOLBY LABORATORIES INC | PUT | |
| 256677 10 5 * | DOLLAR GEN CORP NEW | COM | |
| 256677 90 5 | DOLLAR GEN CORP NEW | CALL | |
| 256677 95 5 | DOLLAR GEN CORP NEW | PUT | |
| 256746 10 8 * | DOLLAR TREE INC | COM | |
| 256746 90 8 | DOLLAR TREE INC | CALL | |
| 256746 95 8 | DOLLAR TREE INC | PUT | |
| 25686H 10 0 | DOLPHIN ENTMT INC | COM | |
| 25686H 11 8 | DOLPHIN ENTMT INC | *W EXP 12/26/202 | |
| 25746U 10 9 * | DOMINION ENERGY INC | COM | |
| 25746U 90 9 | DOMINION ENERGY INC | CALL | |
| 25746U 95 9 | DOMINION ENERGY INC | PUT | |
| 25746U 13 3 | DOMINION ENERGY INC | UNIT 99/99/9999 | ADDED |
| 25746U 83 6 | DOMINION ENERGY INC | UNIT 08/15/2019 | |

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|-----------------|------------------------------|---------------------------|---------------|
| 25754A 20 1 * | DOMINOS PIZZA INC | COM | |
| 25754A 90 1 | DOMINOS PIZZA INC | CALL | |
| 25754A 95 1 | DOMINOS PIZZA INC | PUT | |
| 257554 10 5 * | DOMO INC | COM CL B | |
| 257554 90 5 | DOMO INC | CALL | |
| 257554 95 5 | DOMO INC | PUT | |
| 257559 20 3 * | DOMTAR CORP | COM NEW | |
| 257559 90 3 | DOMTAR CORP | CALL | |
| 257559 95 3 | DOMTAR CORP | PUT | |
| 257651 10 9 * | DONALDSON INC | COM | |
| 257651 90 9 | DONALDSON INC | CALL | |
| 257651 95 9 | DONALDSON INC | PUT | |
| 257701 20 1 * | DONEGAL GROUP INC | CL A | |
| 257701 90 1 | DONEGAL GROUP INC | CALL | |
| 257701 95 1 | DONEGAL GROUP INC | PUT | |
| 257701 30 0 | DONEGAL GROUP INC | CL B | |
| 257867 20 0 * | DONNELLEY R R & SONS CO | COM | |
| 257867 90 0 | DONNELLEY R R & SONS CO | CALL | |
| 257867 95 0 | DONNELLEY R R & SONS CO | PUT | |
| 25787G 10 0 * | DONNELLEY FINL SOLUTIONS INC | COM | |
| 25787G 90 0 | DONNELLEY FINL SOLUTIONS INC | CALL | |
| 25787G 95 0 | DONNELLEY FINL SOLUTIONS INC | PUT | |
| 25820R 10 5 * | DORCHESTER MINERALS LP | COM UNIT | |
| 25820R 90 5 | DORCHESTER MINERALS LP | CALL | |
| 25820R 95 5 | DORCHESTER MINERALS LP | PUT | |
| 258278 10 0 * | DORMAN PRODUCTS INC | COM | |
| 258278 90 0 | DORMAN PRODUCTS INC | CALL | |
| 258278 95 0 | DORMAN PRODUCTS INC | PUT | |
| 258622 10 9 * | DOUBLELINE INCOME SOLUTIONS | COM | |
| 258622 90 9 | DOUBLELINE INCOME SOLUTIONS | CALL | |
| 258622 95 9 | DOUBLELINE INCOME SOLUTIONS | PUT | |
| 258623 10 7 | DOUBLELINE OPPORTUNISTIC CR | COM | |
| 25960P 10 9 * | DOUGLAS EMMETT INC | COM | |
| 25960P 90 9 | DOUGLAS EMMETT INC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 25960P 95 9 | DOUGLAS EMMETT INC | PUT | |
| 25960R 10 5 * | DOUGLAS DYNAMICS INC | COM | |
| 25960R 90 5 | DOUGLAS DYNAMICS INC | CALL | |
| 25960R 95 5 | DOUGLAS DYNAMICS INC | PUT | |
| 25985T 10 2 * | DOVA PHARMACEUTICALS INC | COM | |
| 25985T 90 2 | DOVA PHARMACEUTICALS INC | CALL | |
| 25985T 95 2 | DOVA PHARMACEUTICALS INC | PUT | |
| 260003 10 8 * | DOVER CORP | COM | |
| 260003 90 8 | DOVER CORP | CALL | |
| 260003 95 8 | DOVER CORP | PUT | |
| 260174 10 7 * | DOVER MOTORSPORTS INC | COM | |
| 260174 90 7 | DOVER MOTORSPORTS INC | CALL | |
| 260174 95 7 | DOVER MOTORSPORTS INC | PUT | |
| 260557 10 3 * | DOW INC | COM | |
| 260557 90 3 | DOW INC | CALL | |
| 260557 95 3 | DOW INC | PUT | |
| 26078J 10 0 * | DOWDUPONT INC | COM | DELETED |
| 26078J 90 0 | DOWDUPONT INC | CALL | DELETED |
| 26078J 95 0 | DOWDUPONT INC | PUT | DELETED |
| 26078J 11 8 | DOWDUPONT INC | WHEN ISSUED | DELETED |
| 26140E 50 1 * | DPW HLDGS INC | COM NEW | |
| 26140E 90 1 | DPW HLDGS INC | CALL | |
| 26140E 95 1 | DPW HLDGS INC | PUT | |
| 26152H 30 1 * | DRDGOLD LIMITED | SPON ADR REPSTG | |
| 26152H 90 1 | DRDGOLD LIMITED | CALL | |
| 26152H 95 1 | DRDGOLD LIMITED | PUT | |
| 26189A 10 5 | DREYFUS ALCENTRA GBL CR INCO | COM | DELETED |
| 261932 10 7 | DREYFUS STRATEGIC MUNS INC | COM | DELETED |
| 26200S 10 1 | DREYFUS HIGH YIELD STRATEGIE | SH BEN INT | DELETED |
| 26201R 10 2 | DREYFUS MUN INCOME INC | COM | DELETED |
| 26202F 10 7 | DREYFUS STRATEGIC MUN BD FD | COM | DELETED |
| 26203D 10 1 * | DREYFUS MUN BD INFRSTRCTR FD | SHS | DELETED |
| 26203D 90 1 | DREYFUS MUN BD INFRSTRCTR FD | CALL | DELETED |
| 26203D 95 1 | DREYFUS MUN BD INFRSTRCTR FD | PUT | DELETED |

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|---------------|------------------------------|--------------------|--------|
| 262037 10 4 * | DRIL QUIP INC | COM | |
| 262037 90 4 | DRIL QUIP INC | CALL | |
| 262037 95 4 | DRIL QUIP INC | PUT | |
| 262077 10 0 * | DRIVE SHACK INC | COM | |
| 262077 90 0 | DRIVE SHACK INC | CALL | |
| 262077 95 0 | DRIVE SHACK INC | PUT | |
| 26210C 10 4 * | DROPBOX INC | CL A | |
| 26210C 90 4 | DROPBOX INC | CALL | |
| 26210C 95 4 | DROPBOX INC | PUT | |
| 26210U 20 3 | DROPCAR INC | COM NEW | |
| 264147 10 9 * | DUCOMMUN INC DEL | COM | |
| 264147 90 9 | DUCOMMUN INC DEL | CALL | |
| 264147 95 9 | DUCOMMUN INC DEL | PUT | |
| 26432K 10 8 | DUFF & PHELPS UTIL CORP BD T | COM | |
| 26433C 10 5 | DUFF & PHELPS GLB UTL INC FD | COM | |
| 26433F 10 8 | DUFF & PHELPS SLT ENGY AND M | COM | |
| 26441C 20 4 * | DUKE ENERGY CORP NEW | COM NEW | |
| 26441C 90 4 | DUKE ENERGY CORP NEW | CALL | |
| 26441C 95 4 | DUKE ENERGY CORP NEW | PUT | |
| 264411 50 5 * | DUKE REALTY CORP | COM NEW | |
| 264411 90 5 | DUKE REALTY CORP | CALL | |
| 264411 95 5 | DUKE REALTY CORP | PUT | |
| 26443V 10 1 * | DULUTH HLDGS INC | COM CL B | |
| 26443V 90 1 | DULUTH HLDGS INC | CALL | |
| 26443V 95 1 | DULUTH HLDGS INC | PUT | |
| 265504 10 0 * | DUNKIN BRANDS GROUP INC | COM | |
| 265504 90 0 | DUNKIN BRANDS GROUP INC | CALL | |
| 265504 95 0 | DUNKIN BRANDS GROUP INC | PUT | |
| 26605Q 10 6 | DUNXIN FINL HLDGS LTD | SPONSORED ADS | |
| 26614N 10 2 * | DUPONT DE NEMOURS INC | COM | ADDED |
| 26614N 90 2 | DUPONT DE NEMOURS INC | CALL | ADDED |
| 26614N 95 2 | DUPONT DE NEMOURS INC | PUT | ADDED |
| 266605 10 4 * | DURECT CORP | COM | |
| 266605 90 4 | DURECT CORP | CALL | |

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|-----------------|---------------------------|---------------------------|---------------|
| 266605 95 4 | DURECT CORP | PUT | |
| 26745T 10 1 | DYADIC INTL INC DEL | COM | ADDED |
| 267475 AB 7 | DYCOM INDS INC | NOTE 0.750% 9/1 | |
| 267475 10 1 * | DYCOM INDS INC | COM | |
| 267475 90 1 | DYCOM INDS INC | CALL | |
| 267475 95 1 | DYCOM INDS INC | PUT | |
| 268102 10 0 | DYNASIL CORP AMER | COM | |
| 268157 40 1 | DYNATRONICS CORP | COM NEW | |
| 268158 20 1 * | DYNAVAX TECHNOLOGIES CORP | COM NEW | |
| 268158 90 1 | DYNAVAX TECHNOLOGIES CORP | CALL | |
| 268158 95 1 | DYNAVAX TECHNOLOGIES CORP | PUT | |
| 26817Q 50 6 * | DYNEX CAP INC | COM NEW | DELETED |
| 26817Q 90 6 | DYNEX CAP INC | CALL | DELETED |
| 26817Q 95 6 | DYNEX CAP INC | PUT | DELETED |
| 26817Q 88 6 * | DYNEX CAP INC | COM | ADDED |
| 26817Q 90 6 | DYNEX CAP INC | CALL | ADDED |
| 26817Q 95 6 | DYNEX CAP INC | PUT | ADDED |
| 26827L 10 9 * | ECA MARCELLUS TR I | COM UNIT | |
| 26827L 90 9 | ECA MARCELLUS TR I | CALL | |
| 26827L 95 9 | ECA MARCELLUS TR I | PUT | |
| 268311 10 7 * | EDAP TMS S A | SPONSORED ADR | |
| 268311 90 7 | EDAP TMS S A | CALL | |
| 268311 95 7 | EDAP TMS S A | PUT | |
| 26853A 10 0 | EHI CAR SVCS LTD | SPON ADS CL A | DELETED |
| 26856L 10 3 * | E L F BEAUTY INC | COM | |
| 26856L 90 3 | E L F BEAUTY INC | CALL | |
| 26856L 95 3 | E L F BEAUTY INC | PUT | |
| 268603 10 7 * | EL POLLO LOCO HLDGS INC | COM | |
| 268603 90 7 | EL POLLO LOCO HLDGS INC | CALL | |
| 268603 95 7 | EL POLLO LOCO HLDGS INC | PUT | |
| 268664 10 9 * | EMC INS GROUP INC | COM | |
| 268664 90 9 | EMC INS GROUP INC | CALL | |
| 268664 95 9 | EMC INS GROUP INC | PUT | |
| 26873J 10 7 | EMX RTY CORP | COM | |

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|---------------|---------------------------|--------------------|---------|
| 26874R 10 8 * | ENI S P A | SPONSORED ADR | |
| 26874R 90 8 | ENI S P A | CALL | |
| 26874R 95 8 | ENI S P A | PUT | |
| 26875P 10 1 * | EOG RES INC | COM | |
| 26875P 90 1 | EOG RES INC | CALL | |
| 26875P 95 1 | EOG RES INC | PUT | |
| 268785 10 2 * | EP ENERGY CORP | CL A | DELETED |
| 268785 90 2 | EP ENERGY CORP | CALL | DELETED |
| 268785 95 2 | EP ENERGY CORP | PUT | DELETED |
| 26884L 10 9 * | EQT CORP | COM | |
| 26884L 90 9 | EQT CORP | CALL | |
| 26884L 95 9 | EQT CORP | PUT | |
| 26884U 10 9 * | EPR PPTYS | COM SH BEN INT | |
| 26884U 90 9 | EPR PPTYS | CALL | |
| 26884U 95 9 | EPR PPTYS | PUT | |
| 26884U 20 8 | EPR PPTYS | PFD C CNV 5.75% | |
| 26884U 30 7 | EPR PPTYS | CONV PFD 9% SR E | |
| 26885B 10 0 * | EQM MIDSTREAM PARTNERS LP | UNIT LTD PARTN | |
| 26885B 90 0 | EQM MIDSTREAM PARTNERS LP | CALL | |
| 26885B 95 0 | EQM MIDSTREAM PARTNERS LP | PUT | |
| 26885G 10 9 * | ERA GROUP INC | COM | |
| 26885G 90 9 | ERA GROUP INC | CALL | |
| 26885G 95 9 | ERA GROUP INC | PUT | |
| 268948 10 6 * | EAGLE BANCORP INC MD | COM | |
| 268948 90 6 | EAGLE BANCORP INC MD | CALL | |
| 268948 95 6 | EAGLE BANCORP INC MD | PUT | |
| 26922A 23 0 | ETF SER SOLUTIONS | HOYA CAP HOUSI | |
| 26922A 24 8 | ETF SER SOLUTIONS | NETLEASE CORP | |
| 26922A 25 5 | ETF SER SOLUTIONS | RYZZ MNG FTR | |
| 26922A 26 3 | ETF SER SOLUTIONS | ACQUIRERS FD | ADDED |
| 26922A 28 9 | ETF SER SOLUTIONS | DEFIANCE NEXT | |
| 26922A 30 5 * | ETF SER SOLUTIONS | ALPCLONE ALTER | |
| 26922A 90 5 | ETF SER SOLUTIONS | CALL | |
| 26922A 95 5 | ETF SER SOLUTIONS | PUT | |

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| 26922A 32 1 | ETF SER SOLUTIONS | DISTILLATE US | |
| 26922A 34 7 | ETF SER SOLUTIONS | AAM S&P DEV MK | |
| 26922A 35 4 | ETF SER SOLUTIONS | GADSDN DYN MLT | |
| 26922A 36 2 | ETF SER SOLUTIONS | GADSDN DYN GWT | |
| 26922A 37 0 | ETF SER SOLUTIONS | LONCAR CHINA BIO | |
| 26922A 38 8 | ETF SER SOLUTIONS | APTUS DEFINED | |
| 26922A 40 4 | ETF SER SOLUTIONS | VIDENT INTL EQ | |
| 26922A 42 0 | ETF SER SOLUTIONS | DEFIANCE QUANT | |
| 26922A 43 8 | ETF SER SOLUTIONS | NEXT GEN VIDEO | |
| 26922A 44 6 | ETF SER SOLUTIONS | OPUS SML CP VL | |
| 26922A 45 3 | ETF SER SOLUTIONS | CLEARSHS ULTRA | |
| 26922A 46 1 | ETF SER SOLUTIONS | AI PWD INTL EQTY | |
| 26922A 47 9 | ETF SER SOLUTIONS | SALT HIG TRUBT | |
| 26922A 48 7 | ETF SER SOLUTIONS | LHA MKT ST TAC | |
| 26922A 49 5 | ETF SER SOLUTIONS | VOLSHARES LARG | |
| 26922A 50 3 | ETF SER SOLUTIONS | VIDENTCORE EQ FD | |
| 26922A 51 1 | ETF SER SOLUTIONS | US DIVERSIFIED | |
| 26922A 52 9 | ETF SER SOLUTIONS | NYSE PICKENS | |
| 26922A 53 7 | ETF SER SOLUTIONS | CBOE VEST S&P | |
| 26922A 55 2 | ETF SER SOLUTIONS | AMERN ENERGY | |
| 26922A 56 0 | ETF SER SOLUTIONS | CHANG FIN US LRG | |
| 26922A 58 6 | ETF SER SOLUTIONS | AAM S&P EMRG | |
| 26922A 59 4 | ETF SER SOLUTIONS | AAM S&P 500 | |
| 26922A 60 2 | ETF SER SOLUTIONS | VIDENT CORE US | |
| 26922A 61 0 | ETF SER SOLUTIONS | APTUS FORTIFIED | |
| 26922A 62 8 * | ETF SER SOLUTIONS | POINT BRIDGE GOP | |
| 26922A 90 8 | ETF SER SOLUTIONS | CALL | |
| 26922A 95 8 | ETF SER SOLUTIONS | PUT | |
| 26922A 64 4 | ETF SER SOLUTIONS | NATIONWIDE MAX | |
| 26922A 65 1 | ETF SER SOLUTIONS | NATIONWIDE MAX | |
| 26922A 66 9 | ETF SER SOLUTIONS | NATIONWIDE RSK | |
| 26922A 67 7 | ETF SER SOLUTIONS | NATIONWIDE ETF | |
| 26922A 68 5 | ETF SER SOLUTIONS | REVERSE WEIGHT | |
| 26922A 69 3 | ETF SER SOLUTIONS | BRAND VALUE | |

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|---------------|-------------------|--------------------------|---------|
| 26922A 70 1 | ETF SER SOLUTIONS | DEEP VALUE ETF | |
| 26922A 71 9 | ETF SER SOLUTIONS | US GBL GLD PRE | |
| 26922A 72 7 | ETF SER SOLUTIONS | CLEARSHS OCIO | |
| 26922A 76 8 | ETF SER SOLUTIONS | PRMSE CP FRNT | |
| 26922A 77 6 | ETF SER SOLUTIONS | AMEN CUST SATF | |
| 26922A 78 4 | ETF SER SOLUTIONS | APTUS BHVRL MMTM | |
| 26922A 82 6 | ETF SER SOLUTIONS | LONCAR CANCER | |
| 26922A 83 4 | ETF SER SOLUTIONS | ALPHAMARK SM | |
| 26922A 84 2 * | ETF SER SOLUTIONS | US GLB JETS | |
| 26922A 90 2 | ETF SER SOLUTIONS | CALL | |
| 26922A 95 2 | ETF SER SOLUTIONS | PUT | |
| 26922A 87 5 | ETF SER SOLUTIONS | DMND HILL VAL | DELETED |
| 26922A 88 3 | ETF SER SOLUTIONS | VAL MKT LEG ET | |
| 26923G 10 3 * | ETFIS SER TR I | INFRAC ACT MLP | |
| 26923G 90 3 | ETFIS SER TR I | CALL | |
| 26923G 95 3 | ETFIS SER TR I | PUT | |
| 26923G 20 2 | ETFIS SER TR I | VIRTUS LIFESC BT | |
| 26923G 30 1 | ETFIS SER TR I | VIRTUS LIFESC CT | |
| 26923G 40 0 | ETFIS SER TR I | INFRACP REIT PFD | |
| 26923G 70 7 | ETFIS SER TR I | VIRTUS NEWFLEET | |
| 26923G 78 0 | ETFIS SER TR I | VIRTUS REAL AS | |
| 26923G 79 8 | ETFIS SER TR I | VIRTUS PVT CR | |
| 26923G 80 6 | ETFIS SER TR I | VIRTUS REAVES UT | |
| 26923G 82 2 | ETFIS SER TR I | VIRTUS INFRCAP | |
| 26923G 83 0 | ETFIS SER TR I | VIRTUS GLOVIST | |
| 26923G 84 8 | ETFIS SER TR I | VIRTUS WMC GBL | |
| 26923G 87 1 | ETFIS SER TR I | VIRTUS CUMBRLAND | DELETED |
| 26923H 10 1 | ETF MANAGER GROUP | COMMODITY SIT RISING RTE | |
| 26923H 20 0 | ETF MANAGER GROUP | COMMODITY BREAKWAVE DRY | |
| 26924G 10 2 * | ETF MANAGERS TR | PRIME JUNIR SLVR | |
| 26924G 90 2 | ETF MANAGERS TR | CALL | |
| 26924G 95 2 | ETF MANAGERS TR | PUT | |
| 26924G 20 1 * | ETF MANAGERS TR | PRIME CYBR SCRPTY | |
| 26924G 90 1 | ETF MANAGERS TR | CALL | |

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| 26924G 95 1 | ETF MANAGERS TR | PUT | |
| 26924G 40 9 * | ETF MANAGERS TR | PRIME MOBILE PAY | |
| 26924G 90 9 | ETF MANAGERS TR | CALL | |
| 26924G 95 9 | ETF MANAGERS TR | PUT | |
| 26924G 50 8 * | ETF MANAGERS TR | ETFMG ALTR HRVST | |
| 26924G 90 8 | ETF MANAGERS TR | CALL | |
| 26924G 95 8 | ETF MANAGERS TR | PUT | |
| 26924G 70 6 | ETF MANAGERS TR | VIDEO GAME TECH | |
| 26924G 79 7 | ETF MANAGERS TR | ROGERS AI GLOB | |
| 26924G 80 5 | ETF MANAGERS TR | DRONE ECONMY STG | |
| 26924G 81 3 | ETF MANAGERS TR | AI POWERED EQT | |
| 26924G 87 0 | ETF MANAGERS TR | BLUESTAR ISRAEL | |
| 26924G 88 8 | ETF MANAGERS TR | ETHO CLIMATE LEA | |
| 269246 40 1 * | E TRADE FINANCIAL CORP | COM NEW | |
| 269246 90 1 | E TRADE FINANCIAL CORP | CALL | |
| 269246 95 1 | E TRADE FINANCIAL CORP | PUT | |
| 26927E 10 4 * | EVO PMTS INC | CL A COM | |
| 26927E 90 4 | EVO PMTS INC | CALL | |
| 26927E 95 4 | EVO PMTS INC | PUT | |
| 26929N 10 2 | EVI INDUSTRIES INC | COM | |
| 26942G 10 0 | EAGLE BANCORP MONT INC | COM | |
| 269451 10 0 | EAGLE CAP GROWTH FD INC | COM | |
| 26952G 10 7 | EAGLE FINL BANCORP INC | COM | |
| 26958J 10 5 | EAGLE GRWTH & INCOME OPPTY F | COM SHS BEN IN | |
| 26969P 10 8 * | EAGLE MATERIALS INC | COM | |
| 26969P 90 8 | EAGLE MATERIALS INC | CALL | |
| 26969P 95 8 | EAGLE MATERIALS INC | PUT | |
| 269796 10 8 * | EAGLE PHARMACEUTICALS INC | COM | |
| 269796 90 8 | EAGLE PHARMACEUTICALS INC | CALL | |
| 269796 95 8 | EAGLE PHARMACEUTICALS INC | PUT | |
| 269808 10 1 | EAGLE PT CR CO LLC | COM | |
| 27032D 30 4 | EARTHSTONE ENERGY INC | CL A | |
| 27579R 10 4 * | EAST WEST BANCORP INC | COM | |
| 27579R 90 4 | EAST WEST BANCORP INC | CALL | |

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| 27579R 95 4 | EAST WEST BANCORP INC | PUT | |
| 27616P 10 3 * | EASTERLY GOVT PPTYS INC | COM | |
| 27616P 90 3 | EASTERLY GOVT PPTYS INC | CALL | |
| 27616P 95 3 | EASTERLY GOVT PPTYS INC | PUT | |
| 276317 10 4 | EASTERN CO | COM | |
| 277276 10 1 * | EASTGROUP PPTY INC | COM | |
| 277276 90 1 | EASTGROUP PPTY INC | CALL | |
| 277276 95 1 | EASTGROUP PPTY INC | PUT | |
| 277432 10 0 * | EASTMAN CHEMICAL CO | COM | |
| 277432 90 0 | EASTMAN CHEMICAL CO | CALL | |
| 277432 95 0 | EASTMAN CHEMICAL CO | PUT | |
| 277461 40 6 * | EASTMAN KODAK CO | COM NEW | |
| 277461 90 6 | EASTMAN KODAK CO | CALL | |
| 277461 95 6 | EASTMAN KODAK CO | PUT | |
| 277802 30 2 | EASTSIDE DISTILLING INC | COM PAR | |
| 27826F 10 1 | EATON VANCE CA MUNI INCOME T | SH BEN INT | |
| 27826S 10 3 | EATON VANCE SR INCOME TR | SH BEN INT | |
| 27826U 10 8 | EATON VANCE MUNI INCOME TRUS | SH BEN INT | |
| 27826W 10 4 | EATON VANCE NY MUNI INCOME T | SH BEN INT | |
| 278265 10 3 * | EATON VANCE CORP | COM NON VTG | |
| 278265 90 3 | EATON VANCE CORP | CALL | |
| 278265 95 3 | EATON VANCE CORP | PUT | |
| 27827X 10 1 | EATON VANCE MUN BD FD | COM | |
| 27827Y 10 9 | EATON VANCE NEW YORK MUN BD | COM | |
| 278274 10 5 | EATON VANCE ENHANCED EQ INC | COM | |
| 278277 10 8 | EATON VANCE ENH EQTY INC FD | COM | |
| 278279 10 4 | EATON VANCE FLTNG RATE INC | COM | |
| 27828A 10 0 | EATON VANCE CALIF MUN BD FD | COM | |
| 27828G 10 7 | EATON VANCE TAX ADVT DIV INC | COM | |
| 27828H 10 5 | EATON VANCE LTD DUR INCOME F | COM | |
| 27828N 10 2 | EATON VANCE TX MGD DIV EQ IN | COM | |
| 27828Q 10 5 | EATON VANCE SR FLTNG RTE TR | COM | |
| 27828S 10 1 | EATON VANCE TX ADV GLBL DIV | COM | |
| 27828U 10 6 | EATON VANCE TX ADV GLB DIV O | COM | |

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|---------------|------------------------------|--------------------|--------|
| 27828V 10 4 | EATON VANCE SH TM DR DIVR IN | COM | |
| 27828X 10 0 | EATON VANCE TAX MNGED BUY WR | COM | |
| 27828Y 10 8 | EATON VANCE TX MNG BY WRT OP | COM | |
| 278284 10 4 | EATON VANCE FLTG RATE INCOM | COM SHS BEN INT | |
| 27829C 10 5 | EATON VANCE TXMGD GL BUYWR O | COM | |
| 27829F 10 8 | EATON VANCE TAX MNGD GBL DV | COM | |
| 27829G 10 6 | EATON VANCE RISK MNGD DIV EQ | COM | |
| 27829L 10 5 | EATON VANCE NATL MUN OPPORT | COM SHS | |
| 27829M 10 3 | EATON VANCE TAX MNGD BUY WRI | COM SH BEN INT | |
| 27829U 10 5 | EATON VANCE MUN INCOME 2028 | SHS | |
| 27829W 10 1 | EATON VANCE HIGH INCOME 2021 | COM SH BEN INT | |
| 27831H 10 0 | EATON VANCE FLTNG RATE 2022 | COM | |
| 278642 10 3 * | EBAY INC | COM | |
| 278642 90 3 | EBAY INC | CALL | |
| 278642 95 3 | EBAY INC | PUT | |
| 278715 20 6 * | EBIX INC | COM NEW | |
| 278715 90 6 | EBIX INC | CALL | |
| 278715 95 6 | EBIX INC | PUT | |
| 27875T AA 9 | ECHO GLOBAL LOGISTICS INC | NOTE 2.500% 5/0 | |
| 27875T 10 1 * | ECHO GLOBAL LOGISTICS INC | COM | |
| 27875T 90 1 | ECHO GLOBAL LOGISTICS INC | CALL | |
| 27875T 95 1 | ECHO GLOBAL LOGISTICS INC | PUT | |
| 278768 10 6 * | ECHOSTAR CORP | CL A | |
| 278768 90 6 | ECHOSTAR CORP | CALL | |
| 278768 95 6 | ECHOSTAR CORP | PUT | |
| 278865 10 0 * | ECOLAB INC | COM | |
| 278865 90 0 | ECOLAB INC | CALL | |
| 278865 95 0 | ECOLAB INC | PUT | |
| 278878 10 3 | ECOLOGY & ENVIRONMENT INC | CL A | |
| 279158 10 9 * | ECOPETROL S A | SPONSORED ADS | |
| 279158 90 9 | ECOPETROL S A | CALL | |
| 279158 95 9 | ECOPETROL S A | PUT | |
| 27966L 10 8 | EDESA BIOTECH INC | COM | ADDED |
| 28035Q 10 2 * | EDGEWELL PERS CARE CO | COM | |

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| 28035Q 90 2 | EDGEWELL PERS CARE CO | CALL | |
| 28035Q 95 2 | EDGEWELL PERS CARE CO | PUT | |
| 281020 10 7 * | EDISON INTL | COM | |
| 281020 90 7 | EDISON INTL | CALL | |
| 281020 95 7 | EDISON INTL | PUT | |
| 28103E 10 6 | EDISON NATION INC | COM | |
| 28106W 10 3 * | EDITAS MEDICINE INC | COM | |
| 28106W 90 3 | EDITAS MEDICINE INC | CALL | |
| 28106W 95 3 | EDITAS MEDICINE INC | PUT | |
| 28138X 10 3 | EDTECHX HLDGS ACQUISITION CO | COM | |
| 28138X 11 1 | EDTECHX HLDGS ACQUISITION CO | *W EXP 12/31/202 | |
| 28138X 20 2 | EDTECHX HLDGS ACQUISITION CO | UNIT 12/31/2025 | |
| 281479 10 5 | EDUCATIONAL DEV CORP | COM | |
| 28176E 10 8 * | EDWARDS LIFESCIENCES CORP | COM | |
| 28176E 90 8 | EDWARDS LIFESCIENCES CORP | CALL | |
| 28176E 95 8 | EDWARDS LIFESCIENCES CORP | PUT | |
| 28225C 80 6 * | EGAIN CORP | COM NEW | |
| 28225C 90 6 | EGAIN CORP | CALL | |
| 28225C 95 6 | EGAIN CORP | PUT | |
| 28238P 10 9 * | EHEALTH INC | COM | |
| 28238P 90 9 | EHEALTH INC | CALL | |
| 28238P 95 9 | EHEALTH INC | PUT | |
| 28249H 10 4 | EIDOS THERAPEUTICS INC | COM | |
| 28249U 10 5 * | EIGER BIOPHARMACEUTICALS INC | COM | |
| 28249U 90 5 | EIGER BIOPHARMACEUTICALS INC | CALL | |
| 28249U 95 5 | EIGER BIOPHARMACEUTICALS INC | PUT | |
| 28252W 10 5 | 1895 BANCORP OF WIS INC | COM | |
| 282644 20 2 * | EKSO BIONICS HLDGS INC | COM NEW | |
| 282644 90 2 | EKSO BIONICS HLDGS INC | CALL | |
| 282644 95 2 | EKSO BIONICS HLDGS INC | PUT | |
| 282914 10 0 * | 8X8 INC NEW | COM | |
| 282914 90 0 | 8X8 INC NEW | CALL | |
| 282914 95 0 | 8X8 INC NEW | PUT | |
| 283677 85 4 * | EL PASO ELEC CO | COM NEW | |

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| 283677 90 4 | EL PASO ELEC CO | CALL | |
| 283677 95 4 | EL PASO ELEC CO | PUT | |
| 283678 20 9 | EL PASO ENERGY CAP TR I | PFD CV TR SECS | |
| 28414H 10 3 * | ELANCO ANIMAL HEALTH INC | COM | |
| 28414H 90 3 | ELANCO ANIMAL HEALTH INC | CALL | |
| 28414H 95 3 | ELANCO ANIMAL HEALTH INC | PUT | |
| 28470R 10 2 * | ELDORADO RESORTS INC | COM | |
| 28470R 90 2 | ELDORADO RESORTS INC | CALL | |
| 28470R 95 2 | ELDORADO RESORTS INC | PUT | |
| 284849 11 4 | ELECTRAMECCANICA VEHS CORP | *W EXP 08/03/202 | |
| 284849 20 5 * | ELECTRAMECCANICA VEHS CORP | COM NEW | |
| 284849 90 5 | ELECTRAMECCANICA VEHS CORP | CALL | |
| 284849 95 5 | ELECTRAMECCANICA VEHS CORP | PUT | |
| 284902 50 9 * | ELDORADO GOLD CORP NEW | COM | |
| 284902 90 9 | ELDORADO GOLD CORP NEW | CALL | |
| 284902 95 9 | ELDORADO GOLD CORP NEW | PUT | |
| 285233 10 2 | ELECTRO-SENSORS INC | COM | |
| 28531P 10 3 | ELECTROCORE INC | COM | |
| 285409 10 8 | ELECTROMED INC | COM | |
| 285512 10 9 * | ELECTRONIC ARTS INC | COM | |
| 285512 90 9 | ELECTRONIC ARTS INC | CALL | |
| 285512 95 9 | ELECTRONIC ARTS INC | PUT | |
| 286082 AC 6 | ELECTRONICS FOR IMAGING INC | NOTE 0.750% 9/0 | |
| 286082 10 2 * | ELECTRONICS FOR IMAGING INC | COM | |
| 286082 90 2 | ELECTRONICS FOR IMAGING INC | CALL | |
| 286082 95 2 | ELECTRONICS FOR IMAGING INC | PUT | |
| 28618M 10 6 * | ELEMENT SOLUTIONS INC | COM | |
| 28618M 90 6 | ELEMENT SOLUTIONS INC | CALL | |
| 28618M 95 6 | ELEMENT SOLUTIONS INC | PUT | |
| 28621V 10 1 | ELEVATE CREDIT INC | COM | |
| 28849P 10 0 * | ELLIE MAE INC | COM | DELETED |
| 28849P 90 0 | ELLIE MAE INC | CALL | DELETED |
| 28849P 95 0 | ELLIE MAE INC | PUT | DELETED |
| 28852N 10 9 * | ELLINGTON FINANCIAL INC | COM | |

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| 28852N 90 9 | ELLINGTON FINANCIAL INC | CALL | |
| 28852N 95 9 | ELLINGTON FINANCIAL INC | PUT | |
| 288578 10 7 | ELLINGTON RESIDENTIAL MTG RE | COM SHS BEN INT | |
| 289074 10 6 | ELLSWORTH GRWTH AND INCOME L | COM | |
| 289660 10 2 | ELMIRA SVGS BK ELMIRA N Y | COM | |
| 29014R 10 3 | ELOXX PHARMACEUTICALS INC | COM | |
| 29076N 20 6 * | EMAGIN CORP | COM NEW | |
| 29076N 90 6 | EMAGIN CORP | CALL | |
| 29076N 95 6 | EMAGIN CORP | PUT | |
| 29081P 20 4 | EMBOTELLADORA ANDINA S A | SPON ADR A | |
| 29081P 30 3 | EMBOTELLADORA ANDINA S A | SPON ADR B | |
| 29082A 10 7 * | EMBRAER S A | SPONSORED ADS | |
| 29082A 90 7 | EMBRAER S A | CALL | |
| 29082A 95 7 | EMBRAER S A | PUT | |
| 290828 10 2 | EMCLAIRE FINL CORP | COM | |
| 29084Q 10 0 * | EMCOR GROUP INC | COM | |
| 29084Q 90 0 | EMCOR GROUP INC | CALL | |
| 29084Q 95 0 | EMCOR GROUP INC | PUT | |
| 290846 20 3 * | EMCORE CORP | COM NEW | |
| 290846 90 3 | EMCORE CORP | CALL | |
| 290846 95 3 | EMCORE CORP | PUT | |
| 29089Q 10 5 * | EMERGENT BIOSOLUTIONS INC | COM | |
| 29089Q 90 5 | EMERGENT BIOSOLUTIONS INC | CALL | |
| 29089Q 95 5 | EMERGENT BIOSOLUTIONS INC | PUT | |
| 291011 10 4 * | EMERSON ELEC CO | COM | |
| 291011 90 4 | EMERSON ELEC CO | CALL | |
| 291011 95 4 | EMERSON ELEC CO | PUT | |
| 29102H 10 8 * | EMERGE ENERGY SVCS LP | COM REP PARTN | DELETED |
| 29102H 90 8 | EMERGE ENERGY SVCS LP | CALL | DELETED |
| 29102H 95 8 | EMERGE ENERGY SVCS LP | PUT | DELETED |
| 29103B 10 0 * | EMERALD EXPOSITIONS EVENTS I | COM | |
| 29103B 90 0 | EMERALD EXPOSITIONS EVENTS I | CALL | |
| 29103B 95 0 | EMERALD EXPOSITIONS EVENTS I | PUT | |
| 291087 20 3 * | EMERSON RADIO CORP | COM NEW | |

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| 291087 90 3 | EMERSON RADIO CORP | CALL | |
| 291087 95 3 | EMERSON RADIO CORP | PUT | |
| 291525 40 0 * | EMMIS COMMUNICATIONS CORP | COM NEW CL A | |
| 291525 90 0 | EMMIS COMMUNICATIONS CORP | CALL | |
| 291525 95 0 | EMMIS COMMUNICATIONS CORP | PUT | |
| 292052 30 5 * | EMPIRE RESORTS INC | COM PAR \$0 01 | |
| 292052 90 5 | EMPIRE RESORTS INC | CALL | |
| 292052 95 5 | EMPIRE RESORTS INC | PUT | |
| 292102 10 0 | EMPIRE ST RLTY OP L P | UNIT LTD PRTNSP | |
| 292102 20 9 | EMPIRE ST RLTY OP L P | UNIT LTD PRT 60 | |
| 292102 30 8 | EMPIRE ST RLTY OP L P | UNIT LTD PRT 250 | |
| 292104 10 6 * | EMPIRE ST RLTY TR INC | CL A | |
| 292104 90 6 | EMPIRE ST RLTY TR INC | CALL | |
| 292104 95 6 | EMPIRE ST RLTY TR INC | PUT | |
| 292218 10 4 * | EMPLOYERS HOLDINGS INC | COM | |
| 292218 90 4 | EMPLOYERS HOLDINGS INC | CALL | |
| 292218 95 4 | EMPLOYERS HOLDINGS INC | PUT | |
| 29244A 10 2 | EMPRESA DIST Y COMERCIAL NOR | SPON ADR | |
| 292480 10 0 * | ENABLE MIDSTREAM PARTNERS LP | COM UNIT RP IN | |
| 292480 90 0 | ENABLE MIDSTREAM PARTNERS LP | CALL | |
| 292480 95 0 | ENABLE MIDSTREAM PARTNERS LP | PUT | |
| 29250N 10 5 * | ENBRIDGE INC | COM | |
| 29250N 90 5 | ENBRIDGE INC | CALL | |
| 29250N 95 5 | ENBRIDGE INC | PUT | |
| 292505 10 4 * | ENCANA CORP | COM | |
| 292505 90 4 | ENCANA CORP | CALL | |
| 292505 95 4 | ENCANA CORP | PUT | |
| 29251M 10 6 * | ENANTA PHARMACEUTICALS INC | COM | |
| 29251M 90 6 | ENANTA PHARMACEUTICALS INC | CALL | |
| 29251M 95 6 | ENANTA PHARMACEUTICALS INC | PUT | |
| 292554 AF 9 | ENCORE CAP GROUP INC | NOTE 3.000% 7/0 | |
| 292554 AH 5 | ENCORE CAP GROUP INC | NOTE 2.875% 3/1 | |
| 292554 AK 8 | ENCORE CAP GROUP INC | NOTE 3.250% 3/1 | |
| 292554 10 2 * | ENCORE CAP GROUP INC | COM | |

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| 292554 90 2 | ENCORE CAP GROUP INC | CALL | |
| 292554 95 2 | ENCORE CAP GROUP INC | PUT | |
| 292562 10 5 * | ENCORE WIRE CORP | COM | |
| 292562 90 5 | ENCORE WIRE CORP | CALL | |
| 292562 95 5 | ENCORE WIRE CORP | PUT | |
| 29258Y 10 3 * | ENDEAVOUR SILVER CORP | COM | |
| 29258Y 90 3 | ENDEAVOUR SILVER CORP | CALL | |
| 29258Y 95 3 | ENDEAVOUR SILVER CORP | PUT | |
| 29260U AA 5 | ENCORE CAP EUROPE FIN LTD | NOTE 4.500% 9/0 | |
| 29260V 10 5 | ENDAVA PLC | ADS | |
| 29261A 10 0 * | ENCOMPASS HEALTH CORP | COM | |
| 29261A 90 0 | ENCOMPASS HEALTH CORP | CALL | |
| 29261A 95 0 | ENCOMPASS HEALTH CORP | PUT | |
| 29266S AB 2 | ENDOLOGIX INC | NOTE 3.250%11/0 | |
| 29266S 30 4 * | ENDOLOGIX INC | COM NEW | |
| 29266S 90 4 | ENDOLOGIX INC | CALL | |
| 29266S 95 4 | ENDOLOGIX INC | PUT | |
| 292671 17 9 | ENERGY FUELS INC | *W EXP 09/20/202 | |
| 292671 70 8 * | ENERGY FUELS INC | COM NEW | |
| 292671 90 8 | ENERGY FUELS INC | CALL | |
| 292671 95 8 | ENERGY FUELS INC | PUT | |
| 29268T 30 0 * | ENERGY FOCUS INC | COM NEW | |
| 29268T 90 0 | ENERGY FOCUS INC | CALL | |
| 29268T 95 0 | ENERGY FOCUS INC | PUT | |
| 29270J 10 0 * | ENERGY RECOVERY INC | COM | |
| 29270J 90 0 | ENERGY RECOVERY INC | CALL | |
| 29270J 95 0 | ENERGY RECOVERY INC | PUT | |
| 29272B 10 5 * | ENDURANCE INTL GROUP HLDGS I | COM | |
| 29272B 90 5 | ENDURANCE INTL GROUP HLDGS I | CALL | |
| 29272B 95 5 | ENDURANCE INTL GROUP HLDGS I | PUT | |
| 29272C 10 3 * | ENERGOUS CORP | COM | |
| 29272C 90 3 | ENERGOUS CORP | CALL | |
| 29272C 95 3 | ENERGOUS CORP | PUT | |
| 29272W 10 9 * | ENERGIZER HLDGS INC NEW | COM | |

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| 29272W 90 9 | ENERGIZER HLDGS INC NEW | CALL | |
| 29272W 95 9 | ENERGIZER HLDGS INC NEW | PUT | |
| 29272W 20 8 | ENERGIZER HLDGS INC NEW | 7.5 MCNV PFD A | |
| 29273B 10 4 | ENDRA LIFE SCIENCES INC | COM | |
| 29273B 11 2 | ENDRA LIFE SCIENCES INC | *W EXP 05/08/202 | |
| 29273V 10 0 * | ENERGY TRANSFER LP | COM UT LTD PTN | |
| 29273V 90 0 | ENERGY TRANSFER LP | CALL | |
| 29273V 95 0 | ENERGY TRANSFER LP | PUT | |
| 29274F 10 4 * | ENEL AMERICAS S A | SPONSORED ADR | |
| 29274F 90 4 | ENEL AMERICAS S A | CALL | |
| 29274F 95 4 | ENEL AMERICAS S A | PUT | |
| 29274F 13 8 | ENEL AMERICAS S A | RIGHT 07/25/2019 | ADDED |
| 29275Y 10 2 * | ENERSYS | COM | |
| 29275Y 90 2 | ENERSYS | CALL | |
| 29275Y 95 2 | ENERSYS | PUT | |
| 292766 10 2 * | ENERPLUS CORP | COM | |
| 292766 90 2 | ENERPLUS CORP | CALL | |
| 292766 95 2 | ENERPLUS CORP | PUT | |
| 29278D 10 5 * | ENEL CHILE S A | SPONSORED ADR | |
| 29278D 90 5 | ENEL CHILE S A | CALL | |
| 29278D 95 5 | ENEL CHILE S A | PUT | |
| 293306 10 6 * | ENGLOBAL CORP | COM | |
| 293306 90 6 | ENGLOBAL CORP | CALL | |
| 293306 95 6 | ENGLOBAL CORP | PUT | |
| 29336T 10 0 * | ENLINK MIDSTREAM LLC | COM UNIT REP LTD | |
| 29336T 90 0 | ENLINK MIDSTREAM LLC | CALL | |
| 29336T 95 0 | ENLINK MIDSTREAM LLC | PUT | |
| 293389 10 2 * | ENNIS INC | COM | |
| 293389 90 2 | ENNIS INC | CALL | |
| 293389 95 2 | ENNIS INC | PUT | |
| 29350E 10 4 | ENOCHIAN BIOSCIENCES INC | COM | |
| 29355A 10 7 * | ENPHASE ENERGY INC | COM | |
| 29355A 90 7 | ENPHASE ENERGY INC | CALL | |
| 29355A 95 7 | ENPHASE ENERGY INC | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 29355X 10 7 * | ENPRO INDS INC | COM | |
| 29355X 90 7 | ENPRO INDS INC | CALL | |
| 29355X 95 7 | ENPRO INDS INC | PUT | |
| 29357K 10 3 * | ENOVA INTL INC | COM | |
| 29357K 90 3 | ENOVA INTL INC | CALL | |
| 29357K 95 3 | ENOVA INTL INC | PUT | |
| 29358P 10 1 * | ENSIGN GROUP INC | COM | |
| 29358P 90 1 | ENSIGN GROUP INC | CALL | |
| 29358P 95 1 | ENSIGN GROUP INC | PUT | |
| 29358Y 10 2 * | ENSERVCO CORP | COM | |
| 29358Y 90 2 | ENSERVCO CORP | CALL | |
| 29358Y 95 2 | ENSERVCO CORP | PUT | |
| 29359W AB 1 | ENSCO JERSEY FIN LTD | NOTE 3.000% 1/3 | |
| 293614 10 3 | ENTASIS THERAPEUTICS HLDGS I | COM | |
| 29362U 10 4 * | ENTEGRIS INC | COM | |
| 29362U 90 4 | ENTEGRIS INC | CALL | |
| 29362U 95 4 | ENTEGRIS INC | PUT | |
| 29363J 10 8 | ENTEGRA FINL CORP | COM | |
| 293639 10 0 * | ENTERCOM COMMUNICATIONS CORP | CL A | |
| 293639 90 0 | ENTERCOM COMMUNICATIONS CORP | CALL | |
| 293639 95 0 | ENTERCOM COMMUNICATIONS CORP | PUT | |
| 29364G 10 3 * | ENERGY CORP NEW | COM | |
| 29364G 90 3 | ENERGY CORP NEW | CALL | |
| 29364G 95 3 | ENERGY CORP NEW | PUT | |
| 293668 10 9 | ENTERPRISE BANCORP INC MASS | COM | |
| 293712 10 5 * | ENTERPRISE FINL SVCS CORP | COM | |
| 293712 90 5 | ENTERPRISE FINL SVCS CORP | CALL | |
| 293712 95 5 | ENTERPRISE FINL SVCS CORP | PUT | |
| 293792 10 7 * | ENTERPRISE PRODS PARTNERS L | COM | |
| 293792 90 7 | ENTERPRISE PRODS PARTNERS L | CALL | |
| 293792 95 7 | ENTERPRISE PRODS PARTNERS L | PUT | |
| 29382R 10 7 * | ENTRAVISION COMMUNICATIONS C | CL A | |
| 29382R 90 7 | ENTRAVISION COMMUNICATIONS C | CALL | |
| 29382R 95 7 | ENTRAVISION COMMUNICATIONS C | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 293828 80 2 | ENTREPRENEURSHARES SER TRUST | ERSHARES 30 ETF | |
| 293828 88 5 | ENTREPRENEURSHARES SER TRUST | NON US SML CP | |
| 29384J 10 3 * | ENTREE RES LTD | COM | |
| 29384J 90 3 | ENTREE RES LTD | CALL | |
| 29384J 95 3 | ENTREE RES LTD | PUT | |
| 29404K AA 4 | ENVESTNET INC | NOTE 1.750%12/1 | |
| 29404K AB 2 | ENVESTNET INC | NOTE 1.750% 6/0 | ADDED |
| 29404K 10 6 * | ENVESTNET INC | COM | |
| 29404K 90 6 | ENVESTNET INC | CALL | |
| 29404K 95 6 | ENVESTNET INC | PUT | |
| 294100 10 2 * | ENZO BIOCHEM INC | COM | |
| 294100 90 2 | ENZO BIOCHEM INC | CALL | |
| 294100 95 2 | ENZO BIOCHEM INC | PUT | |
| 29413Q 11 0 | ENVISION SOLAR INTL INC | *W EXP 12/30/202 | ADDED |
| 29413Q 20 1 | ENVISION SOLAR INTL INC | COM | ADDED |
| 29414B 10 4 * | EPAM SYS INC | COM | |
| 29414B 90 4 | EPAM SYS INC | CALL | |
| 29414B 95 4 | EPAM SYS INC | PUT | |
| 29414J 10 7 * | ENVIVA PARTNERS LP | COM UNIT | |
| 29414J 90 7 | ENVIVA PARTNERS LP | CALL | |
| 29414J 95 7 | ENVIVA PARTNERS LP | PUT | |
| 294268 10 7 * | EPLUS INC | COM | |
| 294268 90 7 | EPLUS INC | CALL | |
| 294268 95 7 | EPLUS INC | PUT | |
| 29428V 10 4 * | EPIZYME INC | COM | |
| 29428V 90 4 | EPIZYME INC | CALL | |
| 29428V 95 4 | EPIZYME INC | PUT | |
| 294375 20 9 | EPSILON ENERGY LTD | COM | |
| 294429 10 5 * | EQUIFAX INC | COM | |
| 294429 90 5 | EQUIFAX INC | CALL | |
| 294429 95 5 | EQUIFAX INC | PUT | |
| 29444U 70 0 * | EQUINIX INC | COM | |
| 29444U 90 0 | EQUINIX INC | CALL | |
| 29444U 95 0 | EQUINIX INC | PUT | |

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| 29446K 10 6 | EQUILLIUM INC | COM | |
| 29446M 10 2 * | EQUINOR ASA | SPONSORED ADR | |
| 29446M 90 2 | EQUINOR ASA | CALL | |
| 29446M 95 2 | EQUINOR ASA | PUT | |
| 29460X 10 9 | EQUITY BANCSHARES INC | COM CL A | |
| 294600 10 1 * | EQUITRANS MIDSTREAM CORPORAT | COM | |
| 294600 90 1 | EQUITRANS MIDSTREAM CORPORAT | CALL | |
| 294600 95 1 | EQUITRANS MIDSTREAM CORPORAT | PUT | |
| 294628 10 2 * | EQUITY COMWLTH | COM SH BEN INT | |
| 294628 90 2 | EQUITY COMWLTH | CALL | |
| 294628 95 2 | EQUITY COMWLTH | PUT | |
| 294628 20 1 | EQUITY COMWLTH | CUM PFD S D 6.5% | |
| 29472R 10 8 * | EQUITY LIFESTYLE PPTYS INC | COM | |
| 29472R 90 8 | EQUITY LIFESTYLE PPTYS INC | CALL | |
| 29472R 95 8 | EQUITY LIFESTYLE PPTYS INC | PUT | |
| 29476L 10 7 * | EQUITY RESIDENTIAL | SH BEN INT | |
| 29476L 90 7 | EQUITY RESIDENTIAL | CALL | |
| 29476L 95 7 | EQUITY RESIDENTIAL | PUT | |
| 294766 10 0 | EQUUS TOTAL RETURN INC | COM | |
| 294821 60 8 * | ERICSSON | ADR B SEK 10 | |
| 294821 90 8 | ERICSSON | CALL | |
| 294821 95 8 | ERICSSON | PUT | |
| 29530P 10 2 * | ERIE INDY CO | CL A | |
| 29530P 90 2 | ERIE INDY CO | CALL | |
| 29530P 95 2 | ERIE INDY CO | PUT | |
| 29604W 10 8 | ERYTECH PHARMA | SPONSORED ADR | |
| 296056 10 4 * | ESCALADE INC | COM | |
| 296056 90 4 | ESCALADE INC | CALL | |
| 296056 95 4 | ESCALADE INC | PUT | |
| 296315 10 4 * | ESCO TECHNOLOGIES INC | COM | |
| 296315 90 4 | ESCO TECHNOLOGIES INC | CALL | |
| 296315 95 4 | ESCO TECHNOLOGIES INC | PUT | |
| 29664W 10 5 * | ESPERION THERAPEUTICS INC NE | COM | |
| 29664W 90 5 | ESPERION THERAPEUTICS INC NE | CALL | |

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|---------------|------------------------------|--------------------|--------------------|
| 29664W 95 5 | ESPERION THERAPEUTICS INC NE | PUT | |
| 296650 10 4 | ESPEY MFG & ELECTRS CORP | COM | |
| 29667D 10 4 | ESSA BANCORP INC | COM | |
| 29667J 10 1 | ESQUIRE FINL HLDGS INC | COM | |
| 29668H 70 8 | ESSA PHARMA INC | COM NEW | |
| 29670E 10 7 * | ESSENTIAL PPTYS RLTY TR INC | COM | |
| 29670E 90 7 | ESSENTIAL PPTYS RLTY TR INC | CALL | |
| 29670E 95 7 | ESSENTIAL PPTYS RLTY TR INC | PUT | |
| 297178 10 5 * | ESSEX PPTY TR INC | COM | |
| 297178 90 5 | ESSEX PPTY TR INC | CALL | |
| 297178 95 5 | ESSEX PPTY TR INC | PUT | |
| 297602 10 4 * | ETHAN ALLEN INTERIORS INC | COM | |
| 297602 90 4 | ETHAN ALLEN INTERIORS INC | CALL | |
| 297602 95 4 | ETHAN ALLEN INTERIORS INC | PUT | |
| 29772L 10 8 | ETON PHARMACEUTICALS INC | COM | |
| 29786A AC 0 | ETSY INC | NOTE | 3/0 |
| 29786A 10 6 * | ETSY INC | COM | |
| 29786A 90 6 | ETSY INC | CALL | |
| 29786A 95 6 | ETSY INC | PUT | |
| 298736 AH 2 | EURONET WORLDWIDE INC | NOTE | 1.500%10/0 DELETED |
| 298736 10 9 * | EURONET WORLDWIDE INC | COM | |
| 298736 90 9 | EURONET WORLDWIDE INC | CALL | |
| 298736 95 9 | EURONET WORLDWIDE INC | PUT | |
| 298768 10 2 | EUROPEAN EQUITY FUND | COM | |
| 29911Q 20 8 | EVANS BANCORP INC | COM NEW | |
| 299734 10 3 | EVELO BIOSCIENCES INC | COM | |
| 29975E 10 9 * | EVENTBRITE INC | COM CL A | |
| 29975E 90 9 | EVENTBRITE INC | CALL | |
| 29975E 95 9 | EVENTBRITE INC | PUT | |
| 299766 20 4 | EVER GLORY INTL GRP INC | COM NEW | |
| 29977A 10 5 * | EVERCORE INC | CLASS A | |
| 29977A 90 5 | EVERCORE INC | CALL | |
| 29977A 95 5 | EVERCORE INC | PUT | |
| 29978A AA 2 | EVERBRIDGE INC | NOTE | 1.500%11/0 |

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|-----------------|---------------------------|---------------------------|---------------|
| 29978A 10 4 * | EVERBRIDGE INC | COM | |
| 29978A 90 4 | EVERBRIDGE INC | CALL | |
| 29978A 95 4 | EVERBRIDGE INC | PUT | |
| 30034T 10 3 * | EVERI HLDGS INC | COM | |
| 30034T 90 3 | EVERI HLDGS INC | CALL | |
| 30034T 95 3 | EVERI HLDGS INC | PUT | |
| 30034W 10 6 * | EVERGY INC | COM | |
| 30034W 90 6 | EVERGY INC | CALL | |
| 30034W 95 6 | EVERGY INC | PUT | |
| 30040P 10 3 * | EVERTEC INC | COM | |
| 30040P 90 3 | EVERTEC INC | CALL | |
| 30040P 95 3 | EVERTEC INC | PUT | |
| 30040W 10 8 * | EVERSOURCE ENERGY | COM | |
| 30040W 90 8 | EVERSOURCE ENERGY | CALL | |
| 30040W 95 8 | EVERSOURCE ENERGY | PUT | |
| 30041R 10 8 | EVERQUOTE INC | COM CL A | |
| 30041T 10 4 | EVERSPIN TECHNOLOGIES INC | COM | |
| 30048L 10 4 | EVOFEM BIOSCIENCES INC | COM | |
| 300487 10 5 * | EVINE LIVE INC | CL A | |
| 300487 90 5 | EVINE LIVE INC | CALL | |
| 300487 95 5 | EVINE LIVE INC | PUT | |
| 30049A 10 7 * | EVOLUTION PETROLEUM CORP | COM | |
| 30049A 90 7 | EVOLUTION PETROLEUM CORP | CALL | |
| 30049A 95 7 | EVOLUTION PETROLEUM CORP | PUT | |
| 30049G 10 4 | EVOKE PHARMA INC | COM | |
| 30049R 20 9 * | EVOLVING SYS INC | COM NEW | |
| 30049R 90 9 | EVOLVING SYS INC | CALL | |
| 30049R 95 9 | EVOLVING SYS INC | PUT | |
| 30050B AB 7 | EVOLENT HEALTH INC | NOTE 2.000%12/0 | |
| 30050B 10 1 * | EVOLENT HEALTH INC | CL A | |
| 30050B 90 1 | EVOLENT HEALTH INC | CALL | |
| 30050B 95 1 | EVOLENT HEALTH INC | PUT | |
| 30052C 10 7 * | EVOLUS INC | COM | |
| 30052C 90 7 | EVOLUS INC | CALL | |

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| 30052C 95 7 | EVOLUS INC | PUT | |
| 30057T 10 5 * | EVOQUA WATER TECHNOLOGIES CO | COM | |
| 30057T 90 5 | EVOQUA WATER TECHNOLOGIES CO | CALL | |
| 30057T 95 5 | EVOQUA WATER TECHNOLOGIES CO | PUT | |
| 30063P AA 3 | EXACT SCIENCES CORP | NOTE 1.000% 1/1 | |
| 30063P AB 1 | EXACT SCIENCES CORP | NOTE 0.375% 3/1 | |
| 30063P 10 5 * | EXACT SCIENCES CORP | COM | |
| 30063P 90 5 | EXACT SCIENCES CORP | CALL | |
| 30063P 95 5 | EXACT SCIENCES CORP | PUT | |
| 30068N 10 5 * | EXANTAS CAP CORP | COM NEW | |
| 30068N 90 5 | EXANTAS CAP CORP | CALL | |
| 30068N 95 5 | EXANTAS CAP CORP | PUT | |
| 301505 30 1 | EXCHANGE TRADED CONCEPTS TR | YLD SHS HGH INC | |
| 301505 40 0 | EXCHANGE TRADED CONCEPTS TR | FLAG FRNSIC ACC | |
| 301505 70 7 * | EXCHANGE TRADED CONCEPTS TR | ROBO GLB ETF | |
| 301505 90 7 | EXCHANGE TRADED CONCEPTS TR | CALL | |
| 301505 95 7 | EXCHANGE TRADED CONCEPTS TR | PUT | |
| 301505 72 3 | EXCHANGE TRADED CONCEPTS TR | ROBO GBL HLTCR | ADDED |
| 301505 74 9 | EXCHANGE TRADED CONCEPTS TR | VSPR US LC ETF | |
| 301505 75 6 | EXCHANGE TRADED CONCEPTS TR | IDEANOMICS NXTGN | |
| 301505 76 4 | EXCHANGE TRADED CONCEPTS TR | INNOVATION SHS | |
| 301505 78 0 | EXCHANGE TRADED CONCEPTS TR | BERNSTEIN GBL | |
| 301505 79 8 | EXCHANGE TRADED CONCEPTS TR | BERNSTEIN US RSH | |
| 301505 80 6 | EXCHANGE TRADED CONCEPTS TR | HULL TACTIC US | |
| 301505 81 4 | EXCHANGE TRADED CONCEPTS TR | ETF IND EX FIN | DELETED |
| 301505 88 9 | EXCHANGE TRADED CONCEPTS TR | EMQQ EM INTERN | |
| 30151E 60 8 | EXCHANGE LISTED FDS TR | KNLDG LD WD ETF | |
| 30151E 78 0 | EXCHANGE LISTED FDS TR | QRAFT AI US MMTM | ADDED |
| 30151E 79 8 | EXCHANGE LISTED FDS TR | QRAFT AI ENHCD | ADDED |
| 30151E 80 6 | EXCHANGE LISTED FDS TR | SABA INT RATE | |
| 30151E 81 4 * | EXCHANGE LISTED FDS TR | HIGH YIELD ETF | |
| 30151E 90 4 | EXCHANGE LISTED FDS TR | CALL | |
| 30151E 95 4 | EXCHANGE LISTED FDS TR | PUT | |
| 30151E 84 8 | EXCHANGE LISTED FDS TR | INSIGHTSHARES | |

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| 30151E 85 5 | EXCHANGE LISTED FDS TR | INSIGHTSHARES | |
| 30161N 10 1 * | EXELON CORP | COM | |
| 30161N 90 1 | EXELON CORP | CALL | |
| 30161N 95 1 | EXELON CORP | PUT | |
| 30161Q 10 4 * | EXELIXIS INC | COM | |
| 30161Q 90 4 | EXELIXIS INC | CALL | |
| 30161Q 95 4 | EXELIXIS INC | PUT | |
| 30162V 10 2 | EXELA TECHNOLOGIES INC | COM | |
| 302046 10 7 | EXFO INC | SUB VTG SHS | |
| 302081 10 4 * | EXLSERVICE HOLDINGS INC | COM | |
| 302081 90 4 | EXLSERVICE HOLDINGS INC | CALL | |
| 302081 95 4 | EXLSERVICE HOLDINGS INC | PUT | |
| 302104 10 4 * | EXONE CO | COM | |
| 302104 90 4 | EXONE CO | CALL | |
| 302104 95 4 | EXONE CO | PUT | |
| 30212P 30 3 * | EXPEDIA GROUP INC | COM NEW | |
| 30212P 90 3 | EXPEDIA GROUP INC | CALL | |
| 30212P 95 3 | EXPEDIA GROUP INC | PUT | |
| 30212W 10 0 | EXP WORLD HOLDINGS INC | COM | |
| 302130 10 9 * | EXPEDITORS INTL WASH INC | COM | |
| 302130 90 9 | EXPEDITORS INTL WASH INC | CALL | |
| 302130 95 9 | EXPEDITORS INTL WASH INC | PUT | |
| 30214U 10 2 * | EXPONENT INC | COM | |
| 30214U 90 2 | EXPONENT INC | CALL | |
| 30214U 95 2 | EXPONENT INC | PUT | |
| 30219E 10 3 * | EXPRESS INC | COM | |
| 30219E 90 3 | EXPRESS INC | CALL | |
| 30219E 95 3 | EXPRESS INC | PUT | |
| 30224P 20 0 * | EXTENDED STAY AMER INC | UNIT 99/99/9999B | |
| 30224P 90 0 | EXTENDED STAY AMER INC | CALL | |
| 30224P 95 0 | EXTENDED STAY AMER INC | PUT | |
| 30225T 10 2 * | EXTRA SPACE STORAGE INC | COM | |
| 30225T 90 2 | EXTRA SPACE STORAGE INC | CALL | |
| 30225T 95 2 | EXTRA SPACE STORAGE INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 30226D 10 6 * | EXTREME NETWORKS INC | COM | |
| 30226D 90 6 | EXTREME NETWORKS INC | CALL | |
| 30226D 95 6 | EXTREME NETWORKS INC | PUT | |
| 30227H 10 6 * | EXTERRAN CORP | COM | |
| 30227H 90 6 | EXTERRAN CORP | CALL | |
| 30227H 95 6 | EXTERRAN CORP | PUT | |
| 30227M 10 5 * | EXTRACTION OIL AND GAS INC | COM | |
| 30227M 90 5 | EXTRACTION OIL AND GAS INC | CALL | |
| 30227M 95 5 | EXTRACTION OIL AND GAS INC | PUT | |
| 302301 AB 2 | EZCORP INC | NOTE 2.125% 6/1 | DELETED |
| 302301 AE 6 | EZCORP INC | NOTE 2.375% 5/0 | ADDED |
| 302301 AF 3 | EZCORP INC | NOTE 2.875% 7/0 | |
| 302301 10 6 * | EZCORP INC | CL A NON VTG | |
| 302301 90 6 | EZCORP INC | CALL | |
| 302301 95 6 | EZCORP INC | PUT | |
| 30231G 10 2 * | EXXON MOBIL CORP | COM | |
| 30231G 90 2 | EXXON MOBIL CORP | CALL | |
| 30231G 95 2 | EXXON MOBIL CORP | PUT | |
| 30233G 10 0 * | EYEPOINT PHARMACEUTICALS INC | COM | |
| 30233G 90 0 | EYEPOINT PHARMACEUTICALS INC | CALL | |
| 30233G 95 0 | EYEPOINT PHARMACEUTICALS INC | PUT | |
| 30233M 10 7 | EYEGATE PHARMACEUTICALS INC | COM | |
| 30233M 11 5 | EYEGATE PHARMACEUTICALS INC | *W EXP 08/05/202 | |
| 30234E 10 4 | EYENOVIA INC | COM | |
| 30239F 10 6 * | FBL FINL GROUP INC | CL A | |
| 30239F 90 6 | FBL FINL GROUP INC | CALL | |
| 30239F 95 6 | FBL FINL GROUP INC | PUT | |
| 302445 10 1 * | FLIR SYS INC | COM | |
| 302445 90 1 | FLIR SYS INC | CALL | |
| 302445 95 1 | FLIR SYS INC | PUT | |
| 302491 30 3 * | F M C CORP | COM NEW | |
| 302491 90 3 | F M C CORP | CALL | |
| 302491 95 3 | F M C CORP | PUT | |
| 302520 10 1 * | FNB CORP PA | COM | |

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| 302520 90 1 | FNB CORP PA | CALL | |
| 302520 95 1 | FNB CORP PA | PUT | |
| 30257X 10 4 | FB FINL CORP | COM | |
| 302578 10 9 | FNCB BANCORP INC | COM | |
| 30258M 10 7 | FFBW INC | COM | |
| 30258N 10 5 | FAT BRANDS INC | COM | |
| 30263Y 10 4 | FS BANCORP INC | COM | |
| 302635 10 7 * | FS KKR CAPITAL CORP | COM | |
| 302635 90 7 | FS KKR CAPITAL CORP | CALL | |
| 302635 95 7 | FS KKR CAPITAL CORP | PUT | |
| 30281V 10 8 * | FTD COS INC | COM | DELETED |
| 30281V 90 8 | FTD COS INC | CALL | DELETED |
| 30281V 95 8 | FTD COS INC | PUT | DELETED |
| 30283R 40 2 | FTE NETWORKS INC | COM PAR | |
| 30283W 10 4 * | FTS INTERNATIONAL INC | COM | |
| 30283W 90 4 | FTS INTERNATIONAL INC | CALL | |
| 30283W 95 4 | FTS INTERNATIONAL INC | PUT | |
| 30289C 10 2 | FSB BANCORP INC | COM | |
| 30292L 10 7 | FRP HLDGS INC | COM | |
| 302941 10 9 * | FTI CONSULTING INC | COM | |
| 302941 90 9 | FTI CONSULTING INC | CALL | |
| 302941 95 9 | FTI CONSULTING INC | PUT | |
| 30303M 10 2 * | FACEBOOK INC | CL A | |
| 30303M 90 2 | FACEBOOK INC | CALL | |
| 30303M 95 2 | FACEBOOK INC | PUT | |
| 303075 10 5 * | FACTSET RESH SYS INC | COM | |
| 303075 90 5 | FACTSET RESH SYS INC | CALL | |
| 303075 95 5 | FACTSET RESH SYS INC | PUT | |
| 303250 10 4 * | FAIR ISAAC CORP | COM | |
| 303250 90 4 | FAIR ISAAC CORP | CALL | |
| 303250 95 4 | FAIR ISAAC CORP | PUT | |
| 30607B 10 9 | FALCON MINERALS CORP | CL A COM | |
| 30607B 20 8 | FALCON MINERALS CORP | *W EXP 07/21/202 | |
| 307068 10 6 * | FAMOUS DAVES AMER INC | COM | |

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| 307068 90 6 | FAMOUS DAVES AMER INC | CALL | |
| 307068 95 6 | FAMOUS DAVES AMER INC | PUT | |
| 30711Y 10 2 * | FANG HLDGS LTD | ADR | |
| 30711Y 90 2 | FANG HLDGS LTD | CALL | |
| 30711Y 95 2 | FANG HLDGS LTD | PUT | |
| 30712A 10 3 * | FANHUA INC | SPONSORED ADR | |
| 30712A 90 3 | FANHUA INC | CALL | |
| 30712A 95 3 | FANHUA INC | PUT | |
| 30734W 10 9 | FAR PT ACQUISITION CORP | COM CL A | |
| 30734W 11 7 | FAR PT ACQUISITION CORP | *W EXP 06/01/202 | |
| 30734W 20 8 | FAR PT ACQUISITION CORP | UNIT 06/01/2025 | |
| 30744W 10 7 * | FARFETCH LTD | ORD SH CL A | |
| 30744W 90 7 | FARFETCH LTD | CALL | |
| 30744W 95 7 | FARFETCH LTD | PUT | |
| 307675 10 8 | FARMER BROS CO | COM | |
| 30779N 10 5 | FARMER & MERCHANTS BANCORP I | COM | |
| 309627 10 7 * | FARMERS NATL BANC CORP | COM | |
| 309627 90 7 | FARMERS NATL BANC CORP | CALL | |
| 309627 95 7 | FARMERS NATL BANC CORP | PUT | |
| 31154R 10 9 * | FARMLAND PARTNERS INC | COM | |
| 31154R 90 9 | FARMLAND PARTNERS INC | CALL | |
| 31154R 95 9 | FARMLAND PARTNERS INC | PUT | |
| 311642 10 2 * | FARO TECHNOLOGIES INC | COM | |
| 311642 90 2 | FARO TECHNOLOGIES INC | CALL | |
| 311642 95 2 | FARO TECHNOLOGIES INC | PUT | |
| 31188V 10 0 * | FASTLY INC | CL A | ADDED |
| 31188V 90 0 | FASTLY INC | CALL | ADDED |
| 31188V 95 0 | FASTLY INC | PUT | ADDED |
| 31189P 10 2 * | FATE THERAPEUTICS INC | COM | |
| 31189P 90 2 | FATE THERAPEUTICS INC | CALL | |
| 31189P 95 2 | FATE THERAPEUTICS INC | PUT | |
| 311900 10 4 * | FASTENAL CO | COM | |
| 311900 90 4 | FASTENAL CO | CALL | |
| 311900 95 4 | FASTENAL CO | PUT | |

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|---------------|----------------------------|--------------------|---------|
| 312059 10 8 | FAUQUIER BANKSHARES INC VA | COM | |
| 313148 10 8 | FEDERAL AGRIC MTG CORP | CL A | |
| 313148 30 6 * | FEDERAL AGRIC MTG CORP | CL C | |
| 313148 90 6 | FEDERAL AGRIC MTG CORP | CALL | |
| 313148 95 6 | FEDERAL AGRIC MTG CORP | PUT | |
| 313533 10 1 | FEDERAL LIFE GROUP INC | COM | DELETED |
| 313747 20 6 * | FEDERAL REALTY INVT TR | SH BEN INT NEW | |
| 313747 90 6 | FEDERAL REALTY INVT TR | CALL | |
| 313747 95 6 | FEDERAL REALTY INVT TR | PUT | |
| 313855 10 8 * | FEDERAL SIGNAL CORP | COM | |
| 313855 90 8 | FEDERAL SIGNAL CORP | CALL | |
| 313855 95 8 | FEDERAL SIGNAL CORP | PUT | |
| 314211 10 3 * | FEDERATED INVS INC PA | CL B | |
| 314211 90 3 | FEDERATED INVS INC PA | CALL | |
| 314211 95 3 | FEDERATED INVS INC PA | PUT | |
| 31423P 10 8 | FEDERATED PREM MUN INC FD | COM | |
| 31428X 10 6 * | FEDEX CORP | COM | |
| 31428X 90 6 | FEDEX CORP | CALL | |
| 31428X 95 6 | FEDEX CORP | PUT | |
| 31431B 10 9 * | FEDNAT HLDG CO | COM | |
| 31431B 90 9 | FEDNAT HLDG CO | CALL | |
| 31431B 95 9 | FEDNAT HLDG CO | PUT | |
| 31447P 10 0 * | FENNEC PHARMACEUTICALS INC | COM | |
| 31447P 90 0 | FENNEC PHARMACEUTICALS INC | CALL | |
| 31447P 95 0 | FENNEC PHARMACEUTICALS INC | PUT | |
| 315293 10 0 * | FERRELLGAS PARTNERS L.P. | UNIT LTD PART | |
| 315293 90 0 | FERRELLGAS PARTNERS L.P. | CALL | |
| 315293 95 0 | FERRELLGAS PARTNERS L.P. | PUT | |
| 315405 10 0 * | FERRO CORP | COM | |
| 315405 90 0 | FERRO CORP | CALL | |
| 315405 95 0 | FERRO CORP | PUT | |
| 315616 10 2 * | F5 NETWORKS INC | COM | |
| 315616 90 2 | F5 NETWORKS INC | CALL | |
| 315616 95 2 | F5 NETWORKS INC | PUT | |

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|-----------------|----------------------------|---------------------------|---------------|
| 31572Q 80 8 * | FIBROGEN INC | COM | |
| 31572Q 90 8 | FIBROGEN INC | CALL | |
| 31572Q 95 8 | FIBROGEN INC | PUT | |
| 315721 40 7 * | FIBROCELL SCIENCE INC | COM | |
| 315721 90 7 | FIBROCELL SCIENCE INC | CALL | |
| 315721 95 7 | FIBROCELL SCIENCE INC | PUT | |
| 315912 80 8 * | FIDELITY COMWLTH TR | NDQ CP IDX TRK | |
| 315912 90 8 | FIDELITY COMWLTH TR | CALL | |
| 315912 95 8 | FIDELITY COMWLTH TR | PUT | |
| 31609R 10 0 | FIDELITY D & D BANCORP INC | COM | |
| 316092 20 4 * | FIDELITY | MSCI CONSM DIS | |
| 316092 90 4 | FIDELITY | CALL | |
| 316092 95 4 | FIDELITY | PUT | |
| 316092 30 3 | FIDELITY | CONSMR STAPLES | |
| 316092 40 2 * | FIDELITY | MSCI ENERGY IDX | |
| 316092 90 2 | FIDELITY | CALL | |
| 316092 95 2 | FIDELITY | PUT | |
| 316092 50 1 * | FIDELITY | MSCI FINLS IDX | |
| 316092 90 1 | FIDELITY | CALL | |
| 316092 95 1 | FIDELITY | PUT | |
| 316092 52 7 | FIDELITY | SML MID FACTR | |
| 316092 53 5 | FIDELITY | TARGETED INTL | |
| 316092 54 3 | FIDELITY | TARGETED EMERG | |
| 316092 60 0 * | FIDELITY | MSCI HLTH CARE I | |
| 316092 90 0 | FIDELITY | CALL | |
| 316092 95 0 | FIDELITY | PUT | |
| 316092 61 8 | FIDELITY | HIGH YILD ETF | |
| 316092 70 9 * | FIDELITY | MSCI INDL INDX | |
| 316092 90 9 | FIDELITY | CALL | |
| 316092 95 9 | FIDELITY | PUT | |
| 316092 71 7 | FIDELITY | INT VL FCT ETF | |
| 316092 72 5 | FIDELITY | INT HG DIV ETF | |
| 316092 78 2 | FIDELITY | VLU FACTOR ETF | |
| 316092 79 0 | FIDELITY | QLTY FCTOR ETF | |

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| 316092 80 8 * | FIDELITY | MSCI INFO TECH I | |
| 316092 90 8 | FIDELITY | CALL | |
| 316092 95 8 | FIDELITY | PUT | |
| 316092 81 6 | FIDELITY | MOMENTUM FACTR | |
| 316092 82 4 | FIDELITY | LOW VOLITY ETF | |
| 316092 83 2 | FIDELITY | DIVID ETF RISI | |
| 316092 84 0 | FIDELITY | HIGH DIVID ETF | |
| 316092 85 7 | FIDELITY | MSCI RL EST ETF | |
| 316092 86 5 | FIDELITY | MSCI UTILS INDEX | |
| 316092 87 3 | FIDELITY | MSCI COMMNTN SVC | |
| 316092 88 1 * | FIDELITY | MSCI MATLS INDEX | |
| 316092 90 1 | FIDELITY | CALL | |
| 316092 95 1 | FIDELITY | PUT | |
| 316188 10 1 | FIDELITY | CORP BOND ETF | |
| 316188 20 0 | FIDELITY | LTD TRM BD ETF | |
| 316188 30 9 | FIDELITY | TOTAL BD ETF | |
| 316188 40 8 | FIDELITY | LOW DURTIN ETF | |
| 31620M 10 6 * | FIDELITY NATL INFORMATION SV | COM | |
| 31620M 90 6 | FIDELITY NATL INFORMATION SV | CALL | |
| 31620M 95 6 | FIDELITY NATL INFORMATION SV | PUT | |
| 31620R 30 3 * | FIDELITY NATIONAL FINANCIAL | FNF GROUP COM | |
| 31620R 90 3 | FIDELITY NATIONAL FINANCIAL | CALL | |
| 31620R 95 3 | FIDELITY NATIONAL FINANCIAL | PUT | |
| 316394 10 5 * | FIDELITY SOUTHERN CORP NEW | COM | |
| 316394 90 5 | FIDELITY SOUTHERN CORP NEW | CALL | |
| 316394 95 5 | FIDELITY SOUTHERN CORP NEW | PUT | |
| 31647Q 10 6 | FIDUCIARY CLAYMORE ENGRY INF | COM | |
| 316500 10 7 * | FIDUS INVT CORP | COM | |
| 316500 90 7 | FIDUS INVT CORP | CALL | |
| 316500 95 7 | FIDUS INVT CORP | PUT | |
| 31660B 10 1 * | FIESTA RESTAURANT GROUP INC | COM | |
| 31660B 90 1 | FIESTA RESTAURANT GROUP INC | CALL | |
| 31660B 95 1 | FIESTA RESTAURANT GROUP INC | PUT | |
| 316773 10 0 * | FIFTH THIRD BANCORP | COM | |

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|---------------|------------------------------|--------------------|---------|
| 316773 90 0 | FIFTH THIRD BANCORP | CALL | |
| 316773 95 0 | FIFTH THIRD BANCORP | PUT | |
| 31680Q 10 4 * | 58 COM INC | SPON ADR REP A | |
| 31680Q 90 4 | 58 COM INC | CALL | |
| 31680Q 95 4 | 58 COM INC | PUT | |
| 316827 AC 8 | 51JOB INC | NOTE 3.250% 4/1 | DELETED |
| 316827 10 4 * | 51JOB INC | SPONSORED ADS | |
| 316827 90 4 | 51JOB INC | CALL | |
| 316827 95 4 | 51JOB INC | PUT | |
| 317585 40 4 * | FINANCIAL INSTNS INC | COM | |
| 317585 90 4 | FINANCIAL INSTNS INC | CALL | |
| 317585 95 4 | FINANCIAL INSTNS INC | PUT | |
| 31787A AM 3 | FINISAR CORP | NOTE 0.500%12/1 | DELETED |
| 31787A AP 6 | FINISAR CORP | NOTE 0.500%12/1 | |
| 31787A 50 7 * | FINISAR CORP | COM NEW | |
| 31787A 90 7 | FINISAR CORP | CALL | |
| 31787A 95 7 | FINISAR CORP | PUT | |
| 31788H 30 3 * | FINJAN HLDGS INC | COM NEW | |
| 31788H 90 3 | FINJAN HLDGS INC | CALL | |
| 31788H 95 3 | FINJAN HLDGS INC | PUT | |
| 31811A 10 1 | FINTECH ACQUISITION CORP III | COM CL A | |
| 31811A 11 9 | FINTECH ACQUISITION CORP III | *W EXP 12/01/202 | |
| 31811A 30 9 | FINTECH ACQUISITION CORP III | UNIT 12/01/2023 | |
| 31816Q AB 7 | FIREEYE INC | NOTE 1.000% 6/0 | |
| 31816Q AD 3 | FIREEYE INC | NOTE 1.625% 6/0 | |
| 31816Q AF 8 | FIREEYE INC | NOTE 0.875% 6/0 | ADDED |
| 31816Q 10 1 * | FIREEYE INC | COM | |
| 31816Q 90 1 | FIREEYE INC | CALL | |
| 31816Q 95 1 | FIREEYE INC | PUT | |
| 31847R 10 2 * | FIRST AMERN FINL CORP | COM | |
| 31847R 90 2 | FIRST AMERN FINL CORP | CALL | |
| 31847R 95 2 | FIRST AMERN FINL CORP | PUT | |
| 31866P 10 2 * | FIRST BANCORP INC ME | COM | |
| 31866P 90 2 | FIRST BANCORP INC ME | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 31866P 95 2 | FIRST BANCORP INC ME | PUT | |
| 318672 70 6 * | FIRST BANCORP P R | COM NEW | |
| 318672 90 6 | FIRST BANCORP P R | CALL | |
| 318672 95 6 | FIRST BANCORP P R | PUT | |
| 318910 10 6 * | FIRST BANCORP N C | COM | |
| 318910 90 6 | FIRST BANCORP N C | CALL | |
| 318910 95 6 | FIRST BANCORP N C | PUT | |
| 318916 10 3 | FIRST BANCSHARES INC MS | COM | |
| 31931U 10 2 | FIRST BANK WILLIAMSTOWN NJ | COM | |
| 319383 20 4 * | FIRST BUSEY CORP | COM NEW | |
| 319383 90 4 | FIRST BUSEY CORP | CALL | |
| 319383 95 4 | FIRST BUSEY CORP | PUT | |
| 319390 10 0 * | FIRST BUS FINL SVCS INC WIS | COM | |
| 319390 90 0 | FIRST BUS FINL SVCS INC WIS | CALL | |
| 319390 95 0 | FIRST BUS FINL SVCS INC WIS | PUT | |
| 31942S 10 4 | FIRST CAPITAL INC | COM | |
| 31946M 10 3 * | FIRST CTZNS BANCSHARES INC N | CL A | |
| 31946M 90 3 | FIRST CTZNS BANCSHARES INC N | CALL | |
| 31946M 95 3 | FIRST CTZNS BANCSHARES INC N | PUT | |
| 31948P 10 4 | FIRST CHOICE BANCORP | COM | |
| 319829 10 7 * | FIRST COMWLTH FINL CORP PA | COM | |
| 319829 90 7 | FIRST COMWLTH FINL CORP PA | CALL | |
| 319829 95 7 | FIRST COMWLTH FINL CORP PA | PUT | |
| 31983A 10 3 * | FIRST CMNTY BANKSHARES INC V | COM | |
| 31983A 90 3 | FIRST CMNTY BANKSHARES INC V | CALL | |
| 31983A 95 3 | FIRST CMNTY BANKSHARES INC V | PUT | |
| 319835 10 4 | FIRST CMNTY CORP S C | COM | |
| 31986N 10 2 | 1ST CONSTITUTION BANCORP | COM | |
| 32006W 10 6 * | FIRST DEFIANCE FINL CORP | COM | |
| 32006W 90 6 | FIRST DEFIANCE FINL CORP | CALL | |
| 32006W 95 6 | FIRST DEFIANCE FINL CORP | PUT | |
| 32008D 10 6 * | FIRST DATA CORP NEW | COM CL A | |
| 32008D 90 6 | FIRST DATA CORP NEW | CALL | |
| 32008D 95 6 | FIRST DATA CORP NEW | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 32020R 10 9 * | FIRST FINL BANKSHARES | COM | |
| 32020R 90 9 | FIRST FINL BANKSHARES | CALL | |
| 32020R 95 9 | FIRST FINL BANKSHARES | PUT | |
| 320209 10 9 * | FIRST FINL BANCORP OH | COM | |
| 320209 90 9 | FIRST FINL BANCORP OH | CALL | |
| 320209 95 9 | FIRST FINL BANCORP OH | PUT | |
| 320218 10 0 * | FIRST FINL CORP IND | COM | |
| 320218 90 0 | FIRST FINL CORP IND | CALL | |
| 320218 95 0 | FIRST FINL CORP IND | PUT | |
| 32022K 10 2 * | FIRST FINANCIAL NORTHWEST IN | COM | |
| 32022K 90 2 | FIRST FINANCIAL NORTHWEST IN | CALL | |
| 32022K 95 2 | FIRST FINANCIAL NORTHWEST IN | PUT | |
| 32026V 10 4 | FIRST FNDTN INC | COM | |
| 32043P 10 6 | FIRST GTY BANCSHARES INC | COM | |
| 32051X 10 8 * | FIRST HAWAIIAN INC | COM | |
| 32051X 90 8 | FIRST HAWAIIAN INC | CALL | |
| 32051X 95 8 | FIRST HAWAIIAN INC | PUT | |
| 320517 10 5 * | FIRST HORIZON NATL CORP | COM | |
| 320517 90 5 | FIRST HORIZON NATL CORP | CALL | |
| 320517 95 5 | FIRST HORIZON NATL CORP | PUT | |
| 32054K 10 3 * | FIRST INDUSTRIAL REALTY TRUS | COM | |
| 32054K 90 3 | FIRST INDUSTRIAL REALTY TRUS | CALL | |
| 32054K 95 3 | FIRST INDUSTRIAL REALTY TRUS | PUT | |
| 32055Y 20 1 * | FIRST INTST BANCSYSTEM INC | COM CL A | |
| 32055Y 90 1 | FIRST INTST BANCSYSTEM INC | CALL | |
| 32055Y 95 1 | FIRST INTST BANCSYSTEM INC | PUT | |
| 320557 10 1 | FIRST INTERNET BANCORP | COM | |
| 320734 10 6 * | FIRST LONG IS CORP | COM | |
| 320734 90 6 | FIRST LONG IS CORP | CALL | |
| 320734 95 6 | FIRST LONG IS CORP | PUT | |
| 32076V AB 9 | FIRST MAJESTIC SILVER CORP | NOTE 1.875% 3/0 | |
| 32076V 10 3 * | FIRST MAJESTIC SILVER CORP | COM | |
| 32076V 90 3 | FIRST MAJESTIC SILVER CORP | CALL | |
| 32076V 95 3 | FIRST MAJESTIC SILVER CORP | PUT | |

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| 320817 10 9 * | FIRST MERCHANTS CORP | COM | |
| 320817 90 9 | FIRST MERCHANTS CORP | CALL | |
| 320817 95 9 | FIRST MERCHANTS CORP | PUT | |
| 320866 10 6 | FIRST MID BANCSHARES INC | COM | |
| 320867 10 4 * | FIRST MIDWEST BANCORP DEL | COM | |
| 320867 90 4 | FIRST MIDWEST BANCORP DEL | CALL | |
| 320867 95 4 | FIRST MIDWEST BANCORP DEL | PUT | |
| 32106V 10 7 | FIRST NATL CORP | COM | ADDED |
| 335834 10 7 | FIRST NORTHWEST BANCORP | COM | |
| 33616C 10 0 * | FIRST REP BK SAN FRANCISCO C | COM | |
| 33616C 90 0 | FIRST REP BK SAN FRANCISCO C | CALL | |
| 33616C 95 0 | FIRST REP BK SAN FRANCISCO C | PUT | |
| 33621E 10 9 | FIRST SAVINGS FINL GROUP INC | COM | |
| 336433 10 7 * | FIRST SOLAR INC | COM | |
| 336433 90 7 | FIRST SOLAR INC | CALL | |
| 336433 95 7 | FIRST SOLAR INC | PUT | |
| 336901 10 3 * | 1ST SOURCE CORP | COM | |
| 336901 90 3 | 1ST SOURCE CORP | CALL | |
| 336901 95 3 | 1ST SOURCE CORP | PUT | |
| 336917 10 9 * | FIRST TR MORNINGSTAR DIV LEA | SHS | |
| 336917 90 9 | FIRST TR MORNINGSTAR DIV LEA | CALL | |
| 336917 95 9 | FIRST TR MORNINGSTAR DIV LEA | PUT | |
| 336920 10 3 * | FIRST TR EXCHANGE TRADED FD | US EQTY OPPT ETF | |
| 336920 90 3 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 336920 95 3 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33718M 10 5 * | FIRST TR DJS MICROCAP INDEX | COM SHS ANNUAL | |
| 33718M 90 5 | FIRST TR DJS MICROCAP INDEX | CALL | |
| 33718M 95 5 | FIRST TR DJS MICROCAP INDEX | PUT | |
| 33718W 10 3 | FIRST TR INTER DUR PFD & IN | COM | |
| 33731K 10 2 | FIRST TR/ABERDEEN EMERG OPT | COM | |
| 337318 10 9 | FIRST TR ENHANCED EQTY INC F | COM | |
| 337319 10 7 | FIRST TR ABERDEEN GLBL OPP F | COM SHS | |
| 33733A 10 2 * | FIRST TR EXCHANGE TRADED FD | CHINDIA ETF | |
| 33733A 90 2 | FIRST TR EXCHANGE TRADED FD | CALL | |

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| 33733A 95 2 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733A 20 1 | FIRST TR EXCHANGE TRADED FD | DOW 30 EQL WGT | |
| 33733B 10 0 * | FIRST TR EXCHANGE TRADED FD | WTR ETF | |
| 33733B 90 0 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33733B 95 0 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733C 10 8 | FIRST TR MULTI CP VAL ALPHA | COM SHS | |
| 33733E 10 4 * | FIRST TR EXCHANGE TRADED FD | CAP STRENGTH ETF | |
| 33733E 90 4 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33733E 95 4 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733E 20 3 * | FIRST TR EXCHANGE TRADED FD | NY ARCA BIOTECH | |
| 33733E 90 3 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33733E 95 3 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733E 30 2 * | FIRST TR EXCHANGE TRADED FD | DJ INTERNT IDX | |
| 33733E 90 2 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33733E 95 2 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733E 40 1 | FIRST TR EXCHANGE TRADED FD | NASDAQ 100 EX | |
| 33733E 50 0 | FIRST TR EXCHANGE TRADED FD | NAS CLNEDG GREEN | |
| 33733E 70 8 | FIRST TR EXCHANGE TRADED FD | ETF | |
| 33733E 80 7 * | FIRST TR EXCHANGE TRADED FD | NAT GAS ETF | |
| 33733E 90 7 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33733E 95 7 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33733E 87 2 | FIRST TR EXCHANGE TRADED FD | LUNT US FACTOR | |
| 33733E 88 0 | FIRST TR EXCHANGE TRADED FD | DORSEY WRIGHT PE | |
| 33733F 10 1 | FIRST TR MULTI CAP GR ALPHAD | COM SHS | |
| 33733G 10 9 | FIRST TRUST SPECIALTY FINANC | COM BEN INTR | |
| 33733H 10 7 | FIRST TR BICK INDEX FD | COM SHS | |
| 33733U 10 8 | FIRST TR SR FLG RTE INCM FD | COM | |
| 33734E 10 3 | FIRST TRUST MORTGAGE INCM FD | COM SHS | |
| 33734G 10 8 * | FIRST TR S&P REIT INDEX FD | COM | |
| 33734G 90 8 | FIRST TR S&P REIT INDEX FD | CALL | |
| 33734G 95 8 | FIRST TR S&P REIT INDEX FD | PUT | |
| 33734H 10 6 * | FIRST TR VALUE LINE DIVID IN | SHS | |
| 33734H 90 6 | FIRST TR VALUE LINE DIVID IN | CALL | |
| 33734H 95 6 | FIRST TR VALUE LINE DIVID IN | PUT | |

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| 33734K 10 9 * | FIRST TR LRGE CP CORE ALPHA | COM SHS | |
| 33734K 90 9 | FIRST TR LRGE CP CORE ALPHA | CALL | |
| 33734K 95 9 | FIRST TR LRGE CP CORE ALPHA | PUT | |
| 33734X 10 1 * | FIRST TR EXCHANGE TRADED FD | CONSUMR DISCRE | |
| 33734X 90 1 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 1 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 11 9 * | FIRST TR EXCHANGE TRADED FD | CONSUMR STAPLE | |
| 33734X 90 9 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 9 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 12 7 * | FIRST TR EXCHANGE TRADED FD | ENERGY ALPHADX | |
| 33734X 90 7 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 7 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 13 5 * | FIRST TR EXCHANGE TRADED FD | FINLS ALPHADEX | |
| 33734X 90 5 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 5 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 14 3 * | FIRST TR EXCHANGE TRADED FD | HLTH CARE ALPH | |
| 33734X 90 3 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 3 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 15 0 * | FIRST TR EXCHANGE TRADED FD | INDLS PROD DUR | |
| 33734X 90 0 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 0 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 16 8 * | FIRST TR EXCHANGE TRADED FD | MATERIALS ALPH | |
| 33734X 90 8 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 8 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 17 6 * | FIRST TR EXCHANGE TRADED FD | TECH ALPHADEX | |
| 33734X 90 6 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 6 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 18 4 * | FIRST TR EXCHANGE TRADED FD | UTILITIES ALPH | |
| 33734X 90 4 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 4 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 19 2 * | FIRST TR EXCHANGE TRADED FD | CLOUD COMPUTING | |
| 33734X 90 2 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 2 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 20 0 | FIRST TR EXCHANGE TRADED FD | DJ GLBL DIVID | |

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| 33734X 30 9 | FIRST TR EXCHANGE TRADED FD | AUTO INDEX FD | |
| 33734X 77 0 | FIRST TR EXCHANGE TRADED FD | DJ INTL INTRNT | |
| 33734X 78 8 | FIRST TR EXCHANGE TRADED FD | IPOX EUROPE EQ | |
| 33734X 81 2 * | FIRST TR EXCHANGE TRADED FD | INDXX GLOBAL AGR | |
| 33734X 90 2 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 2 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 83 8 * | FIRST TR EXCHANGE TRADED FD | INDXX NAT RE ETF | |
| 33734X 90 8 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 8 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 84 6 * | FIRST TR EXCHANGE TRADED FD | NASDAQ CYB ETF | |
| 33734X 90 6 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33734X 95 6 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33734X 85 3 | FIRST TR EXCHANGE TRADED FD | INTL EQUITY OPP | |
| 33734Y 10 9 | FIRST TR SML CP CORE ALPHA F | COM SHS | |
| 337344 10 5 * | FIRST TR NAS100 EQ WEIGHTED | SHS | |
| 337344 90 5 | FIRST TR NAS100 EQ WEIGHTED | CALL | |
| 337344 95 5 | FIRST TR NAS100 EQ WEIGHTED | PUT | |
| 337345 10 2 * | FIRST TR NASDAQ100 TECH INDE | SHS | |
| 337345 90 2 | FIRST TR NASDAQ100 TECH INDE | CALL | |
| 337345 95 2 | FIRST TR NASDAQ100 TECH INDE | PUT | |
| 33735B 10 8 | FIRST TR MID CAP CORE ALPHAD | COM SHS | |
| 33735G 10 7 | FIRST TR VALUE LINE 100 ETF | COM SHS | |
| 33735J 10 1 | FIRST TR LRG CP VL ALPHAD | COM SHS | |
| 33735K 10 8 * | FIRST TR LRG CP GRWTH ALPHAD | COM SHS | |
| 33735K 90 8 | FIRST TR LRG CP GRWTH ALPHAD | CALL | |
| 33735K 95 8 | FIRST TR LRG CP GRWTH ALPHAD | PUT | |
| 33735T 10 9 * | FIRST TR STOXX EURO DIV FD | COMMON SHS | |
| 33735T 90 9 | FIRST TR STOXX EURO DIV FD | CALL | |
| 33735T 95 9 | FIRST TR STOXX EURO DIV FD | PUT | |
| 33736G 10 6 * | FIRST TR EXCHANGE TRADED FD | GBL WND ENRG ETF | |
| 33736G 90 6 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33736G 95 6 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33736M 10 3 | FIRST TR EXCHANGE TRADED FD | GLOBAL ENGR ETF | |
| 33736N 10 1 | FIRST TR FTSE EPRA/NAREIT DE | COM | |

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| 33736Q 10 4 * | FIRST TR NASDAQ ABA CMNTY BK | UT COM SHS ETF | |
| 33736Q 90 4 | FIRST TR NASDAQ ABA CMNTY BK | CALL | |
| 33736Q 95 4 | FIRST TR NASDAQ ABA CMNTY BK | PUT | |
| 33737A 10 8 | FIRST TR EXCH TRADED FD II | NASDQ CLN EDGE | |
| 33737J 10 9 | FIRST TR EXCH TRD ALPHA FD I | ASIA EX JAPAN | |
| 33737J 11 7 * | FIRST TR EXCH TRD ALPHA FD I | EUROPE ALPHADEX | |
| 33737J 90 7 | FIRST TR EXCH TRD ALPHA FD I | CALL | |
| 33737J 95 7 | FIRST TR EXCH TRD ALPHA FD I | PUT | |
| 33737J 12 5 | FIRST TR EXCH TRD ALPHA FD I | LATIN AMER ALP | |
| 33737J 13 3 | FIRST TR EXCH TRD ALPHA FD I | BRAZIL ALPHADEX | |
| 33737J 14 1 * | FIRST TR EXCH TRD ALPHA FD I | CHINA ALPHADEX | |
| 33737J 90 1 | FIRST TR EXCH TRD ALPHA FD I | CALL | |
| 33737J 95 1 | FIRST TR EXCH TRD ALPHA FD I | PUT | |
| 33737J 15 8 | FIRST TR EXCH TRD ALPHA FD I | JAPAN ALPHADEX | |
| 33737J 16 6 | FIRST TR EXCH TRD ALPHA FD I | STH KOREA ALPH | |
| 33737J 17 4 | FIRST TR EXCH TRD ALPHA FD I | DEV MRK EX US | |
| 33737J 18 2 * | FIRST TR EXCH TRD ALPHA FD I | EMERG MKT ALPH | |
| 33737J 90 2 | FIRST TR EXCH TRD ALPHA FD I | CALL | |
| 33737J 95 2 | FIRST TR EXCH TRD ALPHA FD I | PUT | |
| 33737J 19 0 | FIRST TR EXCH TRD ALPHA FD I | GERMANY ALPHA | |
| 33737J 20 8 | FIRST TR EXCH TRD ALPHA FD I | CANADA ALPHA | |
| 33737J 21 6 | FIRST TR EXCH TRD ALPHA FD I | AUSTRALIA ALPH | |
| 33737J 22 4 | FIRST TR EXCH TRD ALPHA FD I | UNIT KING ALPH | |
| 33737J 23 2 | FIRST TR EXCH TRD ALPHA FD I | SWITZLND ALPHA | |
| 33737J 24 0 | FIRST TR EXCH TRD ALPHA FD I | HONG KONG ALPH | |
| 33737J 30 7 | FIRST TR EXCH TRD ALPHA FD I | EM SML CP ALPH | |
| 33737J 40 6 | FIRST TR EXCH TRD ALPHA FD I | EX US SML CP | |
| 33737J 50 5 | FIRST TR EXCH TRD ALPHA FD I | EURO ALPHADEX | |
| 33737J 80 2 | FIRST TR EXCH TRD ALPHA FD I | INDIA NFTY50 EQW | |
| 33737K 10 6 | FIRST TR EXCHANGE TRADED FD | NASDAQ SMRTPHONE | DELETED |
| 33737K 20 5 | FIRST TR EXCHANGE TRADED FD | INDXX NEXTG ETF | ADDED |
| 33737M 10 2 | FIRST TR EXCNGE TRD ALPHADEX | MID CP GR ALPH | |
| 33737M 20 1 | FIRST TR EXCNGE TRD ALPHADEX | MID CAP VAL FD | |
| 33737M 30 0 | FIRST TR EXCNGE TRD ALPHADEX | SML CP GRW ALP | |

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| 33737M 40 9 | FIRST TR EXCNGE TRD ALPHAD | SML CAP VAL AL | |
| 33737M 50 8 | FIRST TR EXCNGE TRD ALPHAD | MEGA CAP ALPHA | |
| 33738C 10 3 | FIRST TR ENERGY INFRASTRCTR | COM | |
| 33738D 10 1 * | FIRST TR EXCHANGE TRADED FD | NO AMER ENERGY | |
| 33738D 90 1 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33738D 95 1 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33738D 30 9 | FIRST TR EXCHANGE TRADED FD | SENIOR LN FD | |
| 33738D 40 8 | FIRST TR EXCHANGE TRADED FD | FIRST TR TA HIYL | |
| 33738D 60 6 | FIRST TR EXCHANGE TRADED FD | LNG DUR OPRTUN | |
| 33738E 10 9 | FIRST TR HIGH INCOME L/S FD | COM | |
| 33738G 10 4 | FIRST TR ENERGY INCOME & GRW | COM | |
| 33738R 10 0 * | FIRST TR EXCHANGE TRADED FD | MULTI ASSET DI | |
| 33738R 90 0 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33738R 95 0 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33738R 11 8 * | FIRST TR EXCHANGE TRADED FD | NASD TECH DIV | |
| 33738R 90 8 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33738R 95 8 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33738R 30 8 | FIRST TR EXCHANGE TRADED FD | BUYWRIT INCM ETF | |
| 33738R 40 7 | FIRST TR EXCHANGE TRADED FD | HEDGED BUYWRITE | |
| 33738R 50 6 | FIRST TR EXCHANGE TRADED FD | RISNG DIVD ACHIV | |
| 33738R 60 5 * | FIRST TR EXCHANGE TRADED FD | DORSEY WRT 5 ETF | |
| 33738R 90 5 | FIRST TR EXCHANGE TRADED FD | CALL | |
| 33738R 95 5 | FIRST TR EXCHANGE TRADED FD | PUT | |
| 33738R 68 8 | FIRST TR EXCHANGE TRADED FD | S&P INTL DIVID | |
| 33738R 69 6 | FIRST TR EXCHANGE TRADED FD | DORSEYWRIGHT MOM | |
| 33738R 70 4 | FIRST TR EXCHANGE TRADED FD | RBA INDL ETF | |
| 33738R 71 2 | FIRST TR EXCHANGE TRADED FD | DORSEYWRGT ETF | |
| 33738R 72 0 | FIRST TR EXCHANGE TRADED FD | NASDQ ARTFCIAL | |
| 33738R 73 8 | FIRST TR EXCHANGE TRADED FD | US EQTY DIVI | |
| 33738R 74 6 | FIRST TR EXCHANGE TRADED FD | SMAL CP US EQT | |
| 33738R 75 3 | FIRST TR EXCHANGE TRADED FD | MID CAP US EQT | |
| 33738R 76 1 | FIRST TR EXCHANGE TRADED FD | LARGE CP US EQ | |
| 33738R 77 9 | FIRST TR EXCHANGE TRADED FD | EMERGING MKTS | |
| 33738R 78 7 | FIRST TR EXCHANGE TRADED FD | DEVELOPED INTL | |

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| 33738R 79 5 | FIRST TR EXCHANGE TRADED FD | NASDAQ TRANSN | |
| 33738R 81 1 | FIRST TR EXCHANGE TRADED FD | NASDQ SEMCNDTR | |
| 33738R 82 9 | FIRST TR EXCHANGE TRADED FD | NASDAQ RETAIL | |
| 33738R 83 7 | FIRST TR EXCHANGE TRADED FD | NASDQ PHRMTCLS | |
| 33738R 84 5 | FIRST TR EXCHANGE TRADED FD | NASDQ OIL GAS | |
| 33738R 85 2 | FIRST TR EXCHANGE TRADED FD | NASDQ FOD BVRG | |
| 33738R 86 0 | FIRST TR EXCHANGE TRADED FD | NASDAQ BK ETF | |
| 33738R 87 8 | FIRST TR EXCHANGE TRADED FD | DORSEY WRIGHT | |
| 33738R 88 6 | FIRST TR EXCHANGE TRADED FD | DORSEY WRIGHT | |
| 33739B 10 4 | FIRST TR MLP & ENERGY INCOME | COM | |
| 33739E 10 8 * | FIRST TR EXCHANGE-TRADED FD | PFD SECS INC ETF | |
| 33739E 90 8 | FIRST TR EXCHANGE-TRADED FD | CALL | |
| 33739E 95 8 | FIRST TR EXCHANGE-TRADED FD | PUT | |
| 33739G 10 3 | FIRST TR EXCHANGE TRADED FD | MRNGSTR FUTURS | |
| 33739H 10 1 * | FIRST TR EXCHAN TRADED FD VI | FST TR GLB FD | |
| 33739H 90 1 | FIRST TR EXCHAN TRADED FD VI | CALL | |
| 33739H 95 1 | FIRST TR EXCHAN TRADED FD VI | PUT | |
| 33739M 10 0 | FST TR NEW OPPORT MLP & ENE | COM | |
| 33739N 10 8 | FIRST TR EXCHANG TRADED FD I | MANAGD MUN ETF | |
| 33739P 10 3 | FIRST TR EXCH TRADED FD III | LNG/SHT EQUITY | |
| 33739P 20 2 | FIRST TR EXCH TRADED FD III | EME MRK BD ETF | |
| 33739P 30 1 | FIRST TR EXCH TRADED FD III | MUNI HI INCM ETF | |
| 33739P 50 9 | FIRST TR EXCH TRADED FD III | RIVRFRNT DY ASIA | |
| 33739P 60 8 | FIRST TR EXCH TRADED FD III | RIVRFRNT DYN DEV | |
| 33739P 70 7 | FIRST TR EXCH TRADED FD III | RIVR FRNT DYN | |
| 33739P 80 6 | FIRST TR EXCH TRADED FD III | RIVRFRNT DYN EUR | |
| 33739P 83 0 | FIRST TR EXCH TRADED FD III | SHRT DUR MNG MUN | |
| 33739P 85 5 | FIRST TR EXCH TRADED FD III | INSTL PFD SECS | |
| 33739P 86 3 | FIRST TR EXCH TRADED FD III | CALIF MUN INCM | |
| 33739P 87 1 | FIRST TR EXCH TRADED FD III | HORIZON MNGD ETF | |
| 33739P 88 9 | FIRST TR EXCH TRADED FD III | HORIZON DMST ETF | |
| 33739Q 20 0 | FIRST TR EXCHANGE TRADED FD | FST LOW OPPT EFT | |
| 33739Q 30 9 | FIRST TR EXCHANGE TRADED FD | FT STRG INCM ETF | |
| 33739Q 40 8 | FIRST TR EXCHANGE TRADED FD | FIRST TR ENH NEW | |

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| 33739Q 50 7 | FIRST TR EXCHANGE TRADED FD | SSI STRG ETF | |
| 33739Q 60 6 | FIRST TR EXCHANGE TRADED FD | HEITMAN GLOBAL | |
| 33740D 10 7 | FIRST TR DYNAMIC EUROPE EQT | COM SHS | |
| 33740F 40 9 | FIRST TR EXCHNG TRADED FD VI | CEF INCM OPPTY | |
| 33740F 50 8 | FIRST TR EXCHNG TRADED FD VI | MUN CEF IN OPT | |
| 33740F 60 7 | FIRST TR EXCHNG TRADED FD VI | EQUITYCOMPASS | |
| 33740F 70 6 | FIRST TR EXCHNG TRADED FD VI | EQTCOMPAS TACT | |
| 33740F 80 5 | FIRST TR EXCHNG TRADED FD VI | TCW OPPORTUNIS | |
| 33740F 87 0 | FIRST TR EXCHNG TRADED FD VI | LOW DUR STRTGC | |
| 33740F 88 8 | FIRST TR EXCHNG TRADED FD VI | TCW UNCONSTRAI | |
| 33740J 10 4 | FIRST TRUST ETF III | ULTRA SHT DUR MU | |
| 33740K 10 1 | FIRST TR SR FLOATING RATE 20 | COM SHS | |
| 33740Y 10 1 | FIRST TR EXCHNG TRADED FD VI | ALT ABSLT STRG | |
| 33741H 10 7 | FIRST UTD CORP | COM | |
| 33741L 10 8 | FIRST TR EXCHANGE-TRADED FD | DORSY WR MOMNT | |
| 33741L 20 7 | FIRST TR EXCHANGE-TRADED FD | DORSY WRGH VLU | |
| 33741X 10 2 | FIRST TR EXCHANGE TRADED FD | SMID RISNG ETF | |
| 33741X 20 1 | FIRST TR EXCHANGE TRADED FD | INDXX INOVTV ETF | |
| 33744V 10 3 | FIRST US BANCSHARES INC | COM | |
| 33751L 10 5 | FIRST WESTN FINL INC | COM | |
| 33766Y 10 0 * | FIRSTHAND TECH VALUE FD INC | COM | |
| 33766Y 90 0 | FIRSTHAND TECH VALUE FD INC | CALL | |
| 33766Y 95 0 | FIRSTHAND TECH VALUE FD INC | PUT | |
| 33767D 10 5 * | FIRSTCASH INC | COM | |
| 33767D 90 5 | FIRSTCASH INC | CALL | |
| 33767D 95 5 | FIRSTCASH INC | PUT | |
| 33767E 10 3 * | FIRSTSERVICE CORP NEW | SUB VTG SH | DELETED |
| 33767E 90 3 | FIRSTSERVICE CORP NEW | CALL | DELETED |
| 33767E 95 3 | FIRSTSERVICE CORP NEW | PUT | DELETED |
| 33767E 20 2 | FIRSTSERVICE CORP NEW | COM | ADDED |
| 337738 10 8 * | FISERV INC | COM | |
| 337738 90 8 | FISERV INC | CALL | |
| 337738 95 8 | FISERV INC | PUT | |
| 337930 70 5 * | FLAGSTAR BANCORP INC | COM PAR .001 | |

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| 337930 90 5 | FLAGSTAR BANCORP INC | CALL | |
| 337930 95 5 | FLAGSTAR BANCORP INC | PUT | |
| 337932 10 7 * | FIRSTENERGY CORP | COM | |
| 337932 90 7 | FIRSTENERGY CORP | CALL | |
| 337932 95 7 | FIRSTENERGY CORP | PUT | |
| 33812L 10 2 * | FITBIT INC | CL A | |
| 33812L 90 2 | FITBIT INC | CALL | |
| 33812L 95 2 | FITBIT INC | PUT | |
| 33829M 10 1 * | FIVE BELOW INC | COM | |
| 33829M 90 1 | FIVE BELOW INC | CALL | |
| 33829M 95 1 | FIVE BELOW INC | PUT | |
| 33829R 10 0 * | 500 COM LTD | SPON ADR REP A | |
| 33829R 90 0 | 500 COM LTD | CALL | |
| 33829R 95 0 | 500 COM LTD | PUT | |
| 33830X 10 4 * | FIVE PRIME THERAPEUTICS INC | COM | |
| 33830X 90 4 | FIVE PRIME THERAPEUTICS INC | CALL | |
| 33830X 95 4 | FIVE PRIME THERAPEUTICS INC | PUT | |
| 338307 AB 7 | FIVE9 INC | NOTE 0.125% 5/0 | ADDED |
| 338307 10 1 * | FIVE9 INC | COM | |
| 338307 90 1 | FIVE9 INC | CALL | |
| 338307 95 1 | FIVE9 INC | PUT | |
| 33832D 10 6 * | FIVE STAR SENIOR LIVING INC | COM | |
| 33832D 90 6 | FIVE STAR SENIOR LIVING INC | CALL | |
| 33832D 95 6 | FIVE STAR SENIOR LIVING INC | PUT | |
| 33833Q 10 6 | FIVE POINT HOLDINGS LLC | COM CL A | |
| 338478 10 0 | FLAHERTY&CRMN PFD SEC INCOM | COM | |
| 338479 10 8 | FLAHERTY & CRUMRINE TOTAL RE | COM | |
| 33848E 10 6 | FLAHERTY & CRUMRINE PFD INC | COM | |
| 33848W 10 6 | FLAHERTY & CRUMRINE DYN PFD | SHS | |
| 338480 10 6 | FLAHERTY & CRUMRINE PFD INC | COM | |
| 338517 10 5 | FLANIGANS ENTERPRISES INC | COM | |
| 339041 10 5 * | FLEETCOR TECHNOLOGIES INC | COM | |
| 339041 90 5 | FLEETCOR TECHNOLOGIES INC | CALL | |
| 339041 95 5 | FLEETCOR TECHNOLOGIES INC | PUT | |

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| 33938A 10 5 * | FLEX PHARMA INC | COM | |
| 33938A 90 5 | FLEX PHARMA INC | CALL | |
| 33938A 95 5 | FLEX PHARMA INC | PUT | |
| 33938J AB 2 | FLEXION THERAPEUTICS INC | NOTE 3.375% 5/0 | |
| 33938J 10 6 * | FLEXION THERAPEUTICS INC | COM | |
| 33938J 90 6 | FLEXION THERAPEUTICS INC | CALL | |
| 33938J 95 6 | FLEXION THERAPEUTICS INC | PUT | |
| 33938T 10 4 | FLEXIBLE SOLUTIONS INTL INC | COM | |
| 339382 10 3 | FLEXSTEEL INDS INC | COM | |
| 33939J 11 3 | FLEXSHOPPER INC | *W EXP 09/28/202 | |
| 33939J 30 3 | FLEXSHOPPER INC | COM NEW | |
| 33939L 10 0 | FLEXSHARES TR | MORNSTAR USMKT | |
| 33939L 30 8 | FLEXSHARES TR | MSTAR EMKT FAC | |
| 33939L 40 7 * | FLEXSHARES TR | MORNSTAR UPSTR | |
| 33939L 90 7 | FLEXSHARES TR | CALL | |
| 33939L 95 7 | FLEXSHARES TR | PUT | |
| 33939L 50 6 * | FLEXSHARES TR | IBOXX 3R TARGT | |
| 33939L 90 6 | FLEXSHARES TR | CALL | |
| 33939L 95 6 | FLEXSHARES TR | PUT | |
| 33939L 60 5 | FLEXSHARES TR | IBOXX 5YR TRGT | |
| 33939L 66 2 | FLEXSHARES TR | HIG YLD VL ETF | |
| 33939L 67 0 | FLEXSHARES TR | CRE SLCT BD FD | |
| 33939L 68 8 | FLEXSHARES TR | STOX GLB INDEX | |
| 33939L 69 6 | FLEXSHARES TR | STOX ESG INDEX | |
| 33939L 71 2 | FLEXSHARES TR | CUR HDG EM IDX | |
| 33939L 72 0 | FLEXSHARES TR | CUR HDG DM IDX | |
| 33939L 73 8 | FLEXSHARES TR | REAL ASST IDX | |
| 33939L 74 6 | FLEXSHARES TR | US QUALITY CAP | |
| 33939L 75 3 | FLEXSHARES TR | CR SCORED LONG | |
| 33939L 76 1 | FLEXSHARES TR | CR SCD US BD | |
| 33939L 77 9 | FLEXSHARES TR | DISCP DUR MBS | |
| 33939L 78 7 | FLEXSHARES TR | GLB QLT R/E IDX | |
| 33939L 79 5 | FLEXSHARES TR | STOXX GLOBR INF | |
| 33939L 80 3 | FLEXSHARES TR | M STAR DEV MKT | |

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| 33939L 81 1 | FLEXSHARES TR | INTL QLTDV DEF | |
| 33939L 82 9 | FLEXSHARES TR | INT QLTDVDYNAM | |
| 33939L 83 7 * | FLEXSHARES TR | INTL QLTDV IDX | |
| 33939L 90 7 | FLEXSHARES TR | CALL | |
| 33939L 95 7 | FLEXSHARES TR | PUT | |
| 33939L 84 5 | FLEXSHARES TR | QLT DIV DEF IDX | |
| 33939L 85 2 | FLEXSHARES TR | QLT DIVDYN IDX | |
| 33939L 86 0 | FLEXSHARES TR | QUALT DIVD IDX | |
| 33939L 88 6 | FLEXSHARES TR | READY ACC VARI | |
| 339750 10 1 * | FLOOR & DECOR HLDGS INC | CL A | |
| 339750 90 1 | FLOOR & DECOR HLDGS INC | CALL | |
| 339750 95 1 | FLOOR & DECOR HLDGS INC | PUT | |
| 343389 10 2 * | FLOTEK INDS INC DEL | COM | |
| 343389 90 2 | FLOTEK INDS INC DEL | CALL | |
| 343389 95 2 | FLOTEK INDS INC DEL | PUT | |
| 343412 10 2 * | FLUOR CORP NEW | COM | |
| 343412 90 2 | FLUOR CORP NEW | CALL | |
| 343412 95 2 | FLUOR CORP NEW | PUT | |
| 343498 10 1 * | FLOWERS FOODS INC | COM | |
| 343498 90 1 | FLOWERS FOODS INC | CALL | |
| 343498 95 1 | FLOWERS FOODS INC | PUT | |
| 34354P 10 5 * | FLOWSERVE CORP | COM | |
| 34354P 90 5 | FLOWSERVE CORP | CALL | |
| 34354P 95 5 | FLOWSERVE CORP | PUT | |
| 34380C 10 2 * | FLUENT INC | COM | |
| 34380C 90 2 | FLUENT INC | CALL | |
| 34380C 95 2 | FLUENT INC | PUT | |
| 34385P AA 6 | FLUIDIGM CORP DEL | NOTE 2.750% 2/0 | |
| 34385P AC 2 | FLUIDIGM CORP DEL | NOTE 2.750% 2/0 | |
| 34385P 10 8 * | FLUIDIGM CORP DEL | COM | |
| 34385P 90 8 | FLUIDIGM CORP DEL | CALL | |
| 34385P 95 8 | FLUIDIGM CORP DEL | PUT | |
| 343873 10 5 * | FLUSHING FINL CORP | COM | |
| 343873 90 5 | FLUSHING FINL CORP | CALL | |

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| 343873 95 5 | FLUSHING FINL CORP | PUT | |
| 34407D 10 9 * | FLY LEASING LTD | SPONSORED ADR | |
| 34407D 90 9 | FLY LEASING LTD | CALL | |
| 34407D 95 9 | FLY LEASING LTD | PUT | |
| 34417P 10 0 * | FOCUS FINL PARTNERS INC | COM CL A | |
| 34417P 90 0 | FOCUS FINL PARTNERS INC | CALL | |
| 34417P 95 0 | FOCUS FINL PARTNERS INC | PUT | |
| 344419 10 6 * | FOMENTO ECONOMICO MEXICANO S | SPON ADR UNITS | |
| 344419 90 6 | FOMENTO ECONOMICO MEXICANO S | CALL | |
| 344419 95 6 | FOMENTO ECONOMICO MEXICANO S | PUT | |
| 344437 40 5 | FONAR CORP | COM NEW | |
| 344849 10 4 * | FOOT LOCKER INC | COM | |
| 344849 90 4 | FOOT LOCKER INC | CALL | |
| 344849 95 4 | FOOT LOCKER INC | PUT | |
| 345370 86 0 * | FORD MTR CO DEL | COM | |
| 345370 90 0 | FORD MTR CO DEL | CALL | |
| 345370 95 0 | FORD MTR CO DEL | PUT | |
| 34552U 10 4 * | FORESIGHT ENERGY LP | COM UNT RP INT | |
| 34552U 90 4 | FORESIGHT ENERGY LP | CALL | |
| 34552U 95 4 | FORESIGHT ENERGY LP | PUT | |
| 345523 10 4 | FORESIGHT AUTONOMOUS HLDGS L | SPONSORED ADS | |
| 34553D 10 1 * | FORESCOUT TECHNOLOGIES INC | COM | |
| 34553D 90 1 | FORESCOUT TECHNOLOGIES INC | CALL | |
| 34553D 95 1 | FORESCOUT TECHNOLOGIES INC | PUT | |
| 346232 AB 7 | FORESTAR GROUP INC | NOTE 3.750% 3/0 | |
| 346232 10 1 * | FORESTAR GROUP INC | COM | |
| 346232 90 1 | FORESTAR GROUP INC | CALL | |
| 346232 95 1 | FORESTAR GROUP INC | PUT | |
| 346375 10 8 * | FORMFACTOR INC | COM | |
| 346375 90 8 | FORMFACTOR INC | CALL | |
| 346375 95 8 | FORMFACTOR INC | PUT | |
| 346414 10 5 | FORMULA SYS 1985 LTD | SPONSORED ADS | |
| 346563 10 9 * | FORRESTER RESH INC | COM | |
| 346563 90 9 | FORRESTER RESH INC | CALL | |

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| 346563 95 9 | FORRESTER RESH INC | PUT | |
| 349553 10 7 * | FORTIS INC | COM | |
| 349553 90 7 | FORTIS INC | CALL | |
| 349553 95 7 | FORTIS INC | PUT | |
| 34959E 10 9 * | FORTINET INC | COM | |
| 34959E 90 9 | FORTINET INC | CALL | |
| 34959E 95 9 | FORTINET INC | PUT | |
| 34959J 10 8 * | FORTIVE CORP | COM | |
| 34959J 90 8 | FORTIVE CORP | CALL | |
| 34959J 95 8 | FORTIVE CORP | PUT | |
| 34959J 20 7 | FORTIVE CORP | 5% PFD CNV SER A | |
| 34960P 10 1 * | FORTRESS TRANS INFRST INVS L | COM REP LTD LIAB | |
| 34960P 90 1 | FORTRESS TRANS INFRST INVS L | CALL | |
| 34960P 95 1 | FORTRESS TRANS INFRST INVS L | PUT | |
| 34960Q 10 9 * | FORTRESS BIOTECH INC | COM | |
| 34960Q 90 9 | FORTRESS BIOTECH INC | CALL | |
| 34960Q 95 9 | FORTRESS BIOTECH INC | PUT | |
| 34960W 10 6 * | FORTERRA INC | COM | |
| 34960W 90 6 | FORTERRA INC | CALL | |
| 34960W 95 6 | FORTERRA INC | PUT | |
| 34964C 10 6 * | FORTUNE BRANDS HOME & SEC IN | COM | |
| 34964C 90 6 | FORTUNE BRANDS HOME & SEC IN | CALL | |
| 34964C 95 6 | FORTUNE BRANDS HOME & SEC IN | PUT | |
| 34983P 10 4 * | FORTY SEVEN INC | COM | |
| 34983P 90 4 | FORTY SEVEN INC | CALL | |
| 34983P 95 4 | FORTY SEVEN INC | PUT | |
| 34984V 10 0 * | FORUM ENERGY TECHNOLOGIES IN | COM | |
| 34984V 90 0 | FORUM ENERGY TECHNOLOGIES IN | CALL | |
| 34984V 95 0 | FORUM ENERGY TECHNOLOGIES IN | PUT | |
| 349853 10 1 * | FORWARD AIR CORP | COM | |
| 349853 90 1 | FORWARD AIR CORP | CALL | |
| 349853 95 1 | FORWARD AIR CORP | PUT | |
| 34986F 10 3 | FORUM MERGER II CORP | CL A | |
| 34986F 11 1 | FORUM MERGER II CORP | *W EXP 09/30/202 | |

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|---------------|----------------------------|--------------------|--------|
| 34986F 20 2 | FORUM MERGER II CORP | UNIT 09/30/2025 | |
| 34986J 10 5 | FORWARD PHARMA A/S | SPONSORED ADR | |
| 349862 30 0 | FORWARD INDS INC N Y | COM NEW | |
| 34988V 10 6 * | FOSSIL GROUP INC | COM | |
| 34988V 90 6 | FOSSIL GROUP INC | CALL | |
| 34988V 95 6 | FOSSIL GROUP INC | PUT | |
| 349915 10 8 * | FORTUNA SILVER MINES INC | COM | |
| 349915 90 8 | FORTUNA SILVER MINES INC | CALL | |
| 349915 95 8 | FORTUNA SILVER MINES INC | PUT | |
| 350060 10 9 * | FOSTER L B CO | COM | |
| 350060 90 9 | FOSTER L B CO | CALL | |
| 350060 95 9 | FOSTER L B CO | PUT | |
| 350392 10 6 * | FOUNDATION BLDG MATLS INC | COM | |
| 350392 90 6 | FOUNDATION BLDG MATLS INC | CALL | |
| 350392 95 6 | FOUNDATION BLDG MATLS INC | PUT | |
| 35086T 10 9 * | FOUR CORNERS PPTY TR INC | COM | |
| 35086T 90 9 | FOUR CORNERS PPTY TR INC | CALL | |
| 35086T 95 9 | FOUR CORNERS PPTY TR INC | PUT | |
| 35101A 10 1 | FOUR SEASONS ED CAYMAN INC | ADR | |
| 35137L 10 5 * | FOX CORP | CL A COM | |
| 35137L 90 5 | FOX CORP | CALL | |
| 35137L 95 5 | FOX CORP | PUT | |
| 35137L 20 4 * | FOX CORP | CL B COM | |
| 35137L 90 4 | FOX CORP | CALL | |
| 35137L 95 4 | FOX CORP | PUT | |
| 35138V 10 2 * | FOX FACTORY HLDG CORP | COM | |
| 35138V 90 2 | FOX FACTORY HLDG CORP | CALL | |
| 35138V 95 2 | FOX FACTORY HLDG CORP | PUT | |
| 351680 10 3 | FQF TR | AGFIQ US MK MNTM | |
| 351680 20 2 | FQF TR | AGFIQ US MKT VLU | |
| 351680 40 0 | FQF TR | AGFIQ US MK SIZE | |
| 351680 70 7 | FQF TR | AGFIQ US MK ANTI | |
| 351680 74 9 | FQF TR | AGFIQ DYNAMIC | ADDED |
| 351680 75 6 | FQF TR | AGFIQ GBL INFR | ADDED |

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| 351680 80 6 | FQF TR | AGFIQ HEDGED DIV | |
| 351793 10 4 * | FRANCESCAS HLDGS CORP | COM | |
| 351793 90 4 | FRANCESCAS HLDGS CORP | CALL | |
| 351793 95 4 | FRANCESCAS HLDGS CORP | PUT | |
| 351858 10 5 * | FRANCO NEVADA CORP | COM | |
| 351858 90 5 | FRANCO NEVADA CORP | CALL | |
| 351858 95 5 | FRANCO NEVADA CORP | PUT | |
| 353469 10 9 * | FRANKLIN COVEY CO | COM | |
| 353469 90 9 | FRANKLIN COVEY CO | CALL | |
| 353469 95 9 | FRANKLIN COVEY CO | PUT | |
| 353506 10 8 | FRANKLIN ETF TR | LIBERTY SHRT ETF | |
| 353514 10 2 * | FRANKLIN ELEC INC | COM | |
| 353514 90 2 | FRANKLIN ELEC INC | CALL | |
| 353514 95 2 | FRANKLIN ELEC INC | PUT | |
| 35352P 10 4 * | FRANKLIN FINL NETWORK INC | COM | |
| 35352P 90 4 | FRANKLIN FINL NETWORK INC | CALL | |
| 35352P 95 4 | FRANKLIN FINL NETWORK INC | PUT | |
| 353525 10 8 | FRANKLIN FINL SVCS CORP | COM | ADDED |
| 354613 10 1 * | FRANKLIN RES INC | COM | |
| 354613 90 1 | FRANKLIN RES INC | CALL | |
| 354613 95 1 | FRANKLIN RES INC | PUT | |
| 35471R 10 6 * | FRANKLIN STREET PPTYS CORP | COM | |
| 35471R 90 6 | FRANKLIN STREET PPTYS CORP | CALL | |
| 35471R 95 6 | FRANKLIN STREET PPTYS CORP | PUT | |
| 35472T 10 1 | FRANKLIN LTD DURATION INC TR | COM | |
| 35473P 10 8 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ INTL | |
| 35473P 20 7 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ EMERG | |
| 35473P 30 6 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ GBL | |
| 35473P 40 5 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ EQUITY | |
| 35473P 50 4 | FRANKLIN TEMPLETON ETF TR | LIBERTY US ETF | |
| 35473P 56 1 | FRANKLIN TEMPLETON ETF TR | FTSE LATN AMRC | |
| 35473P 57 9 | FRANKLIN TEMPLETON ETF TR | FTSE SOUTH AFR | |
| 35473P 58 7 | FRANKLIN TEMPLETON ETF TR | FTSE SAUDI ARB | |
| 35473P 59 5 | FRANKLIN TEMPLETON ETF TR | LIBERTY SR LN | |

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| 35473P 60 3 | FRANKLIN TEMPLETON ETF TR | LIBERTY INVT | |
| 35473P 61 1 | FRANKLIN TEMPLETON ETF TR | LIBERTY INTL | |
| 35473P 62 9 | FRANKLIN TEMPLETON ETF TR | LIBERTY HI YLD | |
| 35473P 63 7 | FRANKLIN TEMPLETON ETF TR | FTSE JAPAN HDG | |
| 35473P 64 5 | FRANKLIN TEMPLETON ETF TR | FTSE EUROPE HG | |
| 35473P 65 2 | FRANKLIN TEMPLETON ETF TR | FTSE EUROPE | |
| 35473P 66 0 | FRANKLIN TEMPLETON ETF TR | FRANKLIN ASIA | |
| 35473P 67 8 | FRANKLIN TEMPLETON ETF TR | FTSE UNTD KGDM | |
| 35473P 68 6 | FRANKLIN TEMPLETON ETF TR | FTSE TAIWAN | |
| 35473P 69 4 | FRANKLIN TEMPLETON ETF TR | FRANKLN SWZLND | |
| 35473P 70 2 | FRANKLIN TEMPLETON ETF TR | LIBRT INT OPPT | |
| 35473P 71 0 | FRANKLIN TEMPLETON ETF TR | FTSE SOUTH KOREA | |
| 35473P 72 8 | FRANKLIN TEMPLETON ETF TR | FRANKLIN RUSIA | |
| 35473P 73 6 | FRANKLIN TEMPLETON ETF TR | FTSE MEXICO | |
| 35473P 74 4 | FRANKLIN TEMPLETON ETF TR | FTSE JAPAN ETF | |
| 35473P 75 1 | FRANKLIN TEMPLETON ETF TR | FTSE ITALY ETF | |
| 35473P 76 9 | FRANKLIN TEMPLETON ETF TR | FRANKLIN INDIA | |
| 35473P 77 7 | FRANKLIN TEMPLETON ETF TR | FTSE HONG KONG | |
| 35473P 78 5 | FRANKLIN TEMPLETON ETF TR | FTSE GERMANY | |
| 35473P 79 3 | FRANKLIN TEMPLETON ETF TR | FTSE FRANCE | |
| 35473P 80 1 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ US EQT | |
| 35473P 81 9 | FRANKLIN TEMPLETON ETF TR | FTSE CHINA | |
| 35473P 82 7 | FRANKLIN TEMPLETON ETF TR | FTSE CANADA | |
| 35473P 83 5 | FRANKLIN TEMPLETON ETF TR | FTSE BRAZIL | |
| 35473P 84 3 | FRANKLIN TEMPLETON ETF TR | FTSE AUSTRALIA | |
| 35473P 85 0 | FRANKLIN TEMPLETON ETF TR | LIBERTY MN ETF | |
| 35473P 86 8 | FRANKLIN TEMPLETON ETF TR | LIBERTY INTER | |
| 35473P 87 6 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ US SML | |
| 35473P 88 4 | FRANKLIN TEMPLETON ETF TR | LIBERTYQ US MID | |
| 355145 10 3 | FRANKLIN UNVL TR | SH BEN INT | |
| 356108 10 0 * | FREDS INC | CL A | |
| 356108 90 0 | FREDS INC | CALL | |
| 356108 95 0 | FREDS INC | PUT | |
| 35671D 85 7 * | FREEPORT-MCMORAN INC | CL B | |

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| 35671D 90 7 | FREEPORT-MCMORAN INC | CALL | |
| 35671D 95 7 | FREEPORT-MCMORAN INC | PUT | |
| 357023 10 0 * | FREIGHTCAR AMER INC | COM | |
| 357023 90 0 | FREIGHTCAR AMER INC | CALL | |
| 357023 95 0 | FREIGHTCAR AMER INC | PUT | |
| 358010 10 6 | FREQUENCY ELECTRS INC | COM | |
| 358029 10 6 * | FRESENIUS MED CARE AG&CO KGA | SPONSORED ADR | |
| 358029 90 6 | FRESENIUS MED CARE AG&CO KGA | CALL | |
| 358029 95 6 | FRESENIUS MED CARE AG&CO KGA | PUT | |
| 358039 10 5 * | FRESHPET INC | COM | |
| 358039 90 5 | FRESHPET INC | CALL | |
| 358039 95 5 | FRESHPET INC | PUT | |
| 358435 10 5 | FRIEDMAN INDS INC | COM | |
| 35904G 10 7 * | FRONT YD RESIDENTIAL CORP | COM | |
| 35904G 90 7 | FRONT YD RESIDENTIAL CORP | CALL | |
| 35904G 95 7 | FRONT YD RESIDENTIAL CORP | PUT | |
| 35905A 10 9 * | FRONTDOOR INC | COM | |
| 35905A 90 9 | FRONTDOOR INC | CALL | |
| 35905A 95 9 | FRONTDOOR INC | PUT | |
| 35905J 10 0 | FRONTEO INC | SPONSORED ADR | |
| 35906A 30 6 * | FRONTIER COMMUNICATIONS CORP | COM NEW | |
| 35906A 90 6 | FRONTIER COMMUNICATIONS CORP | CALL | |
| 35906A 95 6 | FRONTIER COMMUNICATIONS CORP | PUT | |
| 35952H 50 2 * | FUELCELL ENERGY INC | COM NEW | DELETED |
| 35952H 90 2 | FUELCELL ENERGY INC | CALL | DELETED |
| 35952H 95 2 | FUELCELL ENERGY INC | PUT | DELETED |
| 35952H 60 1 * | FUELCELL ENERGY INC | COM | ADDED |
| 35952H 90 1 | FUELCELL ENERGY INC | CALL | ADDED |
| 35952H 95 1 | FUELCELL ENERGY INC | PUT | ADDED |
| 359523 10 7 * | FUEL TECH INC | COM | |
| 359523 90 7 | FUEL TECH INC | CALL | |
| 359523 95 7 | FUEL TECH INC | PUT | |
| 359664 10 9 | FULGENT GENETICS INC | COM | |
| 359678 10 9 | FULL HOUSE RESORTS INC | COM | |

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| 359694 10 6 * | FULLER H B CO | COM | |
| 359694 90 6 | FULLER H B CO | CALL | |
| 359694 95 6 | FULLER H B CO | PUT | |
| 360271 10 0 * | FULTON FINL CORP PA | COM | |
| 360271 90 0 | FULTON FINL CORP PA | CALL | |
| 360271 95 0 | FULTON FINL CORP PA | PUT | |
| 361008 10 5 * | FUNKO INC | COM CL A | |
| 361008 90 5 | FUNKO INC | CALL | |
| 361008 95 5 | FUNKO INC | PUT | |
| 36116M 10 6 * | FUTUREFUEL CORPORATION | COM | |
| 36116M 90 6 | FUTUREFUEL CORPORATION | CALL | |
| 36116M 95 6 | FUTUREFUEL CORPORATION | PUT | |
| 36116X 10 2 * | FUSION CONNECT INC | COM | DELETED |
| 36116X 90 2 | FUSION CONNECT INC | CALL | DELETED |
| 36116X 95 2 | FUSION CONNECT INC | PUT | DELETED |
| 36117V 10 5 | FUTURE FINTECH GROUP INC | COM | |
| 36118L 10 6 | FUTU HLDGS LTD | SPONSORED ADS | |
| 36120Q 10 1 | FVCBANKCORP INC | COM | |
| 361438 10 4 | GAMCO INVESTORS INC | CL A COM | |
| 361448 10 3 * | GATX CORP | COM | |
| 361448 90 3 | GATX CORP | CALL | |
| 361448 95 3 | GATX CORP | PUT | |
| 361570 10 4 | GDL FUND | COM SH BEN IT | |
| 36162J 10 6 * | GEO GROUP INC NEW | COM | |
| 36162J 90 6 | GEO GROUP INC NEW | CALL | |
| 36162J 95 6 | GEO GROUP INC NEW | PUT | |
| 36164V 30 5 * | GCI LIBERTY INC | COM CLASS A | |
| 36164V 90 5 | GCI LIBERTY INC | CALL | |
| 36164V 95 5 | GCI LIBERTY INC | PUT | |
| 36164Y 10 1 * | GCP APPLIED TECHNOLOGIES INC | COM | |
| 36164Y 90 1 | GCP APPLIED TECHNOLOGIES INC | CALL | |
| 36164Y 95 1 | GCP APPLIED TECHNOLOGIES INC | PUT | |
| 36165A 10 2 | GEE GROUP INC | COM | |
| 36165L AB 4 | GDS HLDGS LTD | NOTE 2.000% 6/0 | ADDED |

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|---------------|------------------------------|--------------------|--------|
| 36165L 10 8 * | GDS HLDGS LTD | SPONSORED ADS | |
| 36165L 90 8 | GDS HLDGS LTD | CALL | |
| 36165L 95 8 | GDS HLDGS LTD | PUT | |
| 36191G AB 3 | GNC HLDGS INC | NOTE 1.500% 8/1 | |
| 36191G 10 7 * | GNC HLDGS INC | COM CL A | |
| 36191G 90 7 | GNC HLDGS INC | CALL | |
| 36191G 95 7 | GNC HLDGS INC | PUT | |
| 36191J AC 5 | GSV CAP CORP | NOTE 4.750% 3/2 | |
| 36191J 10 1 * | GSV CAP CORP | COM | |
| 36191J 90 1 | GSV CAP CORP | CALL | |
| 36191J 95 1 | GSV CAP CORP | PUT | |
| 36192A 10 9 | GWG HLDGS INC | COM | |
| 36197T 10 3 * | GW PHARMACEUTICALS PLC | ADS | |
| 36197T 90 3 | GW PHARMACEUTICALS PLC | CALL | |
| 36197T 95 3 | GW PHARMACEUTICALS PLC | PUT | |
| 3621LQ 10 9 * | G1 THERAPEUTICS INC | COM | |
| 3621LQ 90 9 | G1 THERAPEUTICS INC | CALL | |
| 3621LQ 95 9 | G1 THERAPEUTICS INC | PUT | |
| 36225V 10 4 * | GP STRATEGIES CORP | COM | |
| 36225V 90 4 | GP STRATEGIES CORP | CALL | |
| 36225V 95 4 | GP STRATEGIES CORP | PUT | |
| 36227K 10 6 | GSE SYS INC | COM | |
| 362273 10 4 | GS FIN CORP | ETN CLAYMORE37 | |
| 362273 30 2 | GS FIN CORP | MEDIUM TERM NTS | |
| 36237H 10 1 * | G-III APPAREL GROUP LTD | COM | |
| 36237H 90 1 | G-III APPAREL GROUP LTD | CALL | |
| 36237H 95 1 | G-III APPAREL GROUP LTD | PUT | |
| 36239Q 10 9 | GABELLI MULTIMEDIA TR INC | COM | |
| 362393 10 0 * | GTT COMMUNICATIONS INC | COM | |
| 362393 90 0 | GTT COMMUNICATIONS INC | CALL | |
| 362393 95 0 | GTT COMMUNICATIONS INC | PUT | |
| 362397 10 1 | GABELLI EQUITY TR INC | COM | |
| 36240A 10 1 | GABELLI UTIL TR | COM | |
| 36240B 10 9 | GABELLI CONV&INCOM SECS FD I | COM | |

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| 362409 10 4 | GTY TECHNOLOGY HOLDINGS INC | COM | |
| 362409 11 2 | GTY TECHNOLOGY HOLDINGS INC | *W EXP 02/19/202 | DELETED |
| 36241U 10 6 * | GSI TECHNOLOGY | COM | |
| 36241U 90 6 | GSI TECHNOLOGY | CALL | |
| 36241U 95 6 | GSI TECHNOLOGY | PUT | |
| 36242H 10 4 | GABELLI DIVD & INCOME TR | COM | |
| 36242L 10 5 | GABELLI GLOBL UTIL & INCOME | COM SH BEN INT | |
| 36246K 10 3 | GABELLI HLTHCARE & WELLNESS | SHS | |
| 36249W 10 4 | GABELLI GLB SML & MD CP VAL | COM | |
| 36250J 10 9 | GABELLI GO ANYWHERE TR | COM | |
| 36251A 20 6 | GX ACQUISITION CORP | UNIT 05/24/2026 | ADDED |
| 36251C 10 3 * | GMS INC | COM | |
| 36251C 90 3 | GMS INC | CALL | |
| 36251C 95 3 | GMS INC | PUT | |
| 36255F 10 2 | GS ACQUISITION HLDGS CORP | COM CL A | |
| 36255F 11 0 | GS ACQUISITION HLDGS CORP | *W EXP 06/12/202 | |
| 36255F 20 1 | GS ACQUISITION HLDGS CORP | UNIT 06/12/2023 | |
| 36257Y 10 9 | GSX TECHEDU INC | SPONSORED ADS | ADDED |
| 36268W AF 7 | GAIN CAP HLDGS INC | NOTE 5.000% 8/1 | |
| 36268W 10 0 * | GAIN CAP HLDGS INC | COM | |
| 36268W 90 0 | GAIN CAP HLDGS INC | CALL | |
| 36268W 95 0 | GAIN CAP HLDGS INC | PUT | |
| 36269P 10 4 * | GAIA INC NEW | CL A | |
| 36269P 90 4 | GAIA INC NEW | CALL | |
| 36269P 95 4 | GAIA INC NEW | PUT | |
| 36315X 10 1 * | GALAPAGOS NV | SPON ADR | |
| 36315X 90 1 | GALAPAGOS NV | CALL | |
| 36315X 95 1 | GALAPAGOS NV | PUT | |
| 363225 20 2 * | GALECTIN THERAPEUTICS INC | COM NEW | |
| 363225 90 2 | GALECTIN THERAPEUTICS INC | CALL | |
| 363225 95 2 | GALECTIN THERAPEUTICS INC | PUT | |
| 363576 10 9 * | GALLAGHER ARTHUR J & CO | COM | |
| 363576 90 9 | GALLAGHER ARTHUR J & CO | CALL | |
| 363576 95 9 | GALLAGHER ARTHUR J & CO | PUT | |

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| 36465A 10 9 | GAMCO GLOBAL GOLD NAT RES & | COM SH BEN INT | |
| 36465E 10 1 | GAMCO NAT RES GOLD & INCOME | SH BEN INT | |
| 36467A 10 7 | GAMING PARTNERS INTL CORP | COM | DELETED |
| 36467J 10 8 * | GAMING & LEISURE PPTYS INC | COM | |
| 36467J 90 8 | GAMING & LEISURE PPTYS INC | CALL | |
| 36467J 95 8 | GAMING & LEISURE PPTYS INC | PUT | |
| 36467W 10 9 * | GAMESTOP CORP NEW | CL A | |
| 36467W 90 9 | GAMESTOP CORP NEW | CALL | |
| 36467W 95 9 | GAMESTOP CORP NEW | PUT | |
| 36473H AB 0 | GANNETT CO INC | NOTE 4.750% 4/1 | ADDED |
| 36473H 10 4 * | GANNETT CO INC | COM | |
| 36473H 90 4 | GANNETT CO INC | CALL | |
| 36473H 95 4 | GANNETT CO INC | PUT | |
| 364760 10 8 * | GAP INC | COM | |
| 364760 90 8 | GAP INC | CALL | |
| 364760 95 8 | GAP INC | PUT | |
| 36555P 10 7 * | GARDNER DENVER HLDGS INC | COM | |
| 36555P 90 7 | GARDNER DENVER HLDGS INC | CALL | |
| 36555P 95 7 | GARDNER DENVER HLDGS INC | PUT | |
| 366505 10 5 * | GARRETT MOTION INC | COM | |
| 366505 90 5 | GARRETT MOTION INC | CALL | |
| 366505 95 5 | GARRETT MOTION INC | PUT | |
| 366554 10 3 * | GARRISON CAP INC | COM | |
| 366554 90 3 | GARRISON CAP INC | CALL | |
| 366554 95 3 | GARRISON CAP INC | PUT | |
| 366651 10 7 * | GARTNER INC | COM | |
| 366651 90 7 | GARTNER INC | CALL | |
| 366651 95 7 | GARTNER INC | PUT | |
| 368678 10 8 | GENCOR INDS INC | COM | |
| 36870A 10 8 * | GEMPHIRE THERAPEUTICS INC | COM | |
| 36870A 90 8 | GEMPHIRE THERAPEUTICS INC | CALL | |
| 36870A 95 8 | GEMPHIRE THERAPEUTICS INC | PUT | |
| 368736 10 4 * | GENERAC HLDGS INC | COM | |
| 368736 90 4 | GENERAC HLDGS INC | CALL | |

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| 368736 95 4 | GENERAC HLDGS INC | PUT | |
| 368802 10 4 | GENERAL AMERN INVS INC | COM | |
| 369550 10 8 * | GENERAL DYNAMICS CORP | COM | |
| 369550 90 8 | GENERAL DYNAMICS CORP | CALL | |
| 369550 95 8 | GENERAL DYNAMICS CORP | PUT | |
| 369604 10 3 * | GENERAL ELECTRIC CO | COM | |
| 369604 90 3 | GENERAL ELECTRIC CO | CALL | |
| 369604 95 3 | GENERAL ELECTRIC CO | PUT | |
| 369822 10 1 * | GENERAL FIN CORP DEL | COM | |
| 369822 90 1 | GENERAL FIN CORP DEL | CALL | |
| 369822 95 1 | GENERAL FIN CORP DEL | PUT | |
| 370334 10 4 * | GENERAL MLS INC | COM | |
| 370334 90 4 | GENERAL MLS INC | CALL | |
| 370334 95 4 | GENERAL MLS INC | PUT | |
| 370373 10 2 * | GENERAL MOLY INC | COM | |
| 370373 90 2 | GENERAL MOLY INC | CALL | |
| 370373 95 2 | GENERAL MOLY INC | PUT | |
| 37045V 10 0 * | GENERAL MTRS CO | COM | |
| 37045V 90 0 | GENERAL MTRS CO | CALL | |
| 37045V 95 0 | GENERAL MTRS CO | PUT | |
| 37045V 12 6 | GENERAL MTRS CO | *W EXP 07/10/201 | |
| 371532 10 2 * | GENESCO INC | COM | |
| 371532 90 2 | GENESCO INC | CALL | |
| 371532 95 2 | GENESCO INC | PUT | |
| 371559 10 5 * | GENESEE & WYO INC | CL A | |
| 371559 90 5 | GENESEE & WYO INC | CALL | |
| 371559 95 5 | GENESEE & WYO INC | PUT | |
| 37185R 20 8 * | GENETIC TECHNOLOGIES LTD | SPONSORED ADR | |
| 37185R 90 8 | GENETIC TECHNOLOGIES LTD | CALL | |
| 37185R 95 8 | GENETIC TECHNOLOGIES LTD | PUT | |
| 37185X 10 6 * | GENESIS HEALTHCARE INC | CL A COM | |
| 37185X 90 6 | GENESIS HEALTHCARE INC | CALL | |
| 37185X 95 6 | GENESIS HEALTHCARE INC | PUT | |
| 371901 10 9 * | GENTEX CORP | COM | |

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| 371901 90 9 | GENTEX CORP | CALL | |
| 371901 95 9 | GENTEX CORP | PUT | |
| 371927 10 4 * | GENESIS ENERGY L P | UNIT LTD PARTN | |
| 371927 90 4 | GENESIS ENERGY L P | CALL | |
| 371927 95 4 | GENESIS ENERGY L P | PUT | |
| 372279 10 9 | GENFIT S A | ADS | |
| 372284 20 8 * | GENIE ENERGY LTD | CL B | |
| 372284 90 8 | GENIE ENERGY LTD | CALL | |
| 372284 95 8 | GENIE ENERGY LTD | PUT | |
| 37229T 30 1 | GENIUS BRANDS INTL INC | COM PAR | |
| 372309 10 4 * | GENMARK DIAGNOSTICS INC | COM | |
| 372309 90 4 | GENMARK DIAGNOSTICS INC | CALL | |
| 372309 95 4 | GENMARK DIAGNOSTICS INC | PUT | |
| 372427 10 4 * | GENOCEA BIOSCIENCES INC | COM | DELETED |
| 372427 90 4 | GENOCEA BIOSCIENCES INC | CALL | DELETED |
| 372427 95 4 | GENOCEA BIOSCIENCES INC | PUT | DELETED |
| 372427 40 1 * | GENOCEA BIOSCIENCES INC | COM NEW | ADDED |
| 372427 90 1 | GENOCEA BIOSCIENCES INC | CALL | ADDED |
| 372427 95 1 | GENOCEA BIOSCIENCES INC | PUT | ADDED |
| 37244C 10 1 * | GENOMIC HEALTH INC | COM | |
| 37244C 90 1 | GENOMIC HEALTH INC | CALL | |
| 37244C 95 1 | GENOMIC HEALTH INC | PUT | |
| 372446 10 4 | GENPREX INC | COM | |
| 372460 10 5 * | GENUINE PARTS CO | COM | |
| 372460 90 5 | GENUINE PARTS CO | CALL | |
| 372460 95 5 | GENUINE PARTS CO | PUT | |
| 37247D 10 6 * | GENWORTH FINL INC | COM CL A | |
| 37247D 90 6 | GENWORTH FINL INC | CALL | |
| 37247D 95 6 | GENWORTH FINL INC | PUT | |
| 37253A 10 3 * | GENTHERM INC | COM | |
| 37253A 90 3 | GENTHERM INC | CALL | |
| 37253A 95 3 | GENTHERM INC | PUT | |
| 37364X 10 9 * | GEOSPACE TECHNOLOGIES CORP | COM | |
| 37364X 90 9 | GEOSPACE TECHNOLOGIES CORP | CALL | |

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| 37364X 95 9 | GEOSPACE TECHNOLOGIES CORP | PUT | |
| 373737 10 5 * | GERDAU S A | SPON ADR REP PFD | |
| 373737 90 5 | GERDAU S A | CALL | |
| 373737 95 5 | GERDAU S A | PUT | |
| 373865 10 4 * | GERMAN AMERN BANCORP INC | COM | |
| 373865 90 4 | GERMAN AMERN BANCORP INC | CALL | |
| 373865 95 4 | GERMAN AMERN BANCORP INC | PUT | |
| 374163 10 3 * | GERON CORP | COM | |
| 374163 90 3 | GERON CORP | CALL | |
| 374163 95 3 | GERON CORP | PUT | |
| 374297 10 9 * | GETTY RLTY CORP NEW | COM | |
| 374297 90 9 | GETTY RLTY CORP NEW | CALL | |
| 374297 95 9 | GETTY RLTY CORP NEW | PUT | |
| 374396 40 6 * | GEVO INC | COM PAR | |
| 374396 90 6 | GEVO INC | CALL | |
| 374396 95 6 | GEVO INC | PUT | |
| 374689 10 7 * | GIBRALTAR INDS INC | COM | |
| 374689 90 7 | GIBRALTAR INDS INC | CALL | |
| 374689 95 7 | GIBRALTAR INDS INC | PUT | |
| 375036 20 9 | GIGCAPITAL2 INC | UNIT 02/28/2026 | ADDED |
| 37518N 10 6 | GIGCAPITAL INC | COM | |
| 37518N 11 4 | GIGCAPITAL INC | RIGHT 03/06/2020 | |
| 37518N 12 2 | GIGCAPITAL INC | *W EXP 06/08/202 | |
| 37518N 20 5 | GIGCAPITAL INC | UNIT 03/06/2025 | |
| 375558 10 3 * | GILEAD SCIENCES INC | COM | |
| 375558 90 3 | GILEAD SCIENCES INC | CALL | |
| 375558 95 3 | GILEAD SCIENCES INC | PUT | |
| 375916 10 3 * | GILDAN ACTIVEWEAR INC | COM | |
| 375916 90 3 | GILDAN ACTIVEWEAR INC | CALL | |
| 375916 95 3 | GILDAN ACTIVEWEAR INC | PUT | |
| 37637Q 10 5 * | GLACIER BANCORP INC NEW | COM | |
| 37637Q 90 5 | GLACIER BANCORP INC NEW | CALL | |
| 37637Q 95 5 | GLACIER BANCORP INC NEW | PUT | |
| 376535 10 0 * | GLADSTONE CAPITAL CORP | COM | |

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| 376535 90 0 | GLADSTONE CAPITAL CORP | CALL | |
| 376535 95 0 | GLADSTONE CAPITAL CORP | PUT | |
| 376536 10 8 * | GLADSTONE COML CORP | COM | |
| 376536 90 8 | GLADSTONE COML CORP | CALL | |
| 376536 95 8 | GLADSTONE COML CORP | PUT | |
| 376546 10 7 * | GLADSTONE INVT CORP | COM | |
| 376546 90 7 | GLADSTONE INVT CORP | CALL | |
| 376546 95 7 | GLADSTONE INVT CORP | PUT | |
| 376549 10 1 * | GLADSTONE LD CORP | COM | |
| 376549 90 1 | GLADSTONE LD CORP | CALL | |
| 376549 95 1 | GLADSTONE LD CORP | PUT | |
| 377316 10 4 * | GLATFELTER | COM | |
| 377316 90 4 | GLATFELTER | CALL | |
| 377316 95 4 | GLATFELTER | PUT | |
| 377322 10 2 * | GLAUKOS CORP | COM | |
| 377322 90 2 | GLAUKOS CORP | CALL | |
| 377322 95 2 | GLAUKOS CORP | PUT | |
| 37733W 10 5 * | GLAXOSMITHKLINE PLC | SPONSORED ADR | |
| 37733W 90 5 | GLAXOSMITHKLINE PLC | CALL | |
| 37733W 95 5 | GLAXOSMITHKLINE PLC | PUT | |
| 377407 10 1 | GLEN BURNIE BANCORP | COM | |
| 37890U 10 8 * | GLOBAL BLOOD THERAPEUTICS IN | COM | |
| 37890U 90 8 | GLOBAL BLOOD THERAPEUTICS IN | CALL | |
| 37890U 95 8 | GLOBAL BLOOD THERAPEUTICS IN | PUT | |
| 378973 AD 3 | GLOBALSTAR INC | NOTE 5.750% 4/0 | |
| 378973 40 8 * | GLOBALSTAR INC | COM | |
| 378973 90 8 | GLOBALSTAR INC | CALL | |
| 378973 95 8 | GLOBALSTAR INC | PUT | |
| 379378 20 1 * | GLOBAL NET LEASE INC | COM NEW | |
| 379378 90 1 | GLOBAL NET LEASE INC | CALL | |
| 379378 95 1 | GLOBAL NET LEASE INC | PUT | |
| 37940G 10 9 * | GLOBALSCAPE INC | COM | |
| 37940G 90 9 | GLOBALSCAPE INC | CALL | |
| 37940G 95 9 | GLOBALSCAPE INC | PUT | |

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| 37940X 10 2 * | GLOBAL PMTS INC | COM | |
| 37940X 90 2 | GLOBAL PMTS INC | CALL | |
| 37940X 95 2 | GLOBAL PMTS INC | PUT | |
| 37946R 10 9 * | GLOBAL PARTNERS LP | COM UNITS | |
| 37946R 90 9 | GLOBAL PARTNERS LP | CALL | |
| 37946R 95 9 | GLOBAL PARTNERS LP | PUT | |
| 379463 10 2 | GLOBAL WTR RES INC | COM | |
| 37950E 10 1 | GLOBAL X FDS | FTSE NORDIC REG | |
| 37950E 11 9 | GLOBAL X FDS | MSCI SUPR EM ETF | |
| 37950E 12 7 | GLOBAL X FDS | REIT ETF | |
| 37950E 13 5 | GLOBAL X FDS | GBL X JPM ROTA | |
| 37950E 14 3 | GLOBAL X FDS | GBL X JPM EFF | |
| 37950E 19 2 | GLOBAL X FDS | GBL X MSCI PT ET | |
| 37950E 20 0 * | GLOBAL X FDS | GLBX MSCI COLUM | |
| 37950E 90 0 | GLOBAL X FDS | CALL | |
| 37950E 95 0 | GLOBAL X FDS | PUT | |
| 37950E 21 8 | GLOBAL X FDS | MSCI NXT EMRNG | |
| 37950E 22 6 * | GLOBAL X FDS | GLB X MLP ENRG I | |
| 37950E 90 6 | GLOBAL X FDS | CALL | |
| 37950E 95 6 | GLOBAL X FDS | PUT | |
| 37950E 24 2 | GLOBAL X FDS | MSCI CHINA MATRL | |
| 37950E 25 9 * | GLOBAL X FDS | GB MSCI AR ETF | |
| 37950E 90 9 | GLOBAL X FDS | CALL | |
| 37950E 95 9 | GLOBAL X FDS | PUT | |
| 37950E 29 1 | GLOBAL X FDS | GLOBX SUPDV US | |
| 37950E 33 3 | GLOBAL X FDS | GLBX SUPRINC ETF | |
| 37950E 34 1 * | GLOBAL X FDS | GLB X GURU INDEX | |
| 37950E 90 1 | GLOBAL X FDS | CALL | |
| 37950E 95 1 | GLOBAL X FDS | PUT | |
| 37950E 36 6 * | GLOBAL X FDS | MSCI GREECE ETF | |
| 37950E 90 6 | GLOBAL X FDS | CALL | |
| 37950E 95 6 | GLOBAL X FDS | PUT | |
| 37950E 40 8 * | GLOBAL X FDS | MSCI CHINA CNSMR | |
| 37950E 90 8 | GLOBAL X FDS | CALL | |

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| 37950E 95 8 | GLOBAL X FDS | PUT | |
| 37950E 41 6 * | GLOBAL X FDS | SOCIAL MED ETF | |
| 37950E 90 6 | GLOBAL X FDS | CALL | |
| 37950E 95 6 | GLOBAL X FDS | PUT | |
| 37950E 47 3 * | GLOBAL X FDS | GLBL X MLP ETF | |
| 37950E 90 3 | GLOBAL X FDS | CALL | |
| 37950E 95 3 | GLOBAL X FDS | PUT | |
| 37950E 49 9 | GLOBAL X FDS | GLB X FERTIL | |
| 37950E 50 7 | GLOBAL X FDS | MSCI CHINA ENRGY | |
| 37950E 54 9 * | GLOBAL X FDS | GLB X SUPERDIV | |
| 37950E 90 9 | GLOBAL X FDS | CALL | |
| 37950E 95 9 | GLOBAL X FDS | PUT | |
| 37950E 60 6 * | GLOBAL X FDS | MSCI CHINA FINCL | |
| 37950E 90 6 | GLOBAL X FDS | CALL | |
| 37950E 95 6 | GLOBAL X FDS | PUT | |
| 37950E 64 8 | GLOBAL X FDS | GBL X FTSE ETF | |
| 37950E 68 9 | GLOBAL X FDS | MSCI PAKISTAN | |
| 37950E 70 5 * | GLOBAL X FDS | MSCI CHINA INDST | |
| 37950E 90 5 | GLOBAL X FDS | CALL | |
| 37950E 95 5 | GLOBAL X FDS | PUT | |
| 37950E 74 7 | GLOBAL X FDS | GLBX MSCI NORW | |
| 37950E 80 4 * | GLOBAL X FDS | MSCI CHINA COMMU | |
| 37950E 90 4 | GLOBAL X FDS | CALL | |
| 37950E 95 4 | GLOBAL X FDS | PUT | |
| 37951D AB 8 | GLOBAL EAGLE ENTMT INC | NOTE 2.750% 2/1 | |
| 37951D 10 2 * | GLOBAL EAGLE ENTMT INC | COM | |
| 37951D 90 2 | GLOBAL EAGLE ENTMT INC | CALL | |
| 37951D 95 2 | GLOBAL EAGLE ENTMT INC | PUT | |
| 37953G 10 3 * | GLOBAL BRASS & COPPR HLDGS I | COM | |
| 37953G 90 3 | GLOBAL BRASS & COPPR HLDGS I | CALL | |
| 37953G 95 3 | GLOBAL BRASS & COPPR HLDGS I | PUT | |
| 37954A 20 4 * | GLOBAL MED REIT INC | COM NEW | |
| 37954A 90 4 | GLOBAL MED REIT INC | CALL | |
| 37954A 95 4 | GLOBAL MED REIT INC | PUT | |

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|---------------|--------------|--------------------|--------|
| 37954Y 10 3 | GLOBAL X FDS | SCIEN BETA US | |
| 37954Y 30 1 | GLOBAL X FDS | SCIEN BETA EUR | |
| 37954Y 40 0 | GLOBAL X FDS | BETA ASIA EXJP | |
| 37954Y 43 4 | GLOBAL X FDS | GENOMIC BIOTECH | ADDED |
| 37954Y 44 2 | GLOBAL X FDS | CLOUD COMPUTNG | ADDED |
| 37954Y 45 9 | GLOBAL X FDS | RUSSELL 2000 | ADDED |
| 37954Y 46 7 | GLOBAL X FDS | E COMMERCE ETF | |
| 37954Y 47 5 | GLOBAL X FDS | S&P 500 COVERED | |
| 37954Y 48 3 | GLOBAL X FDS | NASDAQ 100 COVER | |
| 37954Y 49 1 | GLOBAL X FDS | DAX GERMANY ETF | |
| 37954Y 50 9 | GLOBAL X FDS | SCIEN BETA JPN | |
| 37954Y 51 7 | GLOBAL X FDS | MSCI CHINA UTL | |
| 37954Y 52 5 | GLOBAL X FDS | MSCI CHINA RE | |
| 37954Y 53 3 | GLOBAL X FDS | MSCI CHINA IT | |
| 37954Y 54 1 | GLOBAL X FDS | MSCI CHINA HC | |
| 37954Y 55 8 | GLOBAL X FDS | MSCI CHINA CON | |
| 37954Y 56 6 | GLOBAL X FDS | MSCI CHINA LRG | |
| 37954Y 57 4 | GLOBAL X FDS | ADAPTIVE US | |
| 37954Y 58 2 | GLOBAL X FDS | TRGTINCM 5 ETF | |
| 37954Y 59 0 | GLOBAL X FDS | TRGTINM 2 ETF | |
| 37954Y 61 6 | GLOBAL X FDS | S&P 500 QLT ETF | |
| 37954Y 62 4 | GLOBAL X FDS | AUTONMOUS EV ETF | |
| 37954Y 63 2 | GLOBAL X FDS | FUTR ANALY ETF | |
| 37954Y 65 7 | GLOBAL X FDS | US PFD ETF | |
| 37954Y 66 5 | GLOBAL X FDS | GBL X MSCI NIGER | |
| 37954Y 67 3 | GLOBAL X FDS | US INFR DEV ETF | |
| 37954Y 68 1 | GLOBAL X FDS | FOUNDER RUN CO | |
| 37954Y 69 9 | GLOBAL X FDS | MSCI SUPDIV EA | |
| 37954Y 70 7 | GLOBAL X FDS | X YIELDCO RENE | |
| 37954Y 71 5 * | GLOBAL X FDS | RBTCES ARTFL INTE | |
| 37954Y 90 5 | GLOBAL X FDS | CALL | |
| 37954Y 95 5 | GLOBAL X FDS | PUT | |
| 37954Y 73 1 | GLOBAL X FDS | CONSCIOUS COS | |
| 37954Y 76 4 | GLOBAL X FDS | MILL THEMCO ETF | |

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|---------------|-------------------------|--------------------|---------|
| 37954Y 77 2 | GLOBAL X FDS | LNTY THMTC ETF | |
| 37954Y 78 0 | GLOBAL X FDS | INTERNET OF THNG | |
| 37954Y 79 8 | GLOBAL X FDS | HELTH WELL ETF | |
| 37954Y 80 6 | GLOBAL X FDS | SUPER DIV ALTR | |
| 37954Y 81 4 | GLOBAL X FDS | FINTECH ETF | |
| 37954Y 83 0 | GLOBAL X FDS | GLOBAL X COPPER | |
| 37954Y 84 8 * | GLOBAL X FDS | GLOBAL X SILVER | |
| 37954Y 90 8 | GLOBAL X FDS | CALL | |
| 37954Y 95 8 | GLOBAL X FDS | PUT | |
| 37954Y 85 5 * | GLOBAL X FDS | LITHIUM BTRY ETF | |
| 37954Y 90 5 | GLOBAL X FDS | CALL | |
| 37954Y 95 5 | GLOBAL X FDS | PUT | |
| 37954Y 86 3 * | GLOBAL X FDS | GLOBAL X GOLD EX | |
| 37954Y 90 3 | GLOBAL X FDS | CALL | |
| 37954Y 95 3 | GLOBAL X FDS | PUT | |
| 37954Y 87 1 * | GLOBAL X FDS | GLOBAL X URANIUM | |
| 37954Y 90 1 | GLOBAL X FDS | CALL | |
| 37954Y 95 1 | GLOBAL X FDS | PUT | |
| 37954Y 88 9 | GLOBAL X FDS | S&P 500 CATHOLIC | |
| 37955N 10 6 | GLOBAL SELF STORAGE INC | COM | |
| 379577 20 8 * | GLOBUS MED INC | CL A | |
| 379577 90 8 | GLOBUS MED INC | CALL | |
| 379577 95 8 | GLOBUS MED INC | PUT | |
| 379887 20 1 | GLOWPOINT INC | COM NEW | DELETED |
| 379887 50 8 | GLOWPOINT INC | COM | ADDED |
| 379890 10 6 * | GLU MOBILE INC | COM | |
| 379890 90 6 | GLU MOBILE INC | CALL | |
| 379890 95 6 | GLU MOBILE INC | PUT | |
| 38000Q 10 2 * | GLYCOMIMETICS INC | COM | |
| 38000Q 90 2 | GLYCOMIMETICS INC | CALL | |
| 38000Q 95 2 | GLYCOMIMETICS INC | PUT | |
| 380237 10 7 * | GODADDY INC | CL A | |
| 380237 90 7 | GODADDY INC | CALL | |
| 380237 95 7 | GODADDY INC | PUT | |

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| 38045R 20 6 * | GOL LINHAS AEREAS INTLG S A | SPON ADR PFD NEW | |
| 38045R 90 6 | GOL LINHAS AEREAS INTLG S A | CALL | |
| 38045R 95 6 | GOL LINHAS AEREAS INTLG S A | PUT | |
| 38046C AB 5 | GOGO INC | NOTE 3.750% 3/0 | |
| 38046C 10 9 * | GOGO INC | COM | |
| 38046C 90 9 | GOGO INC | CALL | |
| 38046C 95 9 | GOGO INC | PUT | |
| 38046Y AB 7 | GOLAR LNG LTD | NOTE 2.750% 2/1 | |
| 38059T 10 6 * | GOLD FIELDS LTD NEW | SPONSORED ADR | |
| 38059T 90 6 | GOLD FIELDS LTD NEW | CALL | |
| 38059T 95 6 | GOLD FIELDS LTD NEW | PUT | |
| 38068T 10 5 * | GOLD RESOURCE CORP | COM | |
| 38068T 90 5 | GOLD RESOURCE CORP | CALL | |
| 38068T 95 5 | GOLD RESOURCE CORP | PUT | |
| 380738 10 4 | GOLD STD VENTURES CORP | COM | |
| 380956 40 9 * | GOLDCORP INC NEW | COM | DELETED |
| 380956 90 9 | GOLDCORP INC NEW | CALL | DELETED |
| 380956 95 9 | GOLDCORP INC NEW | PUT | DELETED |
| 381013 10 1 * | GOLDEN ENTMT INC | COM | |
| 381013 90 1 | GOLDEN ENTMT INC | CALL | |
| 381013 95 1 | GOLDEN ENTMT INC | PUT | |
| 381119 10 6 * | GOLDEN MINERALS CO | COM | |
| 381119 90 6 | GOLDEN MINERALS CO | CALL | |
| 381119 95 6 | GOLDEN MINERALS CO | PUT | |
| 38119T AG 9 | GOLDEN STAR RES LTD CDA | NOTE 7.000% 8/1 | ADDED |
| 38119T 80 7 * | GOLDEN STAR RES LTD CDA | COM | |
| 38119T 90 7 | GOLDEN STAR RES LTD CDA | CALL | |
| 38119T 95 7 | GOLDEN STAR RES LTD CDA | PUT | |
| 381370 10 5 * | GOLDFIELD CORP | COM | |
| 381370 90 5 | GOLDFIELD CORP | CALL | |
| 381370 95 5 | GOLDFIELD CORP | PUT | |
| 38141G 10 4 * | GOLDMAN SACHS GROUP INC | COM | |
| 38141G 90 4 | GOLDMAN SACHS GROUP INC | CALL | |
| 38141G 95 4 | GOLDMAN SACHS GROUP INC | PUT | |

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| 381430 10 7 * | GOLDMAN SACHS ETF TR | ACTIVEBETA INT | |
| 381430 90 7 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 7 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 20 6 * | GOLDMAN SACHS ETF TR | ACTIVEBETA EME | |
| 381430 90 6 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 6 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 23 0 | GOLDMAN SACHS ETF TR | ACES ULTRA SHR | ADDED |
| 381430 25 5 | GOLDMAN SACHS ETF TR | MOTIF NEW AGE | |
| 381430 27 1 | GOLDMAN SACHS ETF TR | MOTIF MANUF RE | |
| 381430 29 7 | GOLDMAN SACHS ETF TR | MOTIF HUMAN EV | |
| 381430 30 5 | GOLDMAN SACHS ETF TR | ACTIVEBETA EUR | |
| 381430 32 1 | GOLDMAN SACHS ETF TR | MOTIF FIN REIM | |
| 381430 34 7 | GOLDMAN SACHS ETF TR | MOTIF DATA DRIVN | |
| 381430 36 2 | GOLDMAN SACHS ETF TR | ACCESS INFLATI | |
| 381430 39 6 * | GOLDMAN SACHS ETF TR | JUST US LRG CP | |
| 381430 90 6 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 6 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 40 4 | GOLDMAN SACHS ETF TR | ACTIVEBETA JAP | |
| 381430 43 8 * | GOLDMAN SACHS ETF TR | EQUAL WEIGHT US | |
| 381430 90 8 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 8 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 45 3 * | GOLDMAN SACHS ETF TR | ACCESS HIG YLD | |
| 381430 90 3 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 3 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 47 9 * | GOLDMAN SACHS ETF TR | ACCESS INVT GR | |
| 381430 90 9 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 9 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 50 3 * | GOLDMAN SACHS ETF TR | EQUITY ETF | |
| 381430 90 3 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 3 | GOLDMAN SACHS ETF TR | PUT | |
| 381430 52 9 | GOLDMAN SACHS ETF TR | ACCES TREASURY | |
| 381430 54 5 * | GOLDMAN SACHS ETF TR | HEDGE IND ETF | |
| 381430 90 5 | GOLDMAN SACHS ETF TR | CALL | |
| 381430 95 5 | GOLDMAN SACHS ETF TR | PUT | |

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| 381430 60 2 | GOLDMAN SACHS ETF TR | ACTIVEBETA US | |
| 38144L 85 2 | GOLDMAN SACHS GROUP INC | SP ENHCMD37ETN | |
| 38147Q MF 0 | GOLDMAN SACHS GROUP INC | MTNF 2/1 | |
| 38147U AB 3 | GOLDMAN SACHS BDC INC | NOTE 4.500% 4/0 | |
| 38147U 10 7 | GOLDMAN SACHS BDC INC | SHS | |
| 38147W 10 3 | GOLDMAN SACHS MLP INC OPP FD | COM SHS | |
| 38148G 10 7 | GOLDMAN SACHS MLP ENERGY REN | COM | |
| 38173M 10 2 * | GOLUB CAP BDC INC | COM | |
| 38173M 90 2 | GOLUB CAP BDC INC | CALL | |
| 38173M 95 2 | GOLUB CAP BDC INC | PUT | |
| 382140 87 9 * | GOOD TIMES RESTAURANTS INC | COM PAR \$.001NEW | |
| 382140 90 9 | GOOD TIMES RESTAURANTS INC | CALL | |
| 382140 95 9 | GOOD TIMES RESTAURANTS INC | PUT | |
| 382410 AR 9 | GOODRICH PETE CORP | DEBT 13.500% 8/3 | DELETED |
| 382410 84 3 | GOODRICH PETE CORP | COM PAR | |
| 382550 10 1 * | GOODYEAR TIRE & RUBR CO | COM | |
| 382550 90 1 | GOODYEAR TIRE & RUBR CO | CALL | |
| 382550 95 1 | GOODYEAR TIRE & RUBR CO | PUT | |
| 38267D 10 9 * | GOOSEHEAD INS INC | COM CL A | |
| 38267D 90 9 | GOOSEHEAD INS INC | CALL | |
| 38267D 95 9 | GOOSEHEAD INS INC | PUT | |
| 38268I AA 5 | GOPRO INC | NOTE 3.500% 4/1 | DELETED |
| 38268T AB 9 | GOPRO INC | NOTE 3.500% 4/1 | |
| 38268T 10 3 * | GOPRO INC | CL A | |
| 38268T 90 3 | GOPRO INC | CALL | |
| 38268T 95 3 | GOPRO INC | PUT | |
| 382788 10 7 | GORDON POINTE ACQUISITION CO | COM CLASS A | |
| 382788 11 5 | GORDON POINTE ACQUISITION CO | *W EXP 07/30/202 | |
| 382788 20 6 | GORDON POINTE ACQUISITION CO | UNIT 01/18/2023 | |
| 38286G 10 9 | GORES HOLDINGS III INC | CLASS A | |
| 38286G 11 7 | GORES HOLDINGS III INC | *W EXP 09/11/202 | |
| 38286G 20 8 | GORES HOLDINGS III INC | UNIT 09/07/2024 | |
| 382872 10 9 | GORES METROPOULOS INC | COM CL A | |
| 382872 11 7 | GORES METROPOULOS INC | *W EXP 01/28/202 | |

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|-----------------|------------------------|---------------------------|---------------|
| 382872 20 8 | GORES METROPOULOS INC | UNIT 99/99/9999 | |
| 383082 10 4 * | GORMAN RUPP CO | COM | |
| 383082 90 4 | GORMAN RUPP CO | CALL | |
| 383082 95 4 | GORMAN RUPP CO | PUT | |
| 38341P 10 2 * | GOSSAMER BIO INC | COM | |
| 38341P 90 2 | GOSSAMER BIO INC | CALL | |
| 38341P 95 2 | GOSSAMER BIO INC | PUT | |
| 38388F 10 8 * | GRACE W R & CO DEL NEW | COM | |
| 38388F 90 8 | GRACE W R & CO DEL NEW | CALL | |
| 38388F 95 8 | GRACE W R & CO DEL NEW | PUT | |
| 384109 10 4 * | GRACO INC | COM | |
| 384109 90 4 | GRACO INC | CALL | |
| 384109 95 4 | GRACO INC | PUT | |
| 384278 10 7 | GRAF INDL CORP | COM | |
| 384278 11 5 | GRAF INDL CORP | *W EXP 12/31/202 | |
| 384278 20 6 | GRAF INDL CORP | UNIT 12/31/2025 | |
| 384313 50 8 * | GRAFTECH INTL LTD | COM | |
| 384313 90 8 | GRAFTECH INTL LTD | CALL | |
| 384313 95 8 | GRAFTECH INTL LTD | PUT | |
| 384556 10 6 * | GRAHAM CORP | COM | |
| 384556 90 6 | GRAHAM CORP | CALL | |
| 384556 95 6 | GRAHAM CORP | PUT | |
| 384637 10 4 | GRAHAM HLDGS CO | COM | |
| 384802 10 4 * | GRAINGER W W INC | COM | |
| 384802 90 4 | GRAINGER W W INC | CALL | |
| 384802 95 4 | GRAINGER W W INC | PUT | |
| 38500P 20 8 | GRANA Y MONTERO S A A | SPONSORED ADS | |
| 38500T AB 7 | GRAN TIERRA ENERGY INC | NOTE 5.000% 4/0 | |
| 38500T 10 1 * | GRAN TIERRA ENERGY INC | COM | |
| 38500T 90 1 | GRAN TIERRA ENERGY INC | CALL | |
| 38500T 95 1 | GRAN TIERRA ENERGY INC | PUT | |
| 38526M 10 6 * | GRAND CANYON ED INC | COM | |
| 38526M 90 6 | GRAND CANYON ED INC | CALL | |
| 38526M 95 6 | GRAND CANYON ED INC | PUT | |

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| 387328 10 7 * | GRANITE CONSTR INC | COM | |
| 387328 90 7 | GRANITE CONSTR INC | CALL | |
| 387328 95 7 | GRANITE CONSTR INC | PUT | |
| 38741L AC 1 | GRANITE PT MTG TR INC | NOTE 6.375%10/0 | |
| 38741L 10 7 * | GRANITE PT MTG TR INC | COM | |
| 38741L 90 7 | GRANITE PT MTG TR INC | CALL | |
| 38741L 95 7 | GRANITE PT MTG TR INC | PUT | |
| 387437 11 4 * | GRANITE REAL ESTATE INVT TR | UNIT 99/99/9999 | |
| 387437 90 4 | GRANITE REAL ESTATE INVT TR | CALL | |
| 387437 95 4 | GRANITE REAL ESTATE INVT TR | PUT | |
| 38747R 10 8 | GRANITESHARES ETF TR | BBG COMMD K 1 | |
| 38747R 20 7 | GRANITESHARES ETF TR | S&P GSCI CM K 1 | |
| 38747R 30 6 | GRANITESHARES ETF TR | HIPS US HIGH INC | |
| 38748G 10 1 | GRANITESHARES GOLD TR | SHS BEN INT | |
| 38748T 10 3 | GRANITESHARES PLATINUM TR | SHS BEN INT | |
| 388689 10 1 * | GRAPHIC PACKAGING HLDG CO | COM | |
| 388689 90 1 | GRAPHIC PACKAGING HLDG CO | CALL | |
| 388689 95 1 | GRAPHIC PACKAGING HLDG CO | PUT | |
| 38911N 20 6 | GRAVITY CO LTD | SPONSORED ADS NE | |
| 389375 10 6 * | GRAY TELEVISION INC | COM | |
| 389375 90 6 | GRAY TELEVISION INC | CALL | |
| 389375 95 6 | GRAY TELEVISION INC | PUT | |
| 389375 20 5 | GRAY TELEVISION INC | CL A | |
| 38983D 30 0 | GREAT AJAX CORP | COM | |
| 390320 10 9 * | GREAT ELM CAP CORP | COM | |
| 390320 90 9 | GREAT ELM CAP CORP | CALL | |
| 390320 95 9 | GREAT ELM CAP CORP | PUT | |
| 39036P 20 9 | GREAT ELM CAP GROUP INC | COM NEW | |
| 390607 10 9 * | GREAT LAKES DREDGE & DOCK CO | COM | |
| 390607 90 9 | GREAT LAKES DREDGE & DOCK CO | CALL | |
| 390607 95 9 | GREAT LAKES DREDGE & DOCK CO | PUT | |
| 390905 10 7 * | GREAT SOUTHN BANCORP INC | COM | |
| 390905 90 7 | GREAT SOUTHN BANCORP INC | CALL | |
| 390905 95 7 | GREAT SOUTHN BANCORP INC | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 39115V 10 1 * | GREAT PANTHER MINING LIMITED | COM | |
| 39115V 90 1 | GREAT PANTHER MINING LIMITED | CALL | |
| 39115V 95 1 | GREAT PANTHER MINING LIMITED | PUT | |
| 391416 10 4 * | GREAT WESTN BANCORP INC | COM | |
| 391416 90 4 | GREAT WESTN BANCORP INC | CALL | |
| 391416 95 4 | GREAT WESTN BANCORP INC | PUT | |
| 392709 10 1 * | GREEN BRICK PARTNERS INC | COM | |
| 392709 90 1 | GREEN BRICK PARTNERS INC | CALL | |
| 392709 95 1 | GREEN BRICK PARTNERS INC | PUT | |
| 39304D 10 2 * | GREEN DOT CORP | CL A | |
| 39304D 90 2 | GREEN DOT CORP | CALL | |
| 39304D 95 2 | GREEN DOT CORP | PUT | |
| 393221 10 6 | GREEN PLAINS PARTNERS LP | COM REP PTR IN | |
| 393222 AF 1 | GREEN PLAINS INC | NOTE 4.125% 9/0 | |
| 393222 AG 9 | GREEN PLAINS INC | NOTE 3.250%10/0 | |
| 393222 10 4 * | GREEN PLAINS INC | COM | |
| 393222 90 4 | GREEN PLAINS INC | CALL | |
| 393222 95 4 | GREEN PLAINS INC | PUT | |
| 393657 AK 7 | GREENBRIER COS INC | NOTE 2.875% 2/0 | |
| 393657 10 1 * | GREENBRIER COS INC | COM | |
| 393657 90 1 | GREENBRIER COS INC | CALL | |
| 393657 95 1 | GREENBRIER COS INC | PUT | |
| 394357 10 7 | GREENE COUNTY BANCORP INC | COM | |
| 395259 10 4 * | GREENHILL & CO INC | COM | |
| 395259 90 4 | GREENHILL & CO INC | CALL | |
| 395259 95 4 | GREENHILL & CO INC | PUT | |
| 395330 10 3 * | GREENLANE HLDGS INC | CL A | ADDED |
| 395330 90 3 | GREENLANE HLDGS INC | CALL | ADDED |
| 395330 95 3 | GREENLANE HLDGS INC | PUT | ADDED |
| 39540F 10 1 | GREENPRO CAP CORP | COM | |
| 39572G 10 0 * | GREENSKY INC | CL A | |
| 39572G 90 0 | GREENSKY INC | CALL | |
| 39572G 95 0 | GREENSKY INC | PUT | |
| 39579V 10 0 | GREENTREE HOSPITALTY GROUP L | SPONSORED ADS | |

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| 397624 10 7 * | GREIF INC | CL A | |
| 397624 90 7 | GREIF INC | CALL | |
| 397624 95 7 | GREIF INC | PUT | |
| 397624 20 6 | GREIF INC | CL B | |
| 398132 10 0 * | GRIDSUM HLDG INC | SPONSORED ADR | |
| 398132 90 0 | GRIDSUM HLDG INC | CALL | |
| 398132 95 0 | GRIDSUM HLDG INC | PUT | |
| 398231 10 0 | GRIFFIN INL RLTY INC | COM | |
| 398433 10 2 * | GRIFFON CORP | COM | |
| 398433 90 2 | GRIFFON CORP | CALL | |
| 398433 95 2 | GRIFFON CORP | PUT | |
| 398438 40 8 * | GRIFOLS S A | SP ADR REP B NVT | |
| 398438 90 8 | GRIFOLS S A | CALL | |
| 398438 95 8 | GRIFOLS S A | PUT | |
| 39868T 10 5 | GRITSTONE ONCOLOGY INC | COM | |
| 39874R 10 1 | GROCERY OUTLET HLDG CORP | COM | ADDED |
| 398905 10 9 * | GROUP 1 AUTOMOTIVE INC | COM | |
| 398905 90 9 | GROUP 1 AUTOMOTIVE INC | CALL | |
| 398905 95 9 | GROUP 1 AUTOMOTIVE INC | PUT | |
| 399473 10 7 * | GROUPON INC | COM | |
| 399473 90 7 | GROUPON INC | CALL | |
| 399473 95 7 | GROUPON INC | PUT | |
| 399909 10 0 * | GRUPO FINANCIERO GALICIA S A | SPONSORED ADR | |
| 399909 90 0 | GRUPO FINANCIERO GALICIA S A | CALL | |
| 399909 95 0 | GRUPO FINANCIERO GALICIA S A | PUT | |
| 400110 10 2 * | GRUBHUB INC | COM | |
| 400110 90 2 | GRUBHUB INC | CALL | |
| 400110 95 2 | GRUBHUB INC | PUT | |
| 40049J 20 6 * | GRUPO TELEVISA SA | SPON ADR REP ORD | |
| 40049J 90 6 | GRUPO TELEVISA SA | CALL | |
| 40049J 95 6 | GRUPO TELEVISA SA | PUT | |
| 400491 10 6 * | GRUPO SIMEC S A B DE C V | ADR | |
| 400491 90 6 | GRUPO SIMEC S A B DE C V | CALL | |
| 400491 95 6 | GRUPO SIMEC S A B DE C V | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 400501 10 2 * | GRUPO AEROPORTUARIO CTR NORT | SPON ADR | |
| 400501 90 2 | GRUPO AEROPORTUARIO CTR NORT | CALL | |
| 400501 95 2 | GRUPO AEROPORTUARIO CTR NORT | PUT | |
| 400506 10 1 * | GPO AEROPORTUARIO DEL PAC SA | SPON ADR B | |
| 400506 90 1 | GPO AEROPORTUARIO DEL PAC SA | CALL | |
| 400506 95 1 | GPO AEROPORTUARIO DEL PAC SA | PUT | |
| 40051E 20 2 * | GRUPO AEROPORTUARIO DEL SURE | SPON ADR SER B | |
| 40051E 90 2 | GRUPO AEROPORTUARIO DEL SURE | CALL | |
| 40051E 95 2 | GRUPO AEROPORTUARIO DEL SURE | PUT | |
| 40052B 20 7 * | GTX INC DEL | COM NEW | DELETED |
| 40052B 90 7 | GTX INC DEL | CALL | DELETED |
| 40052B 95 7 | GTX INC DEL | PUT | DELETED |
| 40053W 10 1 | GRUPO AVAL ACCIONES Y VALORE | SPONSORED ADS | |
| 40054A 10 8 | GRUPO SUPERVIELLE S A | SPONSORED ADR | |
| 40065W 10 7 * | GUANGSHEN RY LTD | SPONSORED ADR | |
| 40065W 90 7 | GUANGSHEN RY LTD | CALL | |
| 40065W 95 7 | GUANGSHEN RY LTD | PUT | |
| 400764 10 6 | GUARANTY BANCSHARES INC TEX | COM | |
| 40108P 10 1 | GUARANTY FED BANCSHARES INC | COM | |
| 40131M 10 9 * | GUARDANT HEALTH INC | COM | |
| 40131M 90 9 | GUARDANT HEALTH INC | CALL | |
| 40131M 95 9 | GUARDANT HEALTH INC | PUT | |
| 40145Q 20 3 | GUARDION HEALTH SCIENCES INC | COM NEW | ADDED |
| 401617 10 5 * | GUESS INC | COM | |
| 401617 90 5 | GUESS INC | CALL | |
| 401617 95 5 | GUESS INC | PUT | |
| 401664 10 7 | GUGGENHEIM TAXABLE MUN MNGD | COM | |
| 40167B 10 0 | GUGGENHEIM ENHNCD EQTY INCM | COM | |
| 40167F 10 1 | GUGGENHEIM STRATEGIC OPP FD | COM SBI | |
| 40168G 10 8 | GUGGENHEIM CR ALLOCATION FD | COM | |
| 40171V AA 8 | GUIDEWIRE SOFTWARE INC | NOTE 1.250% 3/1 | |
| 40171V 10 0 * | GUIDEWIRE SOFTWARE INC | COM | |
| 40171V 90 0 | GUIDEWIRE SOFTWARE INC | CALL | |
| 40171V 95 0 | GUIDEWIRE SOFTWARE INC | PUT | |

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|---------------|------------------------------|--------------------|--------|
| 402307 10 2 * | GULF ISLAND FABRICATION INC | COM | |
| 402307 90 2 | GULF ISLAND FABRICATION INC | CALL | |
| 402307 95 2 | GULF ISLAND FABRICATION INC | PUT | |
| 40251W 30 9 * | GULF RESOURCES INC | COM PAR | |
| 40251W 90 9 | GULF RESOURCES INC | CALL | |
| 40251W 95 9 | GULF RESOURCES INC | PUT | |
| 402635 30 4 * | GULFPORT ENERGY CORP | COM NEW | |
| 402635 90 4 | GULFPORT ENERGY CORP | CALL | |
| 402635 95 4 | GULFPORT ENERGY CORP | PUT | |
| 403829 10 4 | GYRODYNE LLC | COM | |
| 404030 10 8 * | H & E EQUIPMENT SERVICES INC | COM | |
| 404030 90 8 | H & E EQUIPMENT SERVICES INC | CALL | |
| 404030 95 8 | H & E EQUIPMENT SERVICES INC | PUT | |
| 40412C 10 1 * | HCA HEALTHCARE INC | COM | |
| 40412C 90 1 | HCA HEALTHCARE INC | CALL | |
| 40412C 95 1 | HCA HEALTHCARE INC | PUT | |
| 404139 10 7 * | HC2 HLDGS INC | COM | |
| 404139 90 7 | HC2 HLDGS INC | CALL | |
| 404139 95 7 | HC2 HLDGS INC | PUT | |
| 40414L 10 9 * | HCP INC | COM | |
| 40414L 90 9 | HCP INC | CALL | |
| 40414L 95 9 | HCP INC | PUT | |
| 40415F 10 1 * | HDFC BANK LTD | SPONSORED ADS | |
| 40415F 90 1 | HDFC BANK LTD | CALL | |
| 40415F 95 1 | HDFC BANK LTD | PUT | |
| 40416E AD 5 | HCI GROUP INC | NOTE 4.250% 3/0 | |
| 40416E 10 3 * | HCI GROUP INC | COM | |
| 40416E 90 3 | HCI GROUP INC | CALL | |
| 40416E 95 3 | HCI GROUP INC | PUT | |
| 40416M 10 5 * | HD SUPPLY HLDGS INC | COM | |
| 40416M 90 5 | HD SUPPLY HLDGS INC | CALL | |
| 40416M 95 5 | HD SUPPLY HLDGS INC | PUT | |
| 40417F 10 9 | HF FOODS GROUP INC | COM | |
| 40418F 10 8 * | HFF INC | CL A | |

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| 40418F 90 8 | HFF INC | CALL | |
| 40418F 95 8 | HFF INC | PUT | |
| 404232 10 0 | HMG COURTLAND PPTYS INC | COM | |
| 40424G 10 8 | HMN FINL INC | COM | |
| 40425J 10 1 * | HMS HLDGS CORP | COM | |
| 40425J 90 1 | HMS HLDGS CORP | CALL | |
| 40425J 95 1 | HMS HLDGS CORP | PUT | |
| 404251 10 0 * | HNI CORP | COM | |
| 404251 90 0 | HNI CORP | CALL | |
| 404251 95 0 | HNI CORP | PUT | |
| 404280 40 6 * | HSBC HLDGS PLC | SPON ADR NEW | |
| 404280 90 6 | HSBC HLDGS PLC | CALL | |
| 404280 95 6 | HSBC HLDGS PLC | PUT | |
| 404280 60 4 | HSBC HLDGS PLC | ADR A 1/40PF A | |
| 40434H 10 4 * | HTG MOLECULAR DIAGNOSTICS IN | COM | |
| 40434H 90 4 | HTG MOLECULAR DIAGNOSTICS IN | CALL | |
| 40434H 95 4 | HTG MOLECULAR DIAGNOSTICS IN | PUT | |
| 40434L 10 5 * | HP INC | COM | |
| 40434L 90 5 | HP INC | CALL | |
| 40434L 95 5 | HP INC | PUT | |
| 40441H 10 5 | HV BANCORP INC | COM | |
| 40449J 10 3 * | HABIT RESTAURANTS INC | COM CL A | |
| 40449J 90 3 | HABIT RESTAURANTS INC | CALL | |
| 40449J 95 3 | HABIT RESTAURANTS INC | PUT | |
| 404609 10 9 * | HACKETT GROUP INC | COM | |
| 404609 90 9 | HACKETT GROUP INC | CALL | |
| 404609 95 9 | HACKETT GROUP INC | PUT | |
| 405024 10 0 * | HAEMONETICS CORP | COM | |
| 405024 90 0 | HAEMONETICS CORP | CALL | |
| 405024 95 0 | HAEMONETICS CORP | PUT | |
| 405217 10 0 * | HAIN CELESTIAL GROUP INC | COM | |
| 405217 90 0 | HAIN CELESTIAL GROUP INC | CALL | |
| 405217 95 0 | HAIN CELESTIAL GROUP INC | PUT | |
| 40522L 10 8 | HAILIANG ED GROUP INC | SPONSORED ADR | |

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| 40537Q 11 8 | HALCON RES CORP | *W EXP 09/09/202 | |
| 40537Q 60 5 * | HALCON RES CORP | COM | |
| 40537Q 90 5 | HALCON RES CORP | CALL | |
| 40537Q 95 5 | HALCON RES CORP | PUT | |
| 40609P 10 5 * | HALLADOR ENERGY COMPANY | COM | |
| 40609P 90 5 | HALLADOR ENERGY COMPANY | CALL | |
| 40609P 95 5 | HALLADOR ENERGY COMPANY | PUT | |
| 406216 10 1 * | HALLIBURTON CO | COM | |
| 406216 90 1 | HALLIBURTON CO | CALL | |
| 406216 95 1 | HALLIBURTON CO | PUT | |
| 40624Q 20 3 * | HALLMARK FINL SVCS INC | EC COM NEW | |
| 40624Q 90 3 | HALLMARK FINL SVCS INC | EC CALL | |
| 40624Q 95 3 | HALLMARK FINL SVCS INC | EC PUT | |
| 40637H 10 9 * | HALOZYME THERAPEUTICS INC | COM | |
| 40637H 90 9 | HALOZYME THERAPEUTICS INC | CALL | |
| 40637H 95 9 | HALOZYME THERAPEUTICS INC | PUT | |
| 40701T 10 4 | HAMILTON BEACH BRANDS HLDG C | COM CL A | |
| 407015 10 6 | HAMILTON BANCORP INC MD | COM | DELETED |
| 407497 10 6 * | HAMILTON LANE INC | CL A | |
| 407497 90 6 | HAMILTON LANE INC | CALL | |
| 407497 95 6 | HAMILTON LANE INC | PUT | |
| 409735 20 6 | HANCOCK JOHN FINL OPPTYS FD | SH BEN INT NEW | |
| 410120 10 9 * | HANCOCK WHITNEY CORPORATION | COM | |
| 410120 90 9 | HANCOCK WHITNEY CORPORATION | CALL | |
| 410120 95 9 | HANCOCK WHITNEY CORPORATION | PUT | |
| 410123 10 3 | HANCOCK JOHN INCOME SECS TR | COM | |
| 41013P 74 9 | HANCOCK JOHN INV TRUST | TAX ADV GLB SH | |
| 41013T 10 5 | HANCOCK JOHN PREMUIV DIV FD | COM SH BEN INT | |
| 41013V 10 0 | HANCOCK JOHN TAX-ADV DIV INC | COM | |
| 41013W 10 8 | HANCOCK JOHN PFD INCOME FD | SH BEN INT | |
| 41013X 10 6 | HANCOCK JOHN PFD INCOME FD I | COM | |
| 410142 10 3 | HANCOCK JOHN INVS TR | COM | |
| 41015N 10 6 | HANCOCK JAFFE LABORATORIES I | COM | |
| 41015N 11 4 | HANCOCK JAFFE LABORATORIES I | *W EXP 05/30/202 | |

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|---------------|------------------------------|--------------------|--------|
| 41021P 10 3 | HANCOCK JOHN PFD INCOME FD I | COM | |
| 410345 10 2 * | HANESBRANDS INC | COM | |
| 410345 90 2 | HANESBRANDS INC | CALL | |
| 410345 95 2 | HANESBRANDS INC | PUT | |
| 41043F 20 8 * | HANGER INC | COM NEW | |
| 41043F 90 8 | HANGER INC | CALL | |
| 41043F 95 8 | HANGER INC | PUT | |
| 410495 20 4 * | HANMI FINL CORP | COM NEW | |
| 410495 90 4 | HANMI FINL CORP | CALL | |
| 410495 95 4 | HANMI FINL CORP | PUT | |
| 41068X AB 6 | HANNON ARMSTRONG SUST INFR C | NOTE 4.125% 9/0 | |
| 41068X 10 0 * | HANNON ARMSTRONG SUST INFR C | COM | |
| 41068X 90 0 | HANNON ARMSTRONG SUST INFR C | CALL | |
| 41068X 95 0 | HANNON ARMSTRONG SUST INFR C | PUT | |
| 410867 10 5 * | HANOVER INS GROUP INC | COM | |
| 410867 90 5 | HANOVER INS GROUP INC | CALL | |
| 410867 95 5 | HANOVER INS GROUP INC | PUT | |
| 41165F 10 1 | HARBORONE BANCORP INC | COM | |
| 412822 10 8 * | HARLEY DAVIDSON INC | COM | |
| 412822 90 8 | HARLEY DAVIDSON INC | CALL | |
| 412822 95 8 | HARLEY DAVIDSON INC | PUT | |
| 413160 AB 8 | HARMONIC INC | NOTE 4.000%12/0 | |
| 413160 10 2 * | HARMONIC INC | COM | |
| 413160 90 2 | HARMONIC INC | CALL | |
| 413160 95 2 | HARMONIC INC | PUT | |
| 413216 30 0 * | HARMONY GOLD MNG LTD | SPONSORED ADR | |
| 413216 90 0 | HARMONY GOLD MNG LTD | CALL | |
| 413216 95 0 | HARMONY GOLD MNG LTD | PUT | |
| 41358P 10 6 | HARPOON THERAPEUTICS INC | COM | |
| 413875 10 5 * | HARRIS CORP DEL | COM | |
| 413875 90 5 | HARRIS CORP DEL | CALL | |
| 413875 95 5 | HARRIS CORP DEL | PUT | |
| 415858 10 9 * | HARROW HEALTH INC | COM | |
| 415858 90 9 | HARROW HEALTH INC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 415858 95 9 | HARROW HEALTH INC | PUT | |
| 415864 10 7 * | HARSCO CORP | COM | |
| 415864 90 7 | HARSCO CORP | CALL | |
| 415864 95 7 | HARSCO CORP | PUT | |
| 416196 20 2 * | HARTE-HANKS INC | COM | |
| 416196 90 2 | HARTE-HANKS INC | CALL | |
| 416196 95 2 | HARTE-HANKS INC | PUT | |
| 416515 10 4 * | HARTFORD FINL SVCS GROUP INC | COM | |
| 416515 90 4 | HARTFORD FINL SVCS GROUP INC | CALL | |
| 416515 95 4 | HARTFORD FINL SVCS GROUP INC | PUT | |
| 416515 12 0 | HARTFORD FINL SVCS GROUP INC | *W EXP 06/26/201 | DELETED |
| 41653L 30 5 | HARTFORD FDS EXCHANGE TRADE | TOTAL RTRN ETF | |
| 41653L 40 4 | HARTFORD FDS EXCHANGE TRADE | SCHRDRS TAX BD | |
| 41653L 50 3 | HARTFORD FDS EXCHANGE TRADE | MUN OPORTUNITE | |
| 41653L 60 2 | HARTFORD FDS EXCHANGE TRADE | SHRT DURTN ETF | |
| 416906 10 5 * | HARVARD BIOSCIENCE INC | COM | |
| 416906 90 5 | HARVARD BIOSCIENCE INC | CALL | |
| 416906 95 5 | HARVARD BIOSCIENCE INC | PUT | |
| 41753F 10 9 | HARVEST CAP CR CORP | COM | |
| 418056 10 7 * | HASBRO INC | COM | |
| 418056 90 7 | HASBRO INC | CALL | |
| 418056 95 7 | HASBRO INC | PUT | |
| 419596 10 1 * | HAVERTY FURNITURE INC | COM | |
| 419596 90 1 | HAVERTY FURNITURE INC | CALL | |
| 419596 95 1 | HAVERTY FURNITURE INC | PUT | |
| 419596 20 0 | HAVERTY FURNITURE INC | CL A | |
| 419870 10 0 * | HAWAIIAN ELEC INDUSTRIES | COM | |
| 419870 90 0 | HAWAIIAN ELEC INDUSTRIES | CALL | |
| 419870 95 0 | HAWAIIAN ELEC INDUSTRIES | PUT | |
| 419879 10 1 * | HAWAIIAN HOLDINGS INC | COM | |
| 419879 90 1 | HAWAIIAN HOLDINGS INC | CALL | |
| 419879 95 1 | HAWAIIAN HOLDINGS INC | PUT | |
| 420261 10 9 * | HAWKINS INC | COM | |
| 420261 90 9 | HAWKINS INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 420261 95 9 | HAWKINS INC | PUT | |
| 420476 10 3 | HAWTHORN BANCSHARES INC | COM | |
| 42087L 20 0 | HAYMAKER ACQUISITION CORP II | UNIT 10/31/2026 | ADDED |
| 420877 20 1 * | HAYNES INTERNATIONAL INC | COM NEW | |
| 420877 90 1 | HAYNES INTERNATIONAL INC | CALL | |
| 420877 95 1 | HAYNES INTERNATIONAL INC | PUT | |
| 421906 10 8 * | HEALTHCARE SVCS GRP INC | COM | |
| 421906 90 8 | HEALTHCARE SVCS GRP INC | CALL | |
| 421906 95 8 | HEALTHCARE SVCS GRP INC | PUT | |
| 421946 10 4 * | HEALTHCARE RLTY TR | COM | |
| 421946 90 4 | HEALTHCARE RLTY TR | CALL | |
| 421946 95 4 | HEALTHCARE RLTY TR | PUT | |
| 42207L 10 6 | HEADHUNTER GROUP PLC | SPONSORED ADS | ADDED |
| 42222N 10 3 * | HEALTHSTREAM INC | COM | |
| 42222N 90 3 | HEALTHSTREAM INC | CALL | |
| 42222N 95 3 | HEALTHSTREAM INC | PUT | |
| 42225K 10 6 * | HEALTH INS INNOVATIONS INC | COM CL A | |
| 42225K 90 6 | HEALTH INS INNOVATIONS INC | CALL | |
| 42225K 95 6 | HEALTH INS INNOVATIONS INC | PUT | |
| 42225P 50 1 * | HEALTHCARE TR AMER INC | CL A NEW | |
| 42225P 90 1 | HEALTHCARE TR AMER INC | CALL | |
| 42225P 95 1 | HEALTHCARE TR AMER INC | PUT | |
| 42226A 10 7 * | HEALTHEQUITY INC | COM | |
| 42226A 90 7 | HEALTHEQUITY INC | CALL | |
| 42226A 95 7 | HEALTHEQUITY INC | PUT | |
| 42227C 10 2 | HEALTH SCIENCES ACQUSTN CORP | COM | ADDED |
| 42227C 11 0 | HEALTH SCIENCES ACQUSTN CORP | *W EXP 04/01/202 | ADDED |
| 42227C 20 1 | HEALTH SCIENCES ACQUSTN CORP | UNIT 04/01/2024 | ADDED |
| 42234Q 10 2 * | HEARTLAND FINL USA INC | COM | |
| 42234Q 90 2 | HEARTLAND FINL USA INC | CALL | |
| 42234Q 95 2 | HEARTLAND FINL USA INC | PUT | |
| 422347 10 4 * | HEARTLAND EXPRESS INC | COM | |
| 422347 90 4 | HEARTLAND EXPRESS INC | CALL | |
| 422347 95 4 | HEARTLAND EXPRESS INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 42237K 30 0 | HEAT BIOLOGICS INC | COM NEW | |
| 422704 10 6 * | HECLA MNG CO | COM | |
| 422704 90 6 | HECLA MNG CO | CALL | |
| 422704 95 6 | HECLA MNG CO | PUT | |
| 422704 20 5 | HECLA MNG CO | PFD CV SER B | |
| 422806 10 9 * | HEICO CORP NEW | COM | |
| 422806 90 9 | HEICO CORP NEW | CALL | |
| 422806 95 9 | HEICO CORP NEW | PUT | |
| 422806 20 8 * | HEICO CORP NEW | CL A | |
| 422806 90 8 | HEICO CORP NEW | CALL | |
| 422806 95 8 | HEICO CORP NEW | PUT | |
| 422819 10 2 * | HEIDRICK & STRUGGLES INTL IN | COM | |
| 422819 90 2 | HEIDRICK & STRUGGLES INTL IN | CALL | |
| 422819 95 2 | HEIDRICK & STRUGGLES INTL IN | PUT | |
| 42328H 10 9 * | HELIOS TECHNOLOGIES INC | COM | ADDED |
| 42328H 90 9 | HELIOS TECHNOLOGIES INC | CALL | ADDED |
| 42328H 95 9 | HELIOS TECHNOLOGIES INC | PUT | ADDED |
| 42328V 50 4 | HELIUS MED TECHNOLOGIES INC | COM CL A | |
| 42330P AH 0 | HELIX ENERGY SOLUTIONS GRP I | NOTE 4.250% 5/0 | |
| 42330P AJ 6 | HELIX ENERGY SOLUTIONS GRP I | NOTE 4.125% 9/1 | |
| 42330P 10 7 * | HELIX ENERGY SOLUTIONS GRP I | COM | |
| 42330P 90 7 | HELIX ENERGY SOLUTIONS GRP I | CALL | |
| 42330P 95 7 | HELIX ENERGY SOLUTIONS GRP I | PUT | |
| 423452 10 1 * | HELMERICH & PAYNE INC | COM | |
| 423452 90 1 | HELMERICH & PAYNE INC | CALL | |
| 423452 95 1 | HELMERICH & PAYNE INC | PUT | |
| 42365Q 10 3 | HEMISPHERE MEDIA GROUP INC | CL A | |
| 42366C 30 1 | HEMISPHERX BIOPHARMA INC | COM NEW | DELETED |
| 42366C 50 9 | HEMISPHERX BIOPHARMA INC | COM NEW | ADDED |
| 425885 10 0 | HENNESSY ADVISORS INC | COM | |
| 42589C 10 4 | HENNESSY CAP ACQUSTION CORP | CL A COM | ADDED |
| 42589C 11 2 | HENNESSY CAP ACQUSTION CORP | *W EXP 09/05/202 | ADDED |
| 42589C 20 3 | HENNESSY CAP ACQUSTION CORP | UNIT 99/99/9999 | |
| 426281 10 1 * | HENRY JACK & ASSOC INC | COM | |

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|---------------|-----------------------------|--------------------|--------|
| 426281 90 1 | HENRY JACK & ASSOC INC | CALL | |
| 426281 95 1 | HENRY JACK & ASSOC INC | PUT | |
| 426927 10 9 * | HERITAGE COMMERCE CORP | COM | |
| 426927 90 9 | HERITAGE COMMERCE CORP | CALL | |
| 426927 95 9 | HERITAGE COMMERCE CORP | PUT | |
| 42703M AB 9 | HERBALIFE LTD | NOTE 2.000% 8/1 | |
| 42703M AD 5 | HERBALIFE LTD | NOTE 2.625% 3/1 | |
| 42704L 10 4 * | HERC HLDGS INC | COM | |
| 42704L 90 4 | HERC HLDGS INC | CALL | |
| 42704L 95 4 | HERC HLDGS INC | PUT | |
| 427096 AF 9 | HERCULES CAPITAL INC | DBCV 4.375% 2/0 | |
| 427096 50 8 * | HERCULES CAPITAL INC | COM | |
| 427096 90 8 | HERCULES CAPITAL INC | CALL | |
| 427096 95 8 | HERCULES CAPITAL INC | PUT | |
| 42722X 10 6 * | HERITAGE FINL CORP WASH | COM | |
| 42722X 90 6 | HERITAGE FINL CORP WASH | CALL | |
| 42722X 95 6 | HERITAGE FINL CORP WASH | PUT | |
| 42726M 10 6 * | HERITAGE CRYSTAL CLEAN INC | COM | |
| 42726M 90 6 | HERITAGE CRYSTAL CLEAN INC | CALL | |
| 42726M 95 6 | HERITAGE CRYSTAL CLEAN INC | PUT | |
| 42727J AB 8 | HERITAGE INS HLDGS INC | NOTE 5.875% 8/0 | |
| 42727J 10 2 * | HERITAGE INS HLDGS INC | COM | |
| 42727J 90 2 | HERITAGE INS HLDGS INC | CALL | |
| 42727J 95 2 | HERITAGE INS HLDGS INC | PUT | |
| 427746 10 2 * | HERON THERAPEUTICS INC | COM | |
| 427746 90 2 | HERON THERAPEUTICS INC | CALL | |
| 427746 95 2 | HERON THERAPEUTICS INC | PUT | |
| 427825 50 0 * | HERSHA HOSPITALITY TR | PR SHS BEN INT | |
| 427825 90 0 | HERSHA HOSPITALITY TR | CALL | |
| 427825 95 0 | HERSHA HOSPITALITY TR | PUT | |
| 427866 10 8 * | HERSHEY CO | COM | |
| 427866 90 8 | HERSHEY CO | CALL | |
| 427866 95 8 | HERSHEY CO | PUT | |
| 42804T 10 6 | HERZFELD CARIBBEAN BASIN FD | COM | |

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|---------------|------------------------------|--------------------|--------|
| 42805E 30 6 | HESKA CORP | COM RESTRC NEW | |
| 42806J 10 6 * | HERTZ GLOBAL HLDGS INC | COM | |
| 42806J 90 6 | HERTZ GLOBAL HLDGS INC | CALL | |
| 42806J 95 6 | HERTZ GLOBAL HLDGS INC | PUT | |
| 42806J 11 4 | HERTZ GLOBAL HLDGS INC | RIGHT 07/12/2019 | ADDED |
| 42809H 10 7 * | HESS CORP | COM | |
| 42809H 90 7 | HESS CORP | CALL | |
| 42809H 95 7 | HESS CORP | PUT | |
| 428104 10 3 * | HESS MIDSTREAM PARTNERS LP | UNIT LTD PR INT | |
| 428104 90 3 | HESS MIDSTREAM PARTNERS LP | CALL | |
| 428104 95 3 | HESS MIDSTREAM PARTNERS LP | PUT | |
| 42824C 10 9 * | HEWLETT PACKARD ENTERPRISE C | COM | |
| 42824C 90 9 | HEWLETT PACKARD ENTERPRISE C | CALL | |
| 42824C 95 9 | HEWLETT PACKARD ENTERPRISE C | PUT | |
| 428291 10 8 * | HEXCEL CORP NEW | COM | |
| 428291 90 8 | HEXCEL CORP NEW | CALL | |
| 428291 95 8 | HEXCEL CORP NEW | PUT | |
| 428295 10 9 | HEXINDAI INC | ADR | |
| 428304 10 9 * | HEXO CORP | COM | |
| 428304 90 9 | HEXO CORP | CALL | |
| 428304 95 9 | HEXO CORP | PUT | |
| 428337 10 9 * | HI CRUSH INC | COM | |
| 428337 90 9 | HI CRUSH INC | CALL | |
| 428337 95 9 | HI CRUSH INC | PUT | |
| 428567 10 1 * | HIBBETT SPORTS INC | COM | |
| 428567 90 1 | HIBBETT SPORTS INC | CALL | |
| 428567 95 1 | HIBBETT SPORTS INC | PUT | |
| 42968F 10 8 | HIGH INCOME SECS FD | SHS BEN INT | |
| 43010E 40 4 | HIGHLAND INCOME FUND | HIGHLAND INCOME | |
| 43010T 10 4 | HIGHLAND GLOBAL ALLOCATION F | COM | |
| 430101 77 4 * | HIGHLAND FDS I | HI LD IBOXX SRLN | |
| 430101 90 4 | HIGHLAND FDS I | CALL | |
| 430101 95 4 | HIGHLAND FDS I | PUT | |
| 43113X 10 1 * | HIGHPOWER INTL INC | COM | |

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|---------------|----------------------------|--------------------|--------|
| 43113X 90 1 | HIGHPOWER INTL INC | CALL | |
| 43113X 95 1 | HIGHPOWER INTL INC | PUT | |
| 43114K 10 8 * | HIGHPOINT RES CORP | COM | |
| 43114K 90 8 | HIGHPOINT RES CORP | CALL | |
| 43114K 95 8 | HIGHPOINT RES CORP | PUT | |
| 431284 10 8 * | HIGHWOODS PPTYS INC | COM | |
| 431284 90 8 | HIGHWOODS PPTYS INC | CALL | |
| 431284 95 8 | HIGHWOODS PPTYS INC | PUT | |
| 431466 10 1 * | HILL INTERNATIONAL INC | COM | |
| 431466 90 1 | HILL INTERNATIONAL INC | CALL | |
| 431466 95 1 | HILL INTERNATIONAL INC | PUT | |
| 431475 10 2 * | HILL ROM HLDGS INC | COM | |
| 431475 90 2 | HILL ROM HLDGS INC | CALL | |
| 431475 95 2 | HILL ROM HLDGS INC | PUT | |
| 431571 10 8 * | HILLENBRAND INC | COM | |
| 431571 90 8 | HILLENBRAND INC | CALL | |
| 431571 95 8 | HILLENBRAND INC | PUT | |
| 432748 10 1 * | HILLTOP HOLDINGS INC | COM | |
| 432748 90 1 | HILLTOP HOLDINGS INC | CALL | |
| 432748 95 1 | HILLTOP HOLDINGS INC | PUT | |
| 43283X 10 5 * | HILTON GRAND VACATIONS INC | COM | |
| 43283X 90 5 | HILTON GRAND VACATIONS INC | CALL | |
| 43283X 95 5 | HILTON GRAND VACATIONS INC | PUT | |
| 43289P 10 6 * | HIMAX TECHNOLOGIES INC | SPONSORED ADR | |
| 43289P 90 6 | HIMAX TECHNOLOGIES INC | CALL | |
| 43289P 95 6 | HIMAX TECHNOLOGIES INC | PUT | |
| 43300A 20 3 * | HILTON WORLDWIDE HLDGS INC | COM | |
| 43300A 90 3 | HILTON WORLDWIDE HLDGS INC | CALL | |
| 43300A 95 3 | HILTON WORLDWIDE HLDGS INC | PUT | |
| 433323 10 2 | HINGHAM INSTN SVGS MASS | COM | |
| 43358V 10 9 | HISTOGENICS CORP | COM | |
| 435763 10 7 * | HOLLY ENERGY PARTNERS L P | COM UT LTD PTN | |
| 435763 90 7 | HOLLY ENERGY PARTNERS L P | CALL | |
| 435763 95 7 | HOLLY ENERGY PARTNERS L P | PUT | |

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|---------------|-----------------------------|--------------------|---------|
| 436106 10 8 * | HOLLYFRONTIER CORP | COM | |
| 436106 90 8 | HOLLYFRONTIER CORP | CALL | |
| 436106 95 8 | HOLLYFRONTIER CORP | PUT | |
| 436440 10 1 * | HOLOGIC INC | COM | |
| 436440 90 1 | HOLOGIC INC | CALL | |
| 436440 95 1 | HOLOGIC INC | PUT | |
| 43689E 10 7 | HOME BANCORP INC | COM | |
| 436893 20 0 * | HOME BANCSHARES INC | COM | |
| 436893 90 0 | HOME BANCSHARES INC | CALL | |
| 436893 95 0 | HOME BANCSHARES INC | PUT | |
| 437076 10 2 * | HOME DEPOT INC | COM | |
| 437076 90 2 | HOME DEPOT INC | CALL | |
| 437076 95 2 | HOME DEPOT INC | PUT | |
| 43708L 10 8 | HOME FED BANCORP INC LA NEW | COM | |
| 43739Q AB 6 | HOMEAWAY INC | NOTE 0.125% 4/0 | DELETED |
| 43785V 10 2 * | HOMESTREET INC | COM | |
| 43785V 90 2 | HOMESTREET INC | CALL | |
| 43785V 95 2 | HOMESTREET INC | PUT | |
| 43787N 10 8 | HOMETOWN BANKSHARES CORP | COM | DELETED |
| 437872 10 4 * | HOMETRUST BANCSHARES INC | COM | |
| 437872 90 4 | HOMETRUST BANCSHARES INC | CALL | |
| 437872 95 4 | HOMETRUST BANCSHARES INC | PUT | |
| 438083 10 7 | HOMOLOGY MEDICINES INC | COM | |
| 438128 30 8 * | HONDA MOTOR LTD | AMERN SHS | |
| 438128 90 8 | HONDA MOTOR LTD | CALL | |
| 438128 95 8 | HONDA MOTOR LTD | PUT | |
| 438516 10 6 * | HONEYWELL INTL INC | COM | |
| 438516 90 6 | HONEYWELL INTL INC | CALL | |
| 438516 95 6 | HONEYWELL INTL INC | PUT | |
| 439038 10 0 * | HOOKER FURNITURE CORP | COM | |
| 439038 90 0 | HOOKER FURNITURE CORP | CALL | |
| 439038 95 0 | HOOKER FURNITURE CORP | PUT | |
| 43906K 10 0 | HOOKIPA PHARMA INC | COM | ADDED |
| 43940T AB 5 | HOPE BANCORP INC | NOTE 2.000% 5/1 | ADDED |

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|---------------|------------------------------|--------------------|--------|
| 43940T 10 9 * | HOPE BANCORP INC | COM | |
| 43940T 90 9 | HOPE BANCORP INC | CALL | |
| 43940T 95 9 | HOPE BANCORP INC | PUT | |
| 439734 10 4 | HOPFED BANCORP INC | COM | |
| 440327 10 4 * | HORACE MANN EDUCATORS CORP N | COM | |
| 440327 90 4 | HORACE MANN EDUCATORS CORP N | CALL | |
| 440327 95 4 | HORACE MANN EDUCATORS CORP N | PUT | |
| 440407 10 4 * | HORIZON BANCORP INC | COM | |
| 440407 90 4 | HORIZON BANCORP INC | CALL | |
| 440407 95 4 | HORIZON BANCORP INC | PUT | |
| 44045A 10 2 * | HORIZON TECHNOLOGY FIN CORP | COM | |
| 44045A 90 2 | HORIZON TECHNOLOGY FIN CORP | CALL | |
| 44045A 95 2 | HORIZON TECHNOLOGY FIN CORP | PUT | |
| 440452 10 0 * | HORMEL FOODS CORP | COM | |
| 440452 90 0 | HORMEL FOODS CORP | CALL | |
| 440452 95 0 | HORMEL FOODS CORP | PUT | |
| 44052T AB 7 | HORIZON PHARMA INVT LTD | NOTE 2.500% 3/1 | |
| 44052W AA 2 | HORIZON GLOBAL CORP | NOTE 2.750% 7/0 | |
| 44052W 10 4 * | HORIZON GLOBAL CORP | COM | |
| 44052W 90 4 | HORIZON GLOBAL CORP | CALL | |
| 44052W 95 4 | HORIZON GLOBAL CORP | PUT | |
| 440543 AN 6 | HORNBECK OFFSHORE SVCS INC N | NOTE 1.500% 9/0 | |
| 440543 10 6 * | HORNBECK OFFSHORE SVCS INC N | COM | |
| 440543 90 6 | HORNBECK OFFSHORE SVCS INC N | CALL | |
| 440543 95 6 | HORNBECK OFFSHORE SVCS INC N | PUT | |
| 44106M 10 2 * | HOSPITALITY PPTYS TR | COM SH BEN INT | |
| 44106M 90 2 | HOSPITALITY PPTYS TR | CALL | |
| 44106M 95 2 | HOSPITALITY PPTYS TR | PUT | |
| 44107P 10 4 * | HOST HOTELS & RESORTS INC | COM | |
| 44107P 90 4 | HOST HOTELS & RESORTS INC | CALL | |
| 44107P 95 4 | HOST HOTELS & RESORTS INC | PUT | |
| 44109J 10 6 * | HOSTESS BRANDS INC | CL A | |
| 44109J 90 6 | HOSTESS BRANDS INC | CALL | |
| 44109J 95 6 | HOSTESS BRANDS INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 44109J 11 4 | HOSTESS BRANDS INC | *W EXP 11/04/202 | |
| 44148G 10 5 | HOTH THERAPEUTICS INC | COM | |
| 44157R 10 9 * | HOUGHTON MIFFLIN HARCOURT CO | COM | |
| 44157R 90 9 | HOUGHTON MIFFLIN HARCOURT CO | CALL | |
| 44157R 95 9 | HOUGHTON MIFFLIN HARCOURT CO | PUT | |
| 441593 10 0 * | HOULIHAN LOKEY INC | CL A | |
| 441593 90 0 | HOULIHAN LOKEY INC | CALL | |
| 441593 95 0 | HOULIHAN LOKEY INC | PUT | |
| 44183U 10 0 * | HOUSTON AMERN ENERGY CORP | COM | |
| 44183U 90 0 | HOUSTON AMERN ENERGY CORP | CALL | |
| 44183U 95 0 | HOUSTON AMERN ENERGY CORP | PUT | |
| 44244K 10 9 * | HOUSTON WIRE & CABLE CO | COM | |
| 44244K 90 9 | HOUSTON WIRE & CABLE CO | CALL | |
| 44244K 95 9 | HOUSTON WIRE & CABLE CO | PUT | |
| 442487 40 1 * | HOVNIANIAN ENTERPRISES INC | CL A NEW | |
| 442487 90 1 | HOVNIANIAN ENTERPRISES INC | CALL | |
| 442487 95 1 | HOVNIANIAN ENTERPRISES INC | PUT | |
| 442496 10 5 | HOWARD BANCORP INC | COM | |
| 44267D 10 7 * | HOWARD HUGHES CORP | COM | |
| 44267D 90 7 | HOWARD HUGHES CORP | CALL | |
| 44267D 95 7 | HOWARD HUGHES CORP | PUT | |
| 443304 10 0 * | HUANENG PWR INTL INC | SPON ADR H SHS | |
| 443304 90 0 | HUANENG PWR INTL INC | CALL | |
| 443304 95 0 | HUANENG PWR INTL INC | PUT | |
| 44331K 10 3 * | HUAMI CORP | SPONSORED ADS | |
| 44331K 90 3 | HUAMI CORP | CALL | |
| 44331K 95 3 | HUAMI CORP | PUT | |
| 44332N 10 6 * | HUAZHU GROUP LTD | SPONSORED ADS | |
| 44332N 90 6 | HUAZHU GROUP LTD | CALL | |
| 44332N 95 6 | HUAZHU GROUP LTD | PUT | |
| 443320 10 6 * | HUB GROUP INC | CL A | |
| 443320 90 6 | HUB GROUP INC | CALL | |
| 443320 95 6 | HUB GROUP INC | PUT | |
| 443510 60 7 * | HUBBELL INC | COM | |

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|-----------------|-----------------------------|---------------------------|---------------|
| 443510 90 7 | HUBBELL INC | CALL | |
| 443510 95 7 | HUBBELL INC | PUT | |
| 443573 AB 6 | HUBSPOT INC | NOTE 0.250% 6/0 | |
| 443573 10 0 * | HUBSPOT INC | COM | |
| 443573 90 0 | HUBSPOT INC | CALL | |
| 443573 95 0 | HUBSPOT INC | PUT | |
| 443628 10 2 * | HUDBAY MINERALS INC | COM | |
| 443628 90 2 | HUDBAY MINERALS INC | CALL | |
| 443628 95 2 | HUDBAY MINERALS INC | PUT | |
| 443787 10 6 * | HUDSON GLOBAL INC | COM | DELETED |
| 443787 90 6 | HUDSON GLOBAL INC | CALL | DELETED |
| 443787 95 6 | HUDSON GLOBAL INC | PUT | DELETED |
| 443787 20 5 | HUDSON GLOBAL INC | COM NEW | ADDED |
| 444097 10 9 * | HUDSON PAC PPTYS INC | COM | |
| 444097 90 9 | HUDSON PAC PPTYS INC | CALL | |
| 444097 95 9 | HUDSON PAC PPTYS INC | PUT | |
| 444144 10 9 * | HUDSON TECHNOLOGIES INC | COM | |
| 444144 90 9 | HUDSON TECHNOLOGIES INC | CALL | |
| 444144 95 9 | HUDSON TECHNOLOGIES INC | PUT | |
| 444859 10 2 * | HUMANA INC | COM | |
| 444859 90 2 | HUMANA INC | CALL | |
| 444859 95 2 | HUMANA INC | PUT | |
| 44558T 10 0 * | HUNT COS FIN TR INC | COM | |
| 44558T 90 0 | HUNT COS FIN TR INC | CALL | |
| 44558T 95 0 | HUNT COS FIN TR INC | PUT | |
| 445658 10 7 * | HUNT J B TRANS SVCS INC | COM | |
| 445658 90 7 | HUNT J B TRANS SVCS INC | CALL | |
| 445658 95 7 | HUNT J B TRANS SVCS INC | PUT | |
| 446150 10 4 * | HUNTINGTON BANCSHARES INC | COM | |
| 446150 90 4 | HUNTINGTON BANCSHARES INC | CALL | |
| 446150 95 4 | HUNTINGTON BANCSHARES INC | PUT | |
| 446413 10 6 * | HUNTINGTON INGALLS INDS INC | COM | |
| 446413 90 6 | HUNTINGTON INGALLS INDS INC | CALL | |
| 446413 95 6 | HUNTINGTON INGALLS INDS INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 447011 10 7 * | HUNTSMAN CORP | COM | |
| 447011 90 7 | HUNTSMAN CORP | CALL | |
| 447011 95 7 | HUNTSMAN CORP | PUT | |
| 447324 10 4 | HURCO COMPANIES INC | COM | |
| 447462 AB 8 | HURON CONSULTING GROUP INC | NOTE 1.250%10/0 | |
| 447462 10 2 * | HURON CONSULTING GROUP INC | COM | |
| 447462 90 2 | HURON CONSULTING GROUP INC | CALL | |
| 447462 95 2 | HURON CONSULTING GROUP INC | PUT | |
| 44842L 10 3 | HUTCHISON CHINA MEDITECH LTD | SPONSORED ADR | |
| 448451 10 4 * | HUTTIG BLDG PRODS INC | COM | |
| 448451 90 4 | HUTTIG BLDG PRODS INC | CALL | |
| 448451 95 4 | HUTTIG BLDG PRODS INC | PUT | |
| 44852D 10 8 * | HUYA INC | ADS REP SHS A | |
| 44852D 90 8 | HUYA INC | CALL | |
| 44852D 95 8 | HUYA INC | PUT | |
| 448579 10 2 * | HYATT HOTELS CORP | COM CL A | |
| 448579 90 2 | HYATT HOTELS CORP | CALL | |
| 448579 95 2 | HYATT HOTELS CORP | PUT | |
| 448883 20 7 * | HYDROGENICS CORP NEW | COM NEW | |
| 448883 90 7 | HYDROGENICS CORP NEW | CALL | |
| 448883 95 7 | HYDROGENICS CORP NEW | PUT | |
| 448947 50 7 * | IDT CORP | CL B NEW | |
| 448947 90 7 | IDT CORP | CALL | |
| 448947 95 7 | IDT CORP | PUT | |
| 44916T 10 7 * | HYRECAR INC | COM | |
| 44916T 90 7 | HYRECAR INC | CALL | |
| 44916T 95 7 | HYRECAR INC | PUT | |
| 449172 10 5 * | HYSTER YALE MATLS HANDLING I | CL A | |
| 449172 90 5 | HYSTER YALE MATLS HANDLING I | CALL | |
| 449172 95 5 | HYSTER YALE MATLS HANDLING I | PUT | |
| 44919P 50 8 * | IAC INTERACTIVECORP | COM | |
| 44919P 90 8 | IAC INTERACTIVECORP | CALL | |
| 44919P 95 8 | IAC INTERACTIVECORP | PUT | |
| 44925C 10 3 * | ICF INTL INC | COM | |

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|---------------|----------------------------|--------------------|--------|
| 44925C 90 3 | ICF INTL INC | CALL | |
| 44925C 95 3 | ICF INTL INC | PUT | |
| 449253 10 3 | IAA INC | COM | ADDED |
| 44930G 10 7 * | ICU MED INC | COM | |
| 44930G 90 7 | ICU MED INC | CALL | |
| 44930G 95 7 | ICU MED INC | PUT | |
| 44931Q 10 4 | ICC HLDGS INC | COM | |
| 44934S 20 6 * | ICAD INC | COM NEW | |
| 44934S 90 6 | ICAD INC | CALL | |
| 44934S 95 6 | ICAD INC | PUT | |
| 449489 10 3 * | I D SYSTEMS INC | COM | |
| 449489 90 3 | I D SYSTEMS INC | CALL | |
| 449489 95 3 | I D SYSTEMS INC | PUT | |
| 44949L 10 5 | IEC ELECTRS CORP NEW | COM | |
| 44951J 10 5 | IF BANCORP INC | COM | |
| 44951W 10 6 | IES HLDGS INC | COM | |
| 449538 10 7 | IFRESH INC | COM | |
| 449575 AB 5 | IGI LABORATORIES INC | NOTE 3.750%12/1 | |
| 44967K 10 4 | IMAC HLDGS INC | COM | |
| 44967K 11 2 | IMAC HLDGS INC | *W EXP 02/12/202 | |
| 44974L 10 3 | IMV INC | COM | |
| 44980X 10 9 * | IPG PHOTONICS CORP | COM | |
| 44980X 90 9 | IPG PHOTONICS CORP | CALL | |
| 44980X 95 9 | IPG PHOTONICS CORP | PUT | |
| 450047 20 4 * | IRSA INVERSIONES Y REP S A | GLOBL DEP RCPT | |
| 450047 90 4 | IRSA INVERSIONES Y REP S A | CALL | |
| 450047 95 4 | IRSA INVERSIONES Y REP S A | PUT | |
| 450056 10 6 * | IRHYTHM TECHNOLOGIES INC | COM | |
| 450056 90 6 | IRHYTHM TECHNOLOGIES INC | CALL | |
| 450056 95 6 | IRHYTHM TECHNOLOGIES INC | PUT | |
| 45031U CB 5 | ISTAR INC | NOTE 3.125% 9/1 | |
| 45031U 10 1 * | ISTAR INC | COM | |
| 45031U 90 1 | ISTAR INC | CALL | |
| 45031U 95 1 | ISTAR INC | PUT | |

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| 45033E 10 5 | ITAU CORPBANCA | SPONSORED ADR | |
| 45073V 10 8 * | ITT INC | COM | |
| 45073V 90 8 | ITT INC | CALL | |
| 45073V 95 8 | ITT INC | PUT | |
| 450828 10 8 * | IBERIABANK CORP | COM | |
| 450828 90 8 | IBERIABANK CORP | CALL | |
| 450828 95 8 | IBERIABANK CORP | PUT | |
| 450913 10 8 * | IAMGOLD CORP | COM | |
| 450913 90 8 | IAMGOLD CORP | CALL | |
| 450913 95 8 | IAMGOLD CORP | PUT | |
| 451033 20 3 | IBIO INC | COM NEW | |
| 45104G 10 4 * | ICICI BK LTD | ADR | |
| 45104G 90 4 | ICICI BK LTD | CALL | |
| 45104G 95 4 | ICICI BK LTD | PUT | |
| 451055 AG 2 | ICONIX BRAND GROUP INC | NOTE 5.750% 8/1 | |
| 451055 30 5 * | ICONIX BRAND GROUP INC | COM NEW | |
| 451055 90 5 | ICONIX BRAND GROUP INC | CALL | |
| 451055 95 5 | ICONIX BRAND GROUP INC | PUT | |
| 451100 10 1 * | ICAHN ENTERPRISES LP | DEPOSITARY UNIT | |
| 451100 90 1 | ICAHN ENTERPRISES LP | CALL | |
| 451100 95 1 | ICAHN ENTERPRISES LP | PUT | |
| 451107 10 6 * | IDACORP INC | COM | |
| 451107 90 6 | IDACORP INC | CALL | |
| 451107 95 6 | IDACORP INC | PUT | |
| 45113Y 10 4 * | ICLICK INTRACTIVE ASIA GRP LT | SPONSORED ADR | |
| 45113Y 90 4 | ICLICK INTRACTIVE ASIA GRP LT | CALL | |
| 45113Y 95 4 | ICLICK INTRACTIVE ASIA GRP LT | PUT | |
| 451622 10 4 | IDEAL PWR INC | COM | |
| 45166A 10 2 | IDEAYA BIOSCIENCES INC | COM | ADDED |
| 45166V 10 6 * | IDEANOMICS INC | COM | |
| 45166V 90 6 | IDEANOMICS INC | CALL | |
| 45166V 95 6 | IDEANOMICS INC | PUT | |
| 45167R 10 4 * | IDEX CORP | COM | |
| 45167R 90 4 | IDEX CORP | CALL | |

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| 45167R 95 4 | IDEX CORP | PUT | |
| 45168D 10 4 * | IDEXX LABS INC | COM | |
| 45168D 90 4 | IDEXX LABS INC | CALL | |
| 45168D 95 4 | IDEXX LABS INC | PUT | |
| 45168K 40 5 * | IDERA PHARMACEUTICALS INC | COM PAR | |
| 45168K 90 5 | IDERA PHARMACEUTICALS INC | CALL | |
| 45168K 95 5 | IDERA PHARMACEUTICALS INC | PUT | |
| 45170X 20 5 * | IDENTIV INC | COM NEW | |
| 45170X 90 5 | IDENTIV INC | CALL | |
| 45170X 95 5 | IDENTIV INC | PUT | |
| 45172K 10 2 | IKONICS CORP | COM | |
| 452308 10 9 * | ILLINOIS TOOL WKS INC | COM | |
| 452308 90 9 | ILLINOIS TOOL WKS INC | CALL | |
| 452308 95 9 | ILLINOIS TOOL WKS INC | PUT | |
| 452327 AF 6 | ILLUMINA INC | NOTE 6/1 | DELETED |
| 452327 AH 2 | ILLUMINA INC | NOTE 0.500% 6/1 | |
| 452327 10 9 * | ILLUMINA INC | COM | |
| 452327 90 9 | ILLUMINA INC | CALL | |
| 452327 95 9 | ILLUMINA INC | PUT | |
| 45244C 10 4 | IMAGE SENSING SYS INC | COM | |
| 45245E 10 9 * | IMAX CORP | COM | |
| 45245E 90 9 | IMAX CORP | CALL | |
| 45245E 95 9 | IMAX CORP | PUT | |
| 4525EP 10 1 * | IMMUNIC INC | COM | ADDED |
| 4525EP 90 1 | IMMUNIC INC | CALL | ADDED |
| 4525EP 95 1 | IMMUNIC INC | PUT | ADDED |
| 45252L 10 3 * | IMMUNE DESIGN CORP | COM | DELETED |
| 45252L 90 3 | IMMUNE DESIGN CORP | CALL | DELETED |
| 45252L 95 3 | IMMUNE DESIGN CORP | PUT | DELETED |
| 452521 10 7 * | IMMERSION CORP | COM | |
| 452521 90 7 | IMMERSION CORP | CALL | |
| 452521 95 7 | IMMERSION CORP | PUT | |
| 452525 30 6 | IMMUCELL CORP | COM PAR | |
| 45253H AB 7 | IMMUNOGEN INC | NOTE 4.500% 7/0 | |

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| 45253H 10 1 * | IMMUNOGEN INC | COM | |
| 45253H 90 1 | IMMUNOGEN INC | CALL | |
| 45253H 95 1 | IMMUNOGEN INC | PUT | |
| 45254P 50 8 * | IMPAC MTG HLDGS INC | COM NEW | |
| 45254P 90 8 | IMPAC MTG HLDGS INC | CALL | |
| 45254P 95 8 | IMPAC MTG HLDGS INC | PUT | |
| 45254U 10 1 | IMMURON LTD | SPONSORED ADR | |
| 45256B AE 1 | IMPAX LABORATORIES INC | NOTE 2.000% 6/1 | |
| 45257L 10 8 | IMMUTEP LTD | SPONSORED ADR | |
| 45259A 10 0 | IMPACT SHS FDS I TR | YWCA WOMENS ETF | |
| 45259A 20 9 | IMPACT SHS FDS I TR | NAACP MINO ETF | |
| 45259A 30 8 | IMPACT SHS FDS I TR | SUS DV GGE ETF | |
| 452907 AK 4 | IMMUNOMEDICS INC | NOTE 4.750% 2/1 | |
| 452907 10 8 * | IMMUNOMEDICS INC | COM | |
| 452907 90 8 | IMMUNOMEDICS INC | CALL | |
| 452907 95 8 | IMMUNOMEDICS INC | PUT | |
| 452926 10 8 | INCOME OPPORTUNITY RLTY INVS | COM | |
| 453038 40 8 * | IMPERIAL OIL LTD | COM NEW | |
| 453038 90 8 | IMPERIAL OIL LTD | CALL | |
| 453038 95 8 | IMPERIAL OIL LTD | PUT | |
| 453204 10 9 * | IMPINJ INC | COM | |
| 453204 90 9 | IMPINJ INC | CALL | |
| 453204 95 9 | IMPINJ INC | PUT | |
| 45337C AN 2 | INCYTE CORP | NOTE 1.250%11/1 | |
| 45337C 10 2 * | INCYTE CORP | COM | |
| 45337C 90 2 | INCYTE CORP | CALL | |
| 45337C 95 2 | INCYTE CORP | PUT | |
| 453415 30 9 * | INDEPENDENCE CONTRACT DRIL I | COM | |
| 453415 90 9 | INDEPENDENCE CONTRACT DRIL I | CALL | |
| 453415 95 9 | INDEPENDENCE CONTRACT DRIL I | PUT | |
| 453440 30 7 | INDEPENDENCE HLDG CO NEW | COM NEW | |
| 45378A 10 6 * | INDEPENDENCE RLTY TR INC | COM | |
| 45378A 90 6 | INDEPENDENCE RLTY TR INC | CALL | |
| 45378A 95 6 | INDEPENDENCE RLTY TR INC | PUT | |

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| 453836 10 8 * | INDEPENDENT BANK CORP MASS | COM | |
| 453836 90 8 | INDEPENDENT BANK CORP MASS | CALL | |
| 453836 95 8 | INDEPENDENT BANK CORP MASS | PUT | |
| 453838 60 9 * | INDEPENDENT BANK CORP MICH | COM NEW | |
| 453838 90 9 | INDEPENDENT BANK CORP MICH | CALL | |
| 453838 95 9 | INDEPENDENT BANK CORP MICH | PUT | |
| 45384B 10 6 * | INDEPENDENT BK GROUP INC | COM | |
| 45384B 90 6 | INDEPENDENT BK GROUP INC | CALL | |
| 45384B 95 6 | INDEPENDENT BK GROUP INC | PUT | |
| 45408X 30 8 * | INDIA GLOBALIZATION CAP INC | COM NEW | |
| 45408X 90 8 | INDIA GLOBALIZATION CAP INC | CALL | |
| 45408X 95 8 | INDIA GLOBALIZATION CAP INC | PUT | |
| 454089 10 3 * | INDIA FD INC | COM | |
| 454089 90 3 | INDIA FD INC | CALL | |
| 454089 95 3 | INDIA FD INC | PUT | |
| 45409B 10 7 | INDEXIQ ETF TR | HEDGE MLTI ETF | |
| 45409B 20 6 | INDEXIQ ETF TR | HDG MACTRK ETF | |
| 45409B 30 5 | INDEXIQ ETF TR | LNG SHT TRACK | |
| 45409B 33 9 | INDEXIQ ETF TR | IQ SHORT DURAT | |
| 45409B 36 2 | INDEXIQ ETF TR | IQ 500 INT ETF | |
| 45409B 38 8 | INDEXIQ ETF TR | IQ CHAIKIN US | |
| 45409B 39 6 | INDEXIQ ETF TR | IQ CHAIKIN US | |
| 45409B 40 4 | INDEXIQ ETF TR | HDG EVE DRIV | |
| 45409B 41 2 | INDEXIQ ETF TR | IQ S&P HGH YLD | |
| 45409B 47 9 | INDEXIQ ETF TR | IQ ENCH COR PL | |
| 45409B 48 7 | INDEXIQ ETF TR | IQ ENCH BD US | |
| 45409B 50 3 | INDEXIQ ETF TR | IQ HEDGMKT NUT | |
| 45409B 51 1 | INDEXIQ ETF TR | IQ LEADERS GTA | |
| 45409B 53 7 | INDEXIQ ETF TR | HDGD FTSE JAPN | |
| 45409B 55 2 | INDEXIQ ETF TR | HDGD FTSE EURO | |
| 45409B 56 0 | INDEXIQ ETF TR | HDGD FTSE INTL | |
| 45409B 60 2 | INDEXIQ ETF TR | IQ REAL RTN ETF | |
| 45409B 62 8 | INDEXIQ ETF TR | US RL EST SMCP | |
| 45409B 80 0 | INDEXIQ ETF TR | IQ MRGR ARB ETF | |

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| 45409B 83 4 * | INDEXIQ ETF TR | GLB AGRI SM CP | |
| 45409B 90 4 | INDEXIQ ETF TR | CALL | |
| 45409B 95 4 | INDEXIQ ETF TR | PUT | |
| 45409B 88 3 | INDEXIQ ETF TR | IQ GLB RES ETF | |
| 45409F 82 7 | INDEXIQ ACTIVE ETF TR | IQ MACKAY INTRME | |
| 45409F 84 3 | INDEXIQ ACTIVE ETF TR | IQ MACKAY INSRED | |
| 456237 10 6 * | INDUSTRIAL LOGISTICS PPTYS T | COM SHS BEN INT | |
| 456237 90 6 | INDUSTRIAL LOGISTICS PPTYS T | CALL | |
| 456237 95 6 | INDUSTRIAL LOGISTICS PPTYS T | PUT | |
| 456314 10 3 | INDUSTRIAL SVCS AMER INC FLA | COM | |
| 456463 10 8 | INDUSTRIAS BACHOCO S A B DE | SPON ADR B | |
| 45665G 30 3 * | INFINITY PHARMACEUTICALS INC | COM | |
| 45665G 90 3 | INFINITY PHARMACEUTICALS INC | CALL | |
| 45665G 95 3 | INFINITY PHARMACEUTICALS INC | PUT | |
| 45667G AC 7 | INFINERA CORPORATION | NOTE 2.125% 9/0 | |
| 45667G 10 3 * | INFINERA CORPORATION | COM | |
| 45667G 90 3 | INFINERA CORPORATION | CALL | |
| 45667G 95 3 | INFINERA CORPORATION | PUT | |
| 45675Y 10 4 | INFORMATION SERVICES GROUP I | COM | |
| 456788 10 8 * | INFOSYS LTD | SPONSORED ADR | |
| 456788 90 8 | INFOSYS LTD | CALL | |
| 456788 95 8 | INFOSYS LTD | PUT | |
| 456837 10 3 * | ING GROEP N V | SPONSORED ADR | |
| 456837 90 3 | ING GROEP N V | CALL | |
| 456837 95 3 | ING GROEP N V | PUT | |
| 45685K 10 2 | INFUSYSTEM HLDGS INC | COM | |
| 45685L 10 0 * | INFRAREIT INC | COM | DELETED |
| 45685L 90 0 | INFRAREIT INC | CALL | DELETED |
| 45685L 95 0 | INFRAREIT INC | PUT | DELETED |
| 45686J 10 4 | INFRA AND ENERGY ALTRNTIVE I | COM | |
| 45686J 11 2 | INFRA AND ENERGY ALTRNTIVE I | *W EXP 05/20/202 | |
| 45688C 10 7 * | INGEVITY CORP | COM | |
| 45688C 90 7 | INGEVITY CORP | CALL | |
| 45688C 95 7 | INGEVITY CORP | PUT | |

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| 457030 10 4 * | INGLES MKTS INC | CL A | |
| 457030 90 4 | INGLES MKTS INC | CALL | |
| 457030 95 4 | INGLES MKTS INC | PUT | |
| 457187 10 2 * | INGREDION INC | COM | |
| 457187 90 2 | INGREDION INC | CALL | |
| 457187 95 2 | INGREDION INC | PUT | |
| 457642 20 5 * | INNODATA INC | COM NEW | |
| 457642 90 5 | INNODATA INC | CALL | |
| 457642 95 5 | INNODATA INC | PUT | |
| 45765U 10 3 * | INSIGHT ENTERPRISES INC | COM | |
| 45765U 90 3 | INSIGHT ENTERPRISES INC | CALL | |
| 45765U 95 3 | INSIGHT ENTERPRISES INC | PUT | |
| 45765Y 10 5 * | INSIGNIA SYS INC | COM | |
| 45765Y 90 5 | INSIGNIA SYS INC | CALL | |
| 45765Y 95 5 | INSIGNIA SYS INC | PUT | |
| 457669 AA 7 | INSMED INC | NOTE 1.750% 1/1 | |
| 457669 30 7 * | INSMED INC | COM PAR \$.01 | |
| 457669 90 7 | INSMED INC | CALL | |
| 457669 95 7 | INSMED INC | PUT | |
| 45768S 10 5 * | INNOSPEC INC | COM | |
| 45768S 90 5 | INNOSPEC INC | CALL | |
| 45768S 95 5 | INNOSPEC INC | PUT | |
| 45769N 10 5 * | INNOVATIVE SOLUTIONS & SUPPO | COM | |
| 45769N 90 5 | INNOVATIVE SOLUTIONS & SUPPO | CALL | |
| 45769N 95 5 | INNOVATIVE SOLUTIONS & SUPPO | PUT | |
| 45772F AB 3 | INPHI CORP | NOTE 1.125%12/0 | |
| 45772F AC 1 | INPHI CORP | NOTE 0.750% 9/0 | |
| 45772F 10 7 * | INPHI CORP | COM | |
| 45772F 90 7 | INPHI CORP | CALL | |
| 45772F 95 7 | INPHI CORP | PUT | |
| 45773H 20 1 * | INOVIO PHARMACEUTICALS INC | COM NEW | |
| 45773H 90 1 | INOVIO PHARMACEUTICALS INC | CALL | |
| 45773H 95 1 | INOVIO PHARMACEUTICALS INC | PUT | |
| 45773Y 10 5 * | INNERWORKINGS INC | COM | |

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| 45773Y 90 5 | INNERWORKINGS INC | CALL | |
| 45773Y 95 5 | INNERWORKINGS INC | PUT | |
| 457730 10 9 * | INSPIRE MED SYS INC | COM | |
| 457730 90 9 | INSPIRE MED SYS INC | CALL | |
| 457730 95 9 | INSPIRE MED SYS INC | PUT | |
| 45774N 10 8 * | INNOPHOS HOLDINGS INC | COM | |
| 45774N 90 8 | INNOPHOS HOLDINGS INC | CALL | |
| 45774N 95 8 | INNOPHOS HOLDINGS INC | PUT | |
| 45774W 10 8 * | INSTEEL INDUSTRIES INC | COM | |
| 45774W 90 8 | INSTEEL INDUSTRIES INC | CALL | |
| 45774W 95 8 | INSTEEL INDUSTRIES INC | PUT | |
| 45778Q 10 7 * | INSPERITY INC | COM | |
| 45778Q 90 7 | INSPERITY INC | CALL | |
| 45778Q 95 7 | INSPERITY INC | PUT | |
| 45779A 12 7 | INSPIREMD INC | *W EXP 07/07/202 | |
| 45779A 13 5 | INSPIREMD INC | *W EXP 03/14/202 | |
| 45779A 85 3 | INSPIREMD INC | COM | ADDED |
| 45779A 86 1 | INSPIREMD INC | COM PAR | DELETED |
| 45780L 10 4 * | INOGEN INC | COM | |
| 45780L 90 4 | INOGEN INC | CALL | |
| 45780L 95 4 | INOGEN INC | PUT | |
| 45780R 10 1 * | INSTALLED BLDG PRODS INC | COM | |
| 45780R 90 1 | INSTALLED BLDG PRODS INC | CALL | |
| 45780R 95 1 | INSTALLED BLDG PRODS INC | PUT | |
| 45780V AB 8 | INOTEK PHARMACEUTICALS CORP | NOTE 5.750% 8/0 | |
| 45781D 10 1 * | INOVALON HLDGS INC | COM CL A | |
| 45781D 90 1 | INOVALON HLDGS INC | CALL | |
| 45781D 95 1 | INOVALON HLDGS INC | PUT | |
| 45781M AB 7 | INNOVIVA INC | NOTE 2.500% 8/1 | |
| 45781M 10 1 * | INNOVIVA INC | COM | |
| 45781M 90 1 | INNOVIVA INC | CALL | |
| 45781M 95 1 | INNOVIVA INC | PUT | |
| 45781U 10 3 * | INSTRUCTURE INC | COM | |
| 45781U 90 3 | INSTRUCTURE INC | CALL | |

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| 45781U 95 3 | INSTRUCTURE INC | PUT | |
| 45781V 10 1 * | INNOVATIVE INDL PPTYS INC | COM | |
| 45781V 90 1 | INNOVATIVE INDL PPTYS INC | CALL | |
| 45781V 95 1 | INNOVATIVE INDL PPTYS INC | PUT | |
| 45781W 10 9 | INSIGHT SELECT INCOME FD | COM | |
| 45782B AA 2 | INSEEGO CORP | NOTE 5.500% 6/1 | |
| 45782B 10 4 * | INSEEGO CORP | COM | |
| 45782B 90 4 | INSEEGO CORP | CALL | |
| 45782B 95 4 | INSEEGO CORP | PUT | |
| 45782C 10 2 * | INNOVATOR ETFS TR | IBD 50 ETF | |
| 45782C 90 2 | INNOVATOR ETFS TR | CALL | |
| 45782C 95 2 | INNOVATOR ETFS TR | PUT | |
| 45782C 20 1 | INNOVATOR ETFS TR | IBD ETF LEADERS | |
| 45782C 30 0 | INNOVATOR ETFS TR | S&P 500 ULTRA | |
| 45782C 40 9 | INNOVATOR ETFS TR | S&P 500 BUFFER | |
| 45782C 50 8 | INNOVATOR ETFS TR | S&P 500 POWER | |
| 45782C 73 0 | INNOVATOR ETFS TR | S&P 500 ULTRA | ADDED |
| 45782C 74 8 | INNOVATOR ETFS TR | S&P 500 PWR BU | ADDED |
| 45782C 75 5 | INNOVATOR ETFS TR | S&P 500 BUFFER | ADDED |
| 45782C 76 3 | INNOVATOR ETFS TR | IBD BREAKOUT | |
| 45782C 77 1 | INNOVATOR ETFS TR | S&P 500 BUFETF | |
| 45782C 78 9 | INNOVATOR ETFS TR | S&P 500 BUFFER | |
| 45782C 79 7 | INNOVATOR ETFS TR | S&P 500 PWRETF | |
| 45782C 80 5 | INNOVATOR ETFS TR | S&P 500 ULTRA | ADDED |
| 45782C 81 3 | INNOVATOR ETFS TR | S&P 500 PWR | |
| 45782C 82 1 | INNOVATOR ETFS TR | S&P 500 ULTRA | |
| 45782C 83 9 | INNOVATOR ETFS TR | S&P 500 ULTRA | |
| 45782C 86 2 | INNOVATOR ETFS TR | LOUP FRONTIER | |
| 45782C 87 0 | INNOVATOR ETFS TR | S&P 500 PWR BU | ADDED |
| 45782C 88 8 | INNOVATOR ETFS TR | S&P 500 BUFFER | ADDED |
| 45782F 10 5 * | INNOVATE BIOPHARMACEUTICLS I | COM PAR | |
| 45782F 90 5 | INNOVATE BIOPHARMACEUTICLS I | CALL | |
| 45782F 95 5 | INNOVATE BIOPHARMACEUTICLS I | PUT | |
| 45782N 10 8 | INSPIRED ENTMT INC | COM | |

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|---------------|------------------------------|--------------------|---------|
| 45782T 10 5 | INMUNE BIO INC | COM | |
| 45783G 10 2 | INNOVATOR ETFS TR II | LUNT LOW VOL HIG | |
| 45783G 20 1 | INNOVATOR ETFS TR II | S&P INVSTMNT GRD | |
| 45784P AF 8 | INSULET CORP | NOTE 1.250% 9/1 | |
| 45784P AH 4 | INSULET CORP | NOTE 1.375%11/1 | ADDED |
| 45784P 10 1 * | INSULET CORP | COM | |
| 45784P 90 1 | INSULET CORP | CALL | |
| 45784P 95 1 | INSULET CORP | PUT | |
| 457867 10 9 | INSURANCE ACQUISITION CORP | CL A | ADDED |
| 457867 11 7 | INSURANCE ACQUISITION CORP | *W EXP 03/31/202 | ADDED |
| 457867 30 7 | INSURANCE ACQUISITION CORP | UNIT 03/31/2024 | |
| 45790J 50 3 | INPIXON | COM | |
| 457919 10 8 | INNSUITES HOSPITALITY TR | SH BEN INT | |
| 457985 20 8 * | INTEGRA LIFESCIENCES HLDGS C | COM NEW | |
| 457985 90 8 | INTEGRA LIFESCIENCES HLDGS C | CALL | |
| 457985 95 8 | INTEGRA LIFESCIENCES HLDGS C | PUT | |
| 458118 AC 0 | INTEGRATED DEVICE TECHNOLOGY | NOTE 0.875%11/1 | DELETED |
| 458118 10 6 * | INTEGRATED DEVICE TECHNOLOGY | COM | DELETED |
| 458118 90 6 | INTEGRATED DEVICE TECHNOLOGY | CALL | DELETED |
| 458118 95 6 | INTEGRATED DEVICE TECHNOLOGY | PUT | DELETED |
| 458140 10 0 * | INTEL CORP | COM | |
| 458140 90 0 | INTEL CORP | CALL | |
| 458140 95 0 | INTEL CORP | PUT | |
| 45816D 10 0 | INTELLIGENT SYS CORP NEW | COM | |
| 45817G 20 1 * | INTELLICHECK INC | COM NEW | |
| 45817G 90 1 | INTELLICHECK INC | CALL | |
| 45817G 95 1 | INTELLICHECK INC | PUT | |
| 45824V 20 9 * | INSYS THERAPEUTICS INC NEW | COM NEW | DELETED |
| 45824V 90 9 | INSYS THERAPEUTICS INC NEW | CALL | DELETED |
| 45824V 95 9 | INSYS THERAPEUTICS INC NEW | PUT | DELETED |
| 45826H 10 9 * | INTEGER HLDGS CORP | COM | |
| 45826H 90 9 | INTEGER HLDGS CORP | CALL | |
| 45826H 95 9 | INTEGER HLDGS CORP | PUT | |
| 45826J 10 5 * | INTELLIA THERAPEUTICS INC | COM | |

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| 45826J 90 5 | INTELLIA THERAPEUTICS INC | CALL | |
| 45826J 95 5 | INTELLIA THERAPEUTICS INC | PUT | |
| 458334 10 9 * | INTER PARFUMS INC | COM | |
| 458334 90 9 | INTER PARFUMS INC | CALL | |
| 458334 95 9 | INTER PARFUMS INC | PUT | |
| 45841N 10 7 * | INTERACTIVE BROKERS GROUP IN | COM CL A | |
| 45841N 90 7 | INTERACTIVE BROKERS GROUP IN | CALL | |
| 45841N 95 7 | INTERACTIVE BROKERS GROUP IN | PUT | |
| 45845P AA 6 | INTERCEPT PHARMACEUTICALS IN | NOTE 3.250% 7/0 | |
| 45845P AB 4 | INTERCEPT PHARMACEUTICALS IN | NOTE 2.000% 5/1 | ADDED |
| 45845P 10 8 * | INTERCEPT PHARMACEUTICALS IN | COM | |
| 45845P 90 8 | INTERCEPT PHARMACEUTICALS IN | CALL | |
| 45845P 95 8 | INTERCEPT PHARMACEUTICALS IN | PUT | |
| 45857P 80 6 * | INTERCONTINENTAL HOTELS GROU | SPONSORED ADS | |
| 45857P 90 6 | INTERCONTINENTAL HOTELS GROU | CALL | |
| 45857P 95 6 | INTERCONTINENTAL HOTELS GROU | PUT | |
| 45866F 10 4 * | INTERCONTINENTAL EXCHANGE IN | COM | |
| 45866F 90 4 | INTERCONTINENTAL EXCHANGE IN | CALL | |
| 45866F 95 4 | INTERCONTINENTAL EXCHANGE IN | PUT | |
| 458660 AD 9 | INTERDIGITAL INC | NOTE 1.500% 3/0 | |
| 458665 30 4 * | INTERFACE INC | COM | |
| 458665 90 4 | INTERFACE INC | CALL | |
| 458665 95 4 | INTERFACE INC | PUT | |
| 45867G 10 1 * | INTERDIGITAL INC | COM | |
| 45867G 90 1 | INTERDIGITAL INC | CALL | |
| 45867G 95 1 | INTERDIGITAL INC | PUT | |
| 458685 10 4 | INTERGROUP CORP | COM | |
| 45882D 10 9 | INTERMOLECULAR INC | COM | |
| 45885A 40 9 * | INTERNAP CORP | COM PAR | |
| 45885A 90 9 | INTERNAP CORP | CALL | |
| 45885A 95 9 | INTERNAP CORP | PUT | |
| 459044 10 3 * | INTERNATIONAL BANCSHARES COR | COM | |
| 459044 90 3 | INTERNATIONAL BANCSHARES COR | CALL | |
| 459044 95 3 | INTERNATIONAL BANCSHARES COR | PUT | |

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| 459200 10 1 * | INTERNATIONAL BUSINESS MACHS | COM | |
| 459200 90 1 | INTERNATIONAL BUSINESS MACHS | CALL | |
| 459200 95 1 | INTERNATIONAL BUSINESS MACHS | PUT | |
| 459506 10 1 * | INTERNATIONAL FLAVORS&FRAGRA | COM | |
| 459506 90 1 | INTERNATIONAL FLAVORS&FRAGRA | CALL | |
| 459506 95 1 | INTERNATIONAL FLAVORS&FRAGRA | PUT | |
| 459506 30 9 | INTERNATIONAL FLAVORS&FRAGRA | UNIT 09/15/2021 | |
| 46005L 10 1 | INTERNATIONAL MNY EXPRESS IN | COM | |
| 460146 10 3 * | INTL PAPER CO | COM | |
| 460146 90 3 | INTL PAPER CO | CALL | |
| 460146 95 3 | INTL PAPER CO | PUT | |
| 460335 20 1 * | INTERNATIONAL SPEEDWAY CORP | CL A | |
| 460335 90 1 | INTERNATIONAL SPEEDWAY CORP | CALL | |
| 460335 95 1 | INTERNATIONAL SPEEDWAY CORP | PUT | |
| 46050R 10 2 * | INTERNATIONAL TOWER HILL MIN | COM | |
| 46050R 90 2 | INTERNATIONAL TOWER HILL MIN | CALL | |
| 46050R 95 2 | INTERNATIONAL TOWER HILL MIN | PUT | |
| 46059T 10 9 * | INTERNET INITIATIVE JAPAN IN | SPONSORED ADR | DELETED |
| 46059T 90 9 | INTERNET INITIATIVE JAPAN IN | CALL | DELETED |
| 46059T 95 9 | INTERNET INITIATIVE JAPAN IN | PUT | DELETED |
| 46062X 20 4 | INTERPACE DIAGNOSTICS GROUP | COM NEW | |
| 460690 10 0 * | INTERPUBLIC GROUP COS INC | COM | |
| 460690 90 0 | INTERPUBLIC GROUP COS INC | CALL | |
| 460690 95 0 | INTERPUBLIC GROUP COS INC | PUT | |
| 46071F 10 3 * | INTERSECT ENT INC | COM | |
| 46071F 90 3 | INTERSECT ENT INC | CALL | |
| 46071F 95 3 | INTERSECT ENT INC | PUT | |
| 46090A 10 1 | INVESCO ACTIVELY MANAGD ETF | ACTIVE US REAL | |
| 46090A 20 0 | INVESCO ACTIVELY MANAGD ETF | BLNCD MLTI AST | |
| 46090A 30 9 | INVESCO ACTIVELY MANAGD ETF | CNSRTV MLT AST | |
| 46090A 40 8 | INVESCO ACTIVELY MANAGD ETF | GWT MLTI ASST | |
| 46090A 50 7 | INVESCO ACTIVELY MANAGD ETF | MDRTLY CNSRTIV | |
| 46090A 70 5 * | INVESCO ACTIVELY MANAGD ETF | S&P500 DOWNSID | |
| 46090A 90 5 | INVESCO ACTIVELY MANAGD ETF | CALL | |

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| 46090A 95 5 | INVESCO ACTIVELY MANAGD ETF | PUT | |
| 46090A 80 4 | INVESCO ACTIVELY MANAGD ETF | TOTAL RETURN | |
| 46090A 87 9 | INVESCO ACTIVELY MANAGD ETF | VAR RATE INVT | |
| 46090A 88 7 | INVESCO ACTIVELY MANAGD ETF | ULTRA SHRT DUR | |
| 46090C 10 7 | INVESCO BLDRS INDEX FDS TR | ASIA 50ADR IDX | |
| 46090C 20 6 | INVESCO BLDRS INDEX FDS TR | DEVLDP MKTS100 | |
| 46090C 30 5 | INVESCO BLDRS INDEX FDS TR | EMGRING MKTS50 | |
| 46090C 40 4 | INVESCO BLDRS INDEX FDS TR | EUROPE 100 ADR | |
| 46090E 10 3 * | INVESCO QQQ TR | UNIT SER 1 | |
| 46090E 90 3 | INVESCO QQQ TR | CALL | |
| 46090E 95 3 | INVESCO QQQ TR | PUT | |
| 46090F 10 0 * | INVESCO ACTIVELY MANAGD ETF | OPTIMUM YIELD | |
| 46090F 90 0 | INVESCO ACTIVELY MANAGD ETF | CALL | |
| 46090F 95 0 | INVESCO ACTIVELY MANAGD ETF | PUT | |
| 46090N 10 3 * | INVESCO CURNCYSHS AUSTRLA DL | AUSTRALIAN DOL | |
| 46090N 90 3 | INVESCO CURNCYSHS AUSTRLA DL | CALL | |
| 46090N 95 3 | INVESCO CURNCYSHS AUSTRLA DL | PUT | |
| 461147 10 0 | INTEST CORP | COM | |
| 461148 10 8 * | INTEVAC INC | COM | |
| 461148 90 8 | INTEVAC INC | CALL | |
| 461148 95 8 | INTEVAC INC | PUT | |
| 46116V 10 5 * | INTL FCSTONE INC | COM | |
| 46116V 90 5 | INTL FCSTONE INC | CALL | |
| 46116V 95 5 | INTL FCSTONE INC | PUT | |
| 46116X 10 1 * | INTRA CELLULAR THERAPIES INC | COM | |
| 46116X 90 1 | INTRA CELLULAR THERAPIES INC | CALL | |
| 46116X 95 1 | INTRA CELLULAR THERAPIES INC | PUT | |
| 46120E 60 2 * | INTUITIVE SURGICAL INC | COM NEW | |
| 46120E 90 2 | INTUITIVE SURGICAL INC | CALL | |
| 46120E 95 2 | INTUITIVE SURGICAL INC | PUT | |
| 461202 10 3 * | INTUIT | COM | |
| 461202 90 3 | INTUIT | CALL | |
| 461202 95 3 | INTUIT | PUT | |
| 461203 AF 8 | INVACARE CORP | NOTE 5.000% 2/1 | |

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| 461203 AH 4 | INVACARE CORP | NOTE 4.500% 6/0 | |
| 461203 10 1 * | INVACARE CORP | COM | |
| 461203 90 1 | INVACARE CORP | CALL | |
| 461203 95 1 | INVACARE CORP | PUT | |
| 46121H 10 9 * | INTRICON CORP | COM | |
| 46121H 90 9 | INTRICON CORP | CALL | |
| 46121H 95 9 | INTRICON CORP | PUT | |
| 46121Y 10 2 * | INTREPID POTASH INC | COM | |
| 46121Y 90 2 | INTREPID POTASH INC | CALL | |
| 46121Y 95 2 | INTREPID POTASH INC | PUT | |
| 46122I AA 4 | INTREXON CORPORATION | NOTE 3.500% 7/0 | DELETED |
| 46122T AA 0 | INTREXON CORP | NOTE 3.500% 7/0 | |
| 46122T 10 2 * | INTREXON CORP | COM | |
| 46122T 90 2 | INTREXON CORP | CALL | |
| 46122T 95 2 | INTREXON CORP | PUT | |
| 46122W 20 4 | INUVO INC | COM NEW | |
| 46131B 10 0 * | INVESCO MORTGAGE CAPITAL INC | COM | |
| 46131B 90 0 | INVESCO MORTGAGE CAPITAL INC | CALL | |
| 46131B 95 0 | INVESCO MORTGAGE CAPITAL INC | PUT | |
| 46131F 10 1 | INVESCO HIGH INCOME TR II | COM | |
| 46131H 10 7 | INVESCO SR INCOME TR | COM | |
| 46131J 10 3 | INVESCO MUN TR | COM | |
| 46131M 10 6 | INVESCO TR INVT GRADE MUNS | COM | |
| 46131T 10 1 | INVESCO TR INVT GRADE NY MUN | COM | |
| 46132C 10 7 | INVESCO MUN OPPORTUNITY TR | COM | |
| 46132E 10 3 | INVESCO ADVANTAGE MUNICIPAL | SH BEN INT | |
| 46132H 10 6 | INVESCO CALIF VALUE MUN INC | COM | |
| 46132K 10 9 | INVESCO PA VALUE MUN INCOME | COM | |
| 46132L 10 7 | INVESCO BD FD | COM | |
| 46132P 10 8 | INVESCO VALUE MUN INCOME TR | COM | |
| 46132R 10 4 | INVESCO DYNAMIC CR OPP FD | COM | |
| 46132X 10 1 | INVESCO MUNI INCOME OPP TRST | COM | |
| 46133G 10 7 | INVESCO QUALITY MUNI INC TRS | COM | |
| 46134L 10 5 | INVESTAR HLDG CORP | COM | |

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| 46135X 10 8 | INVESCO HIGH INCOME 2023 TAR | COM | |
| 46136K 10 5 | INVESCO HIGH INCOME 2024 TAR | COM | |
| 46137R 10 9 * | INVESCO INDIA EXCHG TRED FD | INDIA ETF | |
| 46137R 90 9 | INVESCO INDIA EXCHG TRED FD | CALL | |
| 46137R 95 9 | INVESCO INDIA EXCHG TRED FD | PUT | |
| 46137V 10 0 | INVESCO EXCHANGE TRADED FD T | AEROSPACE DEFN | |
| 46137V 13 4 * | INVESCO EXCHANGE TRADED FD T | WILDERHIL CLAN | |
| 46137V 90 4 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 4 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 14 2 * | INVESCO EXCHANGE TRADED FD T | WATER RES ETF | |
| 46137V 90 2 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 2 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 15 9 * | INVESCO EXCHANGE TRADED FD T | S&P SPIN OFF | |
| 46137V 90 9 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 9 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 16 7 | INVESCO EXCHANGE TRADED FD T | S&P SML600 VAL | |
| 46137V 17 5 | INVESCO EXCHANGE TRADED FD T | S&P SML600 GWT | |
| 46137V 18 3 | INVESCO EXCHANGE TRADED FD T | S&P SML 600 EQ | |
| 46137V 19 1 | INVESCO EXCHANGE TRADED FD T | S&P MDCP400 VL | |
| 46137V 20 9 * | INVESCO EXCHANGE TRADED FD T | BRIC ETF | |
| 46137V 90 9 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 9 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 21 7 | INVESCO EXCHANGE TRADED FD T | S&P MDCP400 PR | |
| 46137V 22 5 | INVESCO EXCHANGE TRADED FD T | S&P MDCP400 EQ | |
| 46137V 23 3 | INVESCO EXCHANGE TRADED FD T | S&P 500 TOP 50 | |
| 46137V 24 1 * | INVESCO EXCHANGE TRADED FD T | S&P500 QUALITY | |
| 46137V 90 1 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 1 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 25 8 * | INVESCO EXCHANGE TRADED FD T | S&P500 PUR VAL | |
| 46137V 90 8 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 8 | INVESCO EXCHANGE TRADED FD T | PUT | |
| 46137V 26 6 * | INVESCO EXCHANGE TRADED FD T | S&P500 PUR GWT | |
| 46137V 90 6 | INVESCO EXCHANGE TRADED FD T | CALL | |
| 46137V 95 6 | INVESCO EXCHANGE TRADED FD T | PUT | |

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| 46137V 27 4 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL UTL | |
| 46137V 28 2 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL TEC | |
| 46137V 29 0 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL REL | |
| 46137V 30 8 * | INVESCO EXCHANGE | TRADED FD T BUYBACK ACHIEV | |
| 46137V 90 8 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 8 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 31 6 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL MAT | |
| 46137V 32 4 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL IND | |
| 46137V 33 2 * | INVESCO EXCHANGE | TRADED FD T S&P500 EQL HLT | |
| 46137V 90 2 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 2 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 34 0 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL FIN | |
| 46137V 35 7 * | INVESCO EXCHANGE | TRADED FD T S&P500 EQL WGT | |
| 46137V 90 7 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 7 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 36 5 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL ENR | |
| 46137V 37 3 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL STP | |
| 46137V 38 1 | INVESCO EXCHANGE | TRADED FD T S&P500 EQL DIS | |
| 46137V 39 9 | INVESCO EXCHANGE | TRADED FD T S&P500 BUY WRT | |
| 46137V 40 7 | INVESCO EXCHANGE | TRADED FD T CLEANTECH ETF | |
| 46137V 42 3 | INVESCO EXCHANGE | TRADED FD T S&P 500 VLU MOMN | |
| 46137V 43 1 | INVESCO EXCHANGE | TRADED FD T S&P 500 GARP ETF | |
| 46137V 44 9 | INVESCO EXCHANGE | TRADED FD T S&P 100 EQL WIGH | |
| 46137V 45 6 | INVESCO EXCHANGE | TRADED FD T S&P MDCP VLU MNT | |
| 46137V 46 4 | INVESCO EXCHANGE | TRADED FD T S&P MDCP MOMNTUM | |
| 46137V 47 2 | INVESCO EXCHANGE | TRADED FD T S&P MDCP QUALITY | |
| 46137V 48 0 | INVESCO EXCHANGE | TRADED FD T S&P SMCP VLU MNT | |
| 46137V 49 8 | INVESCO EXCHANGE | TRADED FD T S&P SMLCP MOMENT | |
| 46137V 50 6 * | INVESCO EXCHANGE | TRADED FD T DIVID ACHIEVEV | |
| 46137V 90 6 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 6 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 52 2 | INVESCO EXCHANGE | TRADED FD T RYMND JMS SB 1 | |
| 46137V 53 0 * | INVESCO EXCHANGE | TRADED FD T NASDAQ INTERNET | |
| 46137V 90 0 | INVESCO EXCHANGE | TRADED FD T CALL | |

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| 46137V 95 0 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 54 8 * | INVESCO EXCHANGE | TRADED FD T INTL DIVI ACHI | |
| 46137V 90 8 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 8 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 55 5 | INVESCO EXCHANGE | TRADED FD T INSIDER SENMNT | |
| 46137V 56 3 * | INVESCO EXCHANGE | TRADED FD T HIG YLD EQ DIV | |
| 46137V 90 3 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 3 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 57 1 * | INVESCO EXCHANGE | TRADED FD T GLOBAL DRGN CN | |
| 46137V 90 1 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 1 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 58 9 * | INVESCO EXCHANGE | TRADED FD T GBL LISTED PVT | |
| 46137V 90 9 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 9 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 59 7 * | INVESCO EXCHANGE | TRADED FD T FTSE RAFI 1500 | |
| 46137V 90 7 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 7 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 60 5 | INVESCO EXCHANGE | TRADED FD T DJ INDL AVG DV | |
| 46137V 61 3 * | INVESCO EXCHANGE | TRADED FD T FTSE RAFI 1000 | |
| 46137V 90 3 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 3 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 62 1 * | INVESCO EXCHANGE | TRADED FD T FINL PFD ETF | |
| 46137V 90 1 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 1 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 63 9 | INVESCO EXCHANGE | TRADED FD T DYNMC SOFTWARE | |
| 46137V 64 7 | INVESCO EXCHANGE | TRADED FD T DYNMC SEMICNDT | |
| 46137V 65 4 | INVESCO EXCHANGE | TRADED FD T DYNMC RETAIL | |
| 46137V 66 2 * | INVESCO EXCHANGE | TRADED FD T DYNMC PHRMCTLS | |
| 46137V 90 2 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 2 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 67 0 * | INVESCO EXCHANGE | TRADED FD T DYNMC OIL GAS | |
| 46137V 90 0 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 0 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 68 8 | INVESCO EXCHANGE | TRADED FD T DYNMC NETWRNG | |

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| 46137V 69 6 | INVESCO EXCHANGE | TRADED FD T DYNMC MEDIA | |
| 46137V 70 4 | INVESCO EXCHANGE | TRADED FD T DWA BASIC MATL | |
| 46137V 71 2 | INVESCO EXCHANGE | TRADED FD T DYNMC MKT ETF | |
| 46137V 72 0 | INVESCO EXCHANGE | TRADED FD T DYNMC LEISURE | |
| 46137V 73 8 | INVESCO EXCHANGE | TRADED FD T DYNMC LRG VALU | |
| 46137V 74 6 | INVESCO EXCHANGE | TRADED FD T DYNMC LRG GWTH | |
| 46137V 75 3 | INVESCO EXCHANGE | TRADED FD T DYNMC FOOD BEV | |
| 46137V 76 1 | INVESCO EXCHANGE | TRADED FD T DYNMC ENRG EXP | |
| 46137V 77 9 | INVESCO EXCHANGE | TRADED FD T DYNMC BLDG CON | |
| 46137V 78 7 | INVESCO EXCHANGE | TRADED FD T DYNMC BIOTECH | |
| 46137V 79 5 | INVESCO EXCHANGE | TRADED FD T DWA UTILS MUMT | |
| 46137V 80 3 * | INVESCO EXCHANGE | TRADED FD T DWA CYCLICALS | |
| 46137V 90 3 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 3 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 81 1 * | INVESCO EXCHANGE | TRADED FD T DWA TECHNOLOGY | |
| 46137V 90 1 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 1 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 82 9 | INVESCO EXCHANGE | TRADED FD T DWA NASDAQ MNT | |
| 46137V 83 7 * | INVESCO EXCHANGE | TRADED FD T DWA MOMENTUM | |
| 46137V 90 7 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 7 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 84 5 * | INVESCO EXCHANGE | TRADED FD T DWA INDLS MUMT | |
| 46137V 90 5 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 5 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 85 2 * | INVESCO EXCHANGE | TRADED FD T DWA HEALTHCARE | |
| 46137V 90 2 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 2 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 86 0 | INVESCO EXCHANGE | TRADED FD T DWA FINL MUMT | |
| 46137V 87 8 * | INVESCO EXCHANGE | TRADED FD T DWA ENERGY MNT | |
| 46137V 90 8 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 8 | INVESCO EXCHANGE | TRADED FD T PUT | |
| 46137V 88 6 * | INVESCO EXCHANGE | TRADED FD T DWA STAPLES | |
| 46137V 90 6 | INVESCO EXCHANGE | TRADED FD T CALL | |
| 46137V 95 6 | INVESCO EXCHANGE | TRADED FD T PUT | |

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| 46137Y 40 1 | INVESCO EXCHANGE TRADED | FD T ZACKS MID CAP | |
| 46137Y 50 0 * | INVESCO EXCHANGE TRADED | FD T ZACKS MULT AST | |
| 46137Y 90 0 | INVESCO EXCHANGE TRADED | FD T CALL | |
| 46137Y 95 0 | INVESCO EXCHANGE TRADED | FD T PUT | |
| 46137Y 60 9 | INVESCO EXCHANGE TRADED | FD T S&P 500A EQL | |
| 46138B 10 3 * | INVESCO DB COMMDY INDX | TRCK UNIT | |
| 46138B 90 3 | INVESCO DB COMMDY INDX | TRCK CALL | |
| 46138B 95 3 | INVESCO DB COMMDY INDX | TRCK PUT | |
| 46138E 10 7 | INVESCO EXCHNG TRADED | FD TR 1 30 LADER TRE | |
| 46138E 11 5 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP INFO | |
| 46138E 12 3 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP INDL | |
| 46138E 13 1 | INVESCO EXCHNG TRADED | FD TR S&P SMLCAP HIG | |
| 46138E 14 9 * | INVESCO EXCHNG TRADED | FD TR S&P SMLCP HELT | |
| 46138E 90 9 | INVESCO EXCHNG TRADED | FD TR CALL | |
| 46138E 95 9 | INVESCO EXCHNG TRADED | FD TR PUT | |
| 46138E 15 6 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP FINL | |
| 46138E 16 4 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP ENGY | |
| 46138E 17 2 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP STAP | |
| 46138E 18 0 | INVESCO EXCHNG TRADED | FD TR S&P SMLCP DISC | |
| 46138E 19 8 * | INVESCO EXCHNG TRADED | FD TR S&P MIDCP LOW | |
| 46138E 90 8 | INVESCO EXCHNG TRADED | FD TR CALL | |
| 46138E 95 8 | INVESCO EXCHNG TRADED | FD TR PUT | |
| 46138E 20 6 | INVESCO EXCHNG TRADED | FD TR CALIF AMT MUN | |
| 46138E 21 4 | INVESCO EXCHNG TRADED | FD TR S&P INTL QULTY | |
| 46138E 22 2 | INVESCO EXCHNG TRADED | FD TR S&P INTL MOMNT | |
| 46138E 23 0 | INVESCO EXCHNG TRADED | FD TR S&P INTL LOW | |
| 46138E 24 8 | INVESCO EXCHNG TRADED | FD TR S&P INTL DEV | |
| 46138E 25 5 | INVESCO EXCHNG TRADED | FD TR S&P HIGH INCOM | |
| 46138E 26 3 | INVESCO EXCHNG TRADED | FD TR S&P GBL WATER | |
| 46138E 27 1 | INVESCO EXCHNG TRADED | FD TR S&P GLOBL DIVI | |
| 46138E 28 9 | INVESCO EXCHNG TRADED | FD TR S&P EMRNG MMTM | |
| 46138E 29 7 | INVESCO EXCHNG TRADED | FD TR S&P EMRNG MKTS | |
| 46138E 33 9 | INVESCO EXCHNG TRADED | FD TR S&P 500 MOMNTM | |
| 46138E 34 7 | INVESCO EXCHNG TRADED | FD TR S&P500 MIN VAR | |

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| 46138E 35 4 * | INVESCO EXCHNG | TRADED FD TR S&P500 LOW VOL | |
| 46138E 90 4 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 4 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 36 2 * | INVESCO EXCHNG | TRADED FD TR S&P500 HDL VOL | |
| 46138E 90 2 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 2 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 37 0 * | INVESCO EXCHNG | TRADED FD TR S&P 500 HB ETF | |
| 46138E 90 0 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 0 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 38 8 | INVESCO EXCHNG | TRADED FD TR S&P 500 EX RAT | |
| 46138E 39 6 | INVESCO EXCHNG | TRADED FD TR S&P 500 ENHNCD | |
| 46138E 40 4 * | INVESCO EXCHNG | TRADED FD TR CEF INM COMPSI | |
| 46138E 90 4 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 4 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 41 2 | INVESCO EXCHNG | TRADED FD TR RUSEL 1000 LOW | |
| 46138E 42 0 | INVESCO EXCHNG | TRADED FD TR RUSEL 1000 EQL | |
| 46138E 43 8 | INVESCO EXCHNG | TRADED FD TR RUSL 1000 ENHD | |
| 46138E 44 6 | INVESCO EXCHNG | TRADED FD TR PURBETA US AGG | |
| 46138E 45 3 | INVESCO EXCHNG | TRADED FD TR PURBTA MSCI SM | |
| 46138E 46 1 | INVESCO EXCHNG | TRADED FD TR PURBTA MSCI US | |
| 46138E 47 9 | INVESCO EXCHNG | TRADED FD TR PURBTA FTSE EM | |
| 46138E 48 7 | INVESCO EXCHNG | TRADED FD TR PURBTA FTSE DV | |
| 46138E 49 5 | INVESCO EXCHNG | TRADED FD TR PURBTA 0 5 YR | |
| 46138E 51 1 * | INVESCO EXCHNG | TRADED FD TR PFD ETF | |
| 46138E 90 1 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 1 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 52 9 | INVESCO EXCHNG | TRADED FD TR NY AMT FRE MUN | |
| 46138E 53 7 * | INVESCO EXCHNG | TRADED FD TR NATL AMT MUNI | |
| 46138E 90 7 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 7 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 54 5 | INVESCO EXCHNG | TRADED FD TR MSCI GBL TIMBR | |
| 46138E 55 2 | INVESCO EXCHNG | TRADED FD TR MSCI EMRNG MKT | |
| 46138E 56 0 | INVESCO EXCHNG | TRADED FD TR LADERITE 0-5YR | |
| 46138E 57 8 | INVESCO EXCHNG | TRADED FD TR KBW REGL BKG | |

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| 46138E 58 6 | INVESCO EXCHNG | TRADED FD TR | KBW PPTY CASUT |
| 46138E 59 4 | INVESCO EXCHNG | TRADED FD TR | KBW PREM YIELD |
| 46138E 60 2 * | INVESCO EXCHNG | TRADED FD TR | CHINA REALESTE |
| 46138E 90 2 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 2 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 61 0 | INVESCO EXCHNG | TRADED FD TR | KBW HIG DV YLD |
| 46138E 62 8 * | INVESCO EXCHNG | TRADED FD TR | KBW BK ETF |
| 46138E 90 8 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 8 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 63 6 | INVESCO EXCHNG | TRADED FD TR | INTL CORP BD |
| 46138E 64 4 | INVESCO EXCHNG | TRADED FD TR | INTL BUYBACK |
| 46138E 65 1 | INVESCO EXCHNG | TRADED FD TR | GLOBAL WATER |
| 46138E 66 9 | INVESCO EXCHNG | TRADED FD TR | GBL SRT TRM HY |
| 46138E 69 3 | INVESCO EXCHNG | TRADED FD TR | FNDMNTL IG CRP |
| 46138E 70 1 * | INVESCO EXCHNG | TRADED FD TR | CHINA SMALL CP |
| 46138E 90 1 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 1 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 71 9 * | INVESCO EXCHNG | TRADED FD TR | FNDMNTL HY CRP |
| 46138E 90 9 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 9 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 72 7 * | INVESCO EXCHNG | TRADED FD TR | FTSE RAFI EMNG |
| 46138E 90 7 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 7 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 73 5 | INVESCO EXCHNG | TRADED FD TR | FTSE RAFI SML |
| 46138E 74 3 | INVESCO EXCHNG | TRADED FD TR | FTSE RAFI DEV |
| 46138E 76 8 | INVESCO EXCHNG | TRADED FD TR | FTSE INTL LOW |
| 46138E 77 6 | INVESCO EXCHNG | TRADED FD TR | FRONTIER MKTS |
| 46138E 78 4 * | INVESCO EXCHNG | TRADED FD TR | EMRNG MKT SVRG |
| 46138E 90 4 | INVESCO EXCHNG | TRADED FD TR | CALL |
| 46138E 95 4 | INVESCO EXCHNG | TRADED FD TR | PUT |
| 46138E 80 0 | INVESCO EXCHNG | TRADED FD TR | CHINA TECHNLOGY |
| 46138E 82 6 | INVESCO EXCHNG | TRADED FD TR | DWA TACTCL SCT |
| 46138E 83 4 | INVESCO EXCHNG | TRADED FD TR | DWA TACTCL MLT |
| 46138E 84 2 * | INVESCO EXCHNG | TRADED FD TR | DWA SMLCP MENT |

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| 46138E 90 2 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 2 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 86 7 * | INVESCO EXCHNG | TRADED FD TR DWA EMERG MKTS | |
| 46138E 90 7 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 7 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138E 87 5 * | INVESCO EXCHNG | TRADED FD TR DWA DEV MKTS | |
| 46138E 90 5 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138E 95 5 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138G 10 2 | INVESCO EXCHNG | TRADED FD TR S&P SMLCP LOW | |
| 46138G 20 1 | INVESCO EXCHNG | TRADED FD TR S&P SMLCP MATL | |
| 46138G 30 0 | INVESCO EXCHNG | TRADED FD TR S&P SMLCAP QTY | |
| 46138G 40 9 | INVESCO EXCHNG | TRADED FD TR S&P SMLCP UTIL | |
| 46138G 50 8 * | INVESCO EXCHNG | TRADED FD TR SR LN ETF | |
| 46138G 90 8 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138G 95 8 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138G 60 7 * | INVESCO EXCHNG | TRADED FD TR SHIPPING ETF | |
| 46138G 90 7 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138G 95 7 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138G 65 6 | INVESCO EXCHNG | TRADED FD TR S&P ULTRA DIVIDE | ADDED |
| 46138G 66 4 * | INVESCO EXCHNG | TRADED FD TR S&P SMALLCAP 600 | ADDED |
| 46138G 90 4 | INVESCO EXCHNG | TRADED FD TR CALL | ADDED |
| 46138G 95 4 | INVESCO EXCHNG | TRADED FD TR PUT | ADDED |
| 46138G 67 2 * | INVESCO EXCHNG | TRADED FD TR S&P MDCP 400 REV | ADDED |
| 46138G 90 2 | INVESCO EXCHNG | TRADED FD TR CALL | ADDED |
| 46138G 95 2 | INVESCO EXCHNG | TRADED FD TR PUT | ADDED |
| 46138G 68 0 | INVESCO EXCHNG | TRADED FD TR S&P FINCIAL REVE | ADDED |
| 46138G 69 8 * | INVESCO EXCHNG | TRADED FD TR S&P 500 REVENUE | ADDED |
| 46138G 90 8 | INVESCO EXCHNG | TRADED FD TR CALL | ADDED |
| 46138G 95 8 | INVESCO EXCHNG | TRADED FD TR PUT | ADDED |
| 46138G 70 6 * | INVESCO EXCHNG | TRADED FD TR SOLAR ETF | |
| 46138G 90 6 | INVESCO EXCHNG | TRADED FD TR CALL | |
| 46138G 95 6 | INVESCO EXCHNG | TRADED FD TR PUT | |
| 46138G 71 4 | INVESCO EXCHNG | TRADED FD TR RUSL 1000 YIEL | ADDED |
| 46138G 72 2 | INVESCO EXCHNG | TRADED FD TR RUSL 1000 VALU | ADDED |

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| 46138G 73 0 | INVESCO EXCHNG TRADED FD TR | RUSL 1000 SIZE | ADDED |
| 46138G 74 8 | INVESCO EXCHNG TRADED FD TR | RUSL 1000 QTLY | ADDED |
| 46138G 75 5 | INVESCO EXCHNG TRADED FD TR | RUSL 1000 MOMT | ADDED |
| 46138G 76 3 | INVESCO EXCHNG TRADED FD TR | RUSL 1000 LOW | ADDED |
| 46138G 77 1 | INVESCO EXCHNG TRADED FD TR | CINTL ULTR DVD R | ADDED |
| 46138G 78 9 | INVESCO EXCHNG TRADED FD TR | INTERNATNL REV | ADDED |
| 46138G 79 7 | INVESCO EXCHNG TRADED FD TR | GLOBAL REV | ADDED |
| 46138G 80 5 | INVESCO EXCHNG TRADED FD TR | TAXABLE MUN BD | |
| 46138G 81 3 | INVESCO EXCHNG TRADED FD TR | GLOBAL ESG ETF | ADDED |
| 46138G 82 1 | INVESCO EXCHNG TRADED FD TR | EMERGING MKTS | ADDED |
| 46138G 83 9 | INVESCO EXCHNG TRADED FD TR | EMERGING MKT | ADDED |
| 46138G 84 7 | INVESCO EXCHNG TRADED FD TR | GBL CLEAN ENRG | |
| 46138G 86 2 | INVESCO EXCHNG TRADED FD TR | VRDO TAX FREE | |
| 46138G 87 0 * | INVESCO EXCHNG TRADED FD TR | VAR RATE PFD | |
| 46138G 90 0 | INVESCO EXCHNG TRADED FD TR | CALL | |
| 46138G 95 0 | INVESCO EXCHNG TRADED FD TR | PUT | |
| 46138G 88 8 | INVESCO EXCHNG TRADED FD TR | TREAS COLATERL | |
| 46138J 30 4 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2019 CB | |
| 46138J 40 3 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2019 HY | |
| 46138J 50 2 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2020 CB | |
| 46138J 59 3 | INVESCO EXCH TRD SLF IDX FD | RUSL 2000 DYNM | ADDED |
| 46138J 60 1 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2020 HY | |
| 46138J 61 9 | INVESCO EXCH TRD SLF IDX FD | RUSL 1000 DYNM | ADDED |
| 46138J 62 7 | INVESCO EXCH TRD SLF IDX FD | ESG REV ETF | ADDED |
| 46138J 63 5 | INVESCO EXCH TRD SLF IDX FD | INVSCO BLSH 26 | |
| 46138J 64 3 | INVESCO EXCH TRD SLF IDX FD | INVSCO BLSH 28 | |
| 46138J 65 0 | INVESCO EXCH TRD SLF IDX FD | BULLSHS 24 USD | |
| 46138J 66 8 | INVESCO EXCH TRD SLF IDX FD | BULLSHS 23 USD | |
| 46138J 67 6 | INVESCO EXCH TRD SLF IDX FD | BULLSHS 22 USD | |
| 46138J 68 4 | INVESCO EXCH TRD SLF IDX FD | BULLSHS 21 USD | |
| 46138J 69 2 | INVESCO EXCH TRD SLF IDX FD | RAFI STRG EMMRKT | |
| 46138J 70 0 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2021 CB | |
| 46138J 71 8 | INVESCO EXCH TRD SLF IDX FD | RAFI STRG DVELOP | |
| 46138J 72 6 | INVESCO EXCH TRD SLF IDX FD | RAFI STRG US ETF | |

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| 46138J 73 4 | INVESCO EXCH TRD SLF IDX FD | RAFI STRG US SML | |
| 46138J 74 2 | INVESCO EXCH TRD SLF IDX FD | RAFI STRATGIC US | |
| 46138J 77 5 | INVESCO EXCH TRD SLF IDX FD | DEFENSIVE EQTY | |
| 46138J 78 3 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2027 CB | |
| 46138J 79 1 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2026 CB | |
| 46138J 80 9 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2021 HY | |
| 46138J 81 7 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2025 HY | |
| 46138J 82 5 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2025 CB | |
| 46138J 83 3 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2024 HY | |
| 46138J 84 1 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2024 CB | |
| 46138J 85 8 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2023 HY | |
| 46138J 86 6 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2023 CB | |
| 46138J 87 4 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2022 HY | |
| 46138J 88 2 | INVESCO EXCH TRD SLF IDX FD | BULSHS 2022 CB | |
| 46138K 10 3 * | INVESCO CURRENCYSHARES EURO | EURO SHS | |
| 46138K 90 3 | INVESCO CURRENCYSHARES EURO | CALL | |
| 46138K 95 3 | INVESCO CURRENCYSHARES EURO | PUT | |
| 46138M 10 9 * | INVESCO CURNCYSHS BRIT PND S | BRIT POUN STRL | |
| 46138M 90 9 | INVESCO CURNCYSHS BRIT PND S | CALL | |
| 46138M 95 9 | INVESCO CURNCYSHS BRIT PND S | PUT | |
| 46138R 10 8 * | INVESCO CURNCYSHS SWISS FRAN | SWISS FRAN | |
| 46138R 90 8 | INVESCO CURNCYSHS SWISS FRAN | CALL | |
| 46138R 95 8 | INVESCO CURNCYSHS SWISS FRAN | PUT | |
| 46138T 10 4 * | INVESCO CURNCYSHS CDN DLR TR | CDN DLR SHS | |
| 46138T 90 4 | INVESCO CURNCYSHS CDN DLR TR | CALL | |
| 46138T 95 4 | INVESCO CURNCYSHS CDN DLR TR | PUT | |
| 46138V 10 9 * | INVESCO CURNCYSHS SWEDSH KRO | SWEDISH KRONA | |
| 46138V 90 9 | INVESCO CURNCYSHS SWEDSH KRO | CALL | |
| 46138V 95 9 | INVESCO CURNCYSHS SWEDSH KRO | PUT | |
| 46138W 10 7 * | INVESCO CURNCYSHS JAPANESE Y | JAPANESE YEN | |
| 46138W 90 7 | INVESCO CURNCYSHS JAPANESE Y | CALL | |
| 46138W 95 7 | INVESCO CURNCYSHS JAPANESE Y | PUT | |
| 46138X 10 5 | INVESCO CURNCYSHS CHINESE RE | CHINESE RENMIN | |
| 46138Y 10 3 | INVESCO CURNCYSHS SNGPORE DL | SINGAPORE DLR | |

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| 46139B 10 2 * | INVESCO DB G10 CURRENCY HRVS | UNIT | |
| 46139B 90 2 | INVESCO DB G10 CURRENCY HRVS | CALL | |
| 46139B 95 2 | INVESCO DB G10 CURRENCY HRVS | PUT | |
| 46139W 10 6 | INVESCO EXCHNG TRAD SLF INDE | EMMKT DB DEFSV | |
| 46139W 20 5 | INVESCO EXCHNG TRAD SLF INDE | EMR MKT DB VLU | |
| 46139W 30 4 | INVESCO EXCHNG TRAD SLF INDE | CORRT INM DEFS | |
| 46139W 40 3 | INVESCO EXCHNG TRAD SLF INDE | CORRT INM VALU | |
| 46139W 50 2 | INVESCO EXCHNG TRAD SLF INDE | INVT GRD DEFSV | |
| 46139W 60 1 | INVESCO EXCHNG TRAD SLF INDE | INVT GRAD VALU | |
| 46139W 70 0 | INVESCO EXCHNG TRAD SLF INDE | MLT FTR CR FXD | |
| 46139W 80 9 | INVESCO EXCHNG TRAD SLF INDE | MLT FTR CR PLS | |
| 46139W 87 4 | INVESCO EXCHNG TRAD SLF INDE | MLT FCTR INCM | |
| 46139W 88 2 | INVESCO EXCHNG TRAD SLF INDE | MLT FCTR DEFSV | |
| 46140H 10 6 * | INVESCO DB MLTI SECTR CMMTY | AGRICULTURE FD | |
| 46140H 90 6 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 6 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 20 5 * | INVESCO DB MLTI SECTR CMMTY | SILVER FD | |
| 46140H 90 5 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 5 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 30 4 * | INVESCO DB MLTI SECTR CMMTY | ENERGY FD | |
| 46140H 90 4 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 4 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 40 3 * | INVESCO DB MLTI SECTR CMMTY | OIL FD | |
| 46140H 90 3 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 3 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 50 2 * | INVESCO DB MLTI SECTR CMMTY | PRECIOUS METAL | |
| 46140H 90 2 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 2 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 60 1 * | INVESCO DB MLTI SECTR CMMTY | GOLD FD | |
| 46140H 90 1 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 1 | INVESCO DB MLTI SECTR CMMTY | PUT | |
| 46140H 70 0 * | INVESCO DB MLTI SECTR CMMTY | BASE METALS FD | |
| 46140H 90 0 | INVESCO DB MLTI SECTR CMMTY | CALL | |
| 46140H 95 0 | INVESCO DB MLTI SECTR CMMTY | PUT | |

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| 46141D 10 4 * | INVESCO DB US DLR INDEX TR | BEARISH FD | |
| 46141D 90 4 | INVESCO DB US DLR INDEX TR | CALL | |
| 46141D 95 4 | INVESCO DB US DLR INDEX TR | PUT | |
| 46141D 20 3 * | INVESCO DB US DLR INDEX TR | BULLISH FD | |
| 46141D 90 3 | INVESCO DB US DLR INDEX TR | CALL | |
| 46141D 95 3 | INVESCO DB US DLR INDEX TR | PUT | |
| 46146L 10 1 * | INVESTORS BANCORP INC NEW | COM | |
| 46146L 90 1 | INVESTORS BANCORP INC NEW | CALL | |
| 46146L 95 1 | INVESTORS BANCORP INC NEW | PUT | |
| 461730 50 9 * | INVESTORS REAL ESTATE TR | SH BEN INT | |
| 461730 90 9 | INVESTORS REAL ESTATE TR | CALL | |
| 461730 95 9 | INVESTORS REAL ESTATE TR | PUT | |
| 461804 10 6 | INVESTORS TITLE CO | COM | |
| 46185L 10 3 * | INVITAE CORP | COM | |
| 46185L 90 3 | INVITAE CORP | CALL | |
| 46185L 95 3 | INVITAE CORP | PUT | |
| 46186M 40 7 * | INVIVO THERAPEUTICS HLDGS CO | COM PAR | |
| 46186M 90 7 | INVIVO THERAPEUTICS HLDGS CO | CALL | |
| 46186M 95 7 | INVIVO THERAPEUTICS HLDGS CO | PUT | |
| 46187W 10 7 * | INVITATION HOMES INC | COM | |
| 46187W 90 7 | INVITATION HOMES INC | CALL | |
| 46187W 95 7 | INVITATION HOMES INC | PUT | |
| 462044 20 7 * | ION GEOPHYSICAL CORP | COM NEW | |
| 462044 90 7 | ION GEOPHYSICAL CORP | CALL | |
| 462044 95 7 | ION GEOPHYSICAL CORP | PUT | |
| 462222 10 0 * | IONIS PHARMACEUTICALS INC | COM | |
| 462222 90 0 | IONIS PHARMACEUTICALS INC | CALL | |
| 462222 95 0 | IONIS PHARMACEUTICALS INC | PUT | |
| 462260 10 0 * | IOVANCE BIOTHERAPEUTICS INC | COM | |
| 462260 90 0 | IOVANCE BIOTHERAPEUTICS INC | CALL | |
| 462260 95 0 | IOVANCE BIOTHERAPEUTICS INC | PUT | |
| 46263D 10 6 | IPIC ENTMT INC | COM CL A | |
| 46266A 10 9 | IRADIMED CORP | COM | |
| 46266C 10 5 * | IQVIA HLDGS INC | COM | |

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|---------------|------------------------------|--------------------|---------|
| 46266C 90 5 | IQVIA HLDGS INC | CALL | |
| 46266C 95 5 | IQVIA HLDGS INC | PUT | |
| 46267X 10 8 * | IQIYI INC | SPONSORED ADS | |
| 46267X 90 8 | IQIYI INC | CALL | |
| 46267X 95 8 | IQIYI INC | PUT | |
| 462684 10 1 | IRIDEX CORP | COM | |
| 46269C 10 2 * | IRIDIUM COMMUNICATIONS INC | COM | |
| 46269C 90 2 | IRIDIUM COMMUNICATIONS INC | CALL | |
| 46269C 95 2 | IRIDIUM COMMUNICATIONS INC | PUT | |
| 46269C 40 9 | IRIDIUM COMMUNICATIONS INC | PERP PFD CNV B | DELETED |
| 462726 10 0 * | IROBOT CORP | COM | |
| 462726 90 0 | IROBOT CORP | CALL | |
| 462726 95 0 | IROBOT CORP | PUT | |
| 46284V 10 1 * | IRON MTN INC NEW | COM | |
| 46284V 90 1 | IRON MTN INC NEW | CALL | |
| 46284V 95 1 | IRON MTN INC NEW | PUT | |
| 46333X AD 0 | IRONWOOD PHARMACEUTICALS INC | DCV 2.250% 6/1 | |
| 46333X 10 8 * | IRONWOOD PHARMACEUTICALS INC | COM CL A | |
| 46333X 90 8 | IRONWOOD PHARMACEUTICALS INC | CALL | |
| 46333X 95 8 | IRONWOOD PHARMACEUTICALS INC | PUT | |
| 46333X 11 6 | IRONWOOD PHARMACEUTICALS INC | EX DISTRIBUTIN | DELETED |
| 463588 10 3 | IRSA PROPIEDADES COMERCIALES | SPONSORED ADR | |
| 46428Q 10 9 * | ISHARES SILVER TRUST | ISHARES | |
| 46428Q 90 9 | ISHARES SILVER TRUST | CALL | |
| 46428Q 95 9 | ISHARES SILVER TRUST | PUT | |
| 46428R 10 7 * | ISHARES S&P GSCI COMMODITY I | UNIT BEN INT | |
| 46428R 90 7 | ISHARES S&P GSCI COMMODITY I | CALL | |
| 46428R 95 7 | ISHARES S&P GSCI COMMODITY I | PUT | |
| 464285 10 5 * | ISHARES GOLD TRUST | ISHARES | |
| 464285 90 5 | ISHARES GOLD TRUST | CALL | |
| 464285 95 5 | ISHARES GOLD TRUST | PUT | |
| 464286 10 3 * | ISHARES INC | MSCI AUST ETF | |
| 464286 90 3 | ISHARES INC | CALL | |
| 464286 95 3 | ISHARES INC | PUT | |

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| 464286 14 5 * | ISHARES INC | MSCI FRNTR100ETF | |
| 464286 90 5 | ISHARES INC | CALL | |
| 464286 95 5 | ISHARES INC | PUT | |
| 464286 17 8 | ISHARES INC | US INTL HGH YLD | |
| 464286 20 2 * | ISHARES INC | MSCI AUSTRIA ETF | |
| 464286 90 2 | ISHARES INC | CALL | |
| 464286 95 2 | ISHARES INC | PUT | |
| 464286 21 0 * | ISHARES INC | INTL HIGH YIELD | |
| 464286 90 0 | ISHARES INC | CALL | |
| 464286 95 0 | ISHARES INC | PUT | |
| 464286 25 1 * | ISHARES INC | JP MRG EM CRP BD | |
| 464286 90 1 | ISHARES INC | CALL | |
| 464286 95 1 | ISHARES INC | PUT | |
| 464286 28 5 | ISHARES INC | EM HGHYL BD ETF | |
| 464286 29 3 | ISHARES INC | ASIA/PAC DIV ETF | |
| 464286 30 1 * | ISHARES INC | MSCI BELGIUM ETF | |
| 464286 90 1 | ISHARES INC | CALL | |
| 464286 95 1 | ISHARES INC | PUT | |
| 464286 31 9 | ISHARES INC | EM MKTS DIV ETF | |
| 464286 32 7 | ISHARES INC | GLB SILV MIN ETF | |
| 464286 34 3 | ISHARES INC | GLB ENR PROD ETF | |
| 464286 35 0 | ISHARES INC | GLB AGRIC PR ETF | |
| 464286 39 2 * | ISHARES INC | MSCI WORLD ETF | |
| 464286 90 2 | ISHARES INC | CALL | |
| 464286 95 2 | ISHARES INC | PUT | |
| 464286 40 0 * | ISHARES INC | MSCI BRAZIL ETF | |
| 464286 90 0 | ISHARES INC | CALL | |
| 464286 95 0 | ISHARES INC | PUT | |
| 464286 42 6 | ISHARES INC | MSCI EM ASIA ETF | |
| 464286 47 5 | ISHARES INC | EM MKT SM-CP ETF | |
| 464286 50 9 * | ISHARES INC | MSCI CDA ETF | |
| 464286 90 9 | ISHARES INC | CALL | |
| 464286 95 9 | ISHARES INC | PUT | |
| 464286 51 7 * | ISHARES INC | JP MORGAN EM ETF | |

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| 464286 90 7 | ISHARES INC | CALL | |
| 464286 95 7 | ISHARES INC | PUT | |
| 464286 52 5 * | ISHARES INC | MIN VOL GBL ETF | |
| 464286 90 5 | ISHARES INC | CALL | |
| 464286 95 5 | ISHARES INC | PUT | |
| 464286 53 3 * | ISHARES INC | MIN VOL EMRG MKT | |
| 464286 90 3 | ISHARES INC | CALL | |
| 464286 95 3 | ISHARES INC | PUT | |
| 464286 58 2 * | ISHARES INC | MSCI JAPN SMCETF | |
| 464286 90 2 | ISHARES INC | CALL | |
| 464286 95 2 | ISHARES INC | PUT | |
| 464286 60 8 * | ISHARES INC | MSCI EURZONE ETF | |
| 464286 90 8 | ISHARES INC | CALL | |
| 464286 95 8 | ISHARES INC | PUT | |
| 464286 62 4 * | ISHARES INC | MSCI THAILND ETF | |
| 464286 90 4 | ISHARES INC | CALL | |
| 464286 95 4 | ISHARES INC | PUT | |
| 464286 63 2 | ISHARES INC | MSCI ISRAEL ETF | |
| 464286 64 0 * | ISHARES INC | MSCI CHILE ETF | |
| 464286 90 0 | ISHARES INC | CALL | |
| 464286 95 0 | ISHARES INC | PUT | |
| 464286 65 7 * | ISHARES INC | MSCI BRIC INDX | |
| 464286 90 7 | ISHARES INC | CALL | |
| 464286 95 7 | ISHARES INC | PUT | |
| 464286 66 5 * | ISHARES INC | MSCI PAC JP ETF | |
| 464286 90 5 | ISHARES INC | CALL | |
| 464286 95 5 | ISHARES INC | PUT | |
| 464286 68 1 | ISHARES INC | MSCI EQUAL WEITE | |
| 464286 70 7 * | ISHARES INC | MSCI FRANCE ETF | |
| 464286 90 7 | ISHARES INC | CALL | |
| 464286 95 7 | ISHARES INC | PUT | |
| 464286 71 5 * | ISHARES INC | MSCI TURKEY ETF | |
| 464286 90 5 | ISHARES INC | CALL | |
| 464286 95 5 | ISHARES INC | PUT | |

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| 464286 74 9 * | ISHARES INC | MSCI SWITZERLAND | |
| 464286 90 9 | ISHARES INC | CALL | |
| 464286 95 9 | ISHARES INC | PUT | |
| 464286 75 6 * | ISHARES INC | MSCI SWEDEN ETF | |
| 464286 90 6 | ISHARES INC | CALL | |
| 464286 95 6 | ISHARES INC | PUT | |
| 464286 76 4 * | ISHARES INC | MSCI SPAIN ETF | |
| 464286 90 4 | ISHARES INC | CALL | |
| 464286 95 4 | ISHARES INC | PUT | |
| 464286 77 2 * | ISHARES INC | MSCI STH KOR ETF | |
| 464286 90 2 | ISHARES INC | CALL | |
| 464286 95 2 | ISHARES INC | PUT | |
| 464286 78 0 * | ISHARES INC | MSCI STH AFR ETF | |
| 464286 90 0 | ISHARES INC | CALL | |
| 464286 95 0 | ISHARES INC | PUT | |
| 464286 80 6 * | ISHARES INC | MSCI GERMANY ETF | |
| 464286 90 6 | ISHARES INC | CALL | |
| 464286 95 6 | ISHARES INC | PUT | |
| 464286 81 4 * | ISHARES INC | MSCI NETHERL ETF | |
| 464286 90 4 | ISHARES INC | CALL | |
| 464286 95 4 | ISHARES INC | PUT | |
| 464286 82 2 * | ISHARES INC | MSCI MEXICO ETF | |
| 464286 90 2 | ISHARES INC | CALL | |
| 464286 95 2 | ISHARES INC | PUT | |
| 464286 87 1 * | ISHARES INC | MSCI HONG KG ETF | |
| 464286 90 1 | ISHARES INC | CALL | |
| 464286 95 1 | ISHARES INC | PUT | |
| 464287 10 1 * | ISHARES TR | S&P 100 ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 11 9 | ISHARES TR | MRNGSTR LG-CP GR | |
| 464287 12 7 | ISHARES TR | MRNGSTR LG-CP ET | |
| 464287 15 0 * | ISHARES TR | CORE S&P TTL STK | |
| 464287 90 0 | ISHARES TR | CALL | |

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|-----------------|--------------------|---------------------------|---------------|
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 16 8 * | ISHARES TR | SELECT DIVID ETF | |
| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 17 6 * | ISHARES TR | TIPS BD ETF | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 18 4 * | ISHARES TR | CHINA LG-CAP ETF | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 19 2 * | ISHARES TR | TRANS AVG ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 20 0 * | ISHARES TR | CORE S&P500 ETF | |
| 464287 90 0 | ISHARES TR | CALL | |
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 22 6 * | ISHARES TR | CORE US AGGBD ET | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 23 4 * | ISHARES TR | MSCI EMG MKT ETF | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 24 2 * | ISHARES TR | IBOXX INV CP ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 27 5 * | ISHARES TR | GBL COMM SVC ETF | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 29 1 * | ISHARES TR | GLOBAL TECH ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 30 9 * | ISHARES TR | S&P 500 GRWT ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |

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| 464287 32 5 * | ISHARES TR | GLOB HLTHCRE ETF | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 33 3 * | ISHARES TR | GLOBAL FINLS ETF | |
| 464287 90 3 | ISHARES TR | CALL | |
| 464287 95 3 | ISHARES TR | PUT | |
| 464287 34 1 * | ISHARES TR | GLOBAL ENERG ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 37 4 * | ISHARES TR | NORTH AMERN NAT | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 38 2 * | ISHARES TR | JPX NIKKEI 400 | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 39 0 * | ISHARES TR | LATN AMER 40 ETF | |
| 464287 90 0 | ISHARES TR | CALL | |
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 40 8 * | ISHARES TR | S&P 500 VAL ETF | |
| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 43 2 * | ISHARES TR | 20 YR TR BD ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 44 0 * | ISHARES TR | BARCLAYS 7 10 YR | |
| 464287 90 0 | ISHARES TR | CALL | |
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 45 7 * | ISHARES TR | 1 3 YR TREAS BD | |
| 464287 90 7 | ISHARES TR | CALL | |
| 464287 95 7 | ISHARES TR | PUT | |
| 464287 46 5 * | ISHARES TR | MSCI EAFE ETF | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 47 3 * | ISHARES TR | RUS MDCP VAL ETF | |

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| 464287 90 3 | ISHARES TR | CALL | |
| 464287 95 3 | ISHARES TR | PUT | |
| 464287 48 1 * | ISHARES TR | RUS MD CP GR ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 49 9 * | ISHARES TR | RUS MID CAP ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |
| 464287 50 7 * | ISHARES TR | CORE S&P MCP ETF | |
| 464287 90 7 | ISHARES TR | CALL | |
| 464287 95 7 | ISHARES TR | PUT | |
| 464287 51 5 * | ISHARES TR | EXPANDED TECH | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 52 3 * | ISHARES TR | PHLX SEMICND ETF | |
| 464287 90 3 | ISHARES TR | CALL | |
| 464287 95 3 | ISHARES TR | PUT | |
| 464287 53 1 * | ISHARES TR | NA TEC MULTM ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 54 9 * | ISHARES TR | EXPND TEC SC ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |
| 464287 55 6 * | ISHARES TR | NASDAQ BIOTECH | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 56 4 * | ISHARES TR | COHEN STEER REIT | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 57 2 * | ISHARES TR | GLOBAL 100 ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 58 0 * | ISHARES TR | U.S. CNSM SV ETF | |
| 464287 90 0 | ISHARES TR | CALL | |

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| 464287 95 0 | ISHARES TR | PUT | |
| 464287 59 8 * | ISHARES TR | RUS 1000 VAL ETF | |
| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 60 6 * | ISHARES TR | S&P MC 400GR ETF | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 61 4 * | ISHARES TR | RUS 1000 GRW ETF | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 62 2 * | ISHARES TR | RUS 1000 ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 63 0 * | ISHARES TR | RUS 2000 VAL ETF | |
| 464287 90 0 | ISHARES TR | CALL | |
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 64 8 * | ISHARES TR | RUS 2000 GRW ETF | |
| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 65 5 * | ISHARES TR | RUSSELL 2000 ETF | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 66 3 * | ISHARES TR | CORE S&P US VLU | |
| 464287 90 3 | ISHARES TR | CALL | |
| 464287 95 3 | ISHARES TR | PUT | |
| 464287 67 1 * | ISHARES TR | CORE S&P US GWT | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 68 9 * | ISHARES TR | RUSSELL 3000 ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |
| 464287 69 7 * | ISHARES TR | U.S. UTILITS ETF | |
| 464287 90 7 | ISHARES TR | CALL | |
| 464287 95 7 | ISHARES TR | PUT | |

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| 464287 70 5 * | ISHARES TR | S&P MC 400VL ETF | |
| 464287 90 5 | ISHARES TR | CALL | |
| 464287 95 5 | ISHARES TR | PUT | |
| 464287 71 3 * | ISHARES TR | US TELECOM ETF | |
| 464287 90 3 | ISHARES TR | CALL | |
| 464287 95 3 | ISHARES TR | PUT | |
| 464287 72 1 * | ISHARES TR | U.S. TECH ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 73 9 * | ISHARES TR | U.S. REAL ES ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |
| 464287 75 4 * | ISHARES TR | US INDUSTRIALS | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 76 2 * | ISHARES TR | US HLTHCARE ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 77 0 * | ISHARES TR | U.S. FIN SVC ETF | |
| 464287 90 0 | ISHARES TR | CALL | |
| 464287 95 0 | ISHARES TR | PUT | |
| 464287 78 8 * | ISHARES TR | U.S. FINLS ETF | |
| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 79 6 * | ISHARES TR | U.S. ENERGY ETF | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 80 4 * | ISHARES TR | CORE S&P SCP ETF | |
| 464287 90 4 | ISHARES TR | CALL | |
| 464287 95 4 | ISHARES TR | PUT | |
| 464287 81 2 * | ISHARES TR | U.S. CNSM GD ETF | |
| 464287 90 2 | ISHARES TR | CALL | |
| 464287 95 2 | ISHARES TR | PUT | |
| 464287 83 8 * | ISHARES TR | U.S. BAS MTL ETF | |

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| 464287 90 8 | ISHARES TR | CALL | |
| 464287 95 8 | ISHARES TR | PUT | |
| 464287 84 6 * | ISHARES TR | DOW JONES US ETF | |
| 464287 90 6 | ISHARES TR | CALL | |
| 464287 95 6 | ISHARES TR | PUT | |
| 464287 86 1 * | ISHARES TR | EUROPE ETF | |
| 464287 90 1 | ISHARES TR | CALL | |
| 464287 95 1 | ISHARES TR | PUT | |
| 464287 87 9 * | ISHARES TR | SP SMCP600VL ETF | |
| 464287 90 9 | ISHARES TR | CALL | |
| 464287 95 9 | ISHARES TR | PUT | |
| 464287 88 7 * | ISHARES TR | S&P SML 600 GWT | |
| 464287 90 7 | ISHARES TR | CALL | |
| 464287 95 7 | ISHARES TR | PUT | |
| 464288 10 9 | ISHARES TR | MRNGSTR LG-CP VL | |
| 464288 11 7 * | ISHARES TR | INTL TREA BD ETF | |
| 464288 90 7 | ISHARES TR | CALL | |
| 464288 95 7 | ISHARES TR | PUT | |
| 464288 12 5 | ISHARES TR | 3YRTB ETF | |
| 464288 15 8 | ISHARES TR | SHRT NAT MUN ETF | |
| 464288 16 6 | ISHARES TR | AGENCY BOND ETF | |
| 464288 17 4 * | ISHARES TR | GL TIMB FORE ETF | |
| 464288 90 4 | ISHARES TR | CALL | |
| 464288 95 4 | ISHARES TR | PUT | |
| 464288 18 2 * | ISHARES TR | MSCI AC ASIA ETF | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 20 8 | ISHARES TR | MRGSTR MD CP ETF | |
| 464288 21 6 * | ISHARES TR | EMGR MKT INF ETF | |
| 464288 90 6 | ISHARES TR | CALL | |
| 464288 95 6 | ISHARES TR | PUT | |
| 464288 22 4 | ISHARES TR | GL CLEAN ENE ETF | |
| 464288 24 0 * | ISHARES TR | MSCI ACWI EX US | |
| 464288 90 0 | ISHARES TR | CALL | |

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| 464288 95 0 | ISHARES TR | PUT | |
| 464288 25 7 * | ISHARES TR | MSCI ACWI ETF | |
| 464288 90 7 | ISHARES TR | CALL | |
| 464288 95 7 | ISHARES TR | PUT | |
| 464288 26 5 | ISHARES TR | MSCI KOKUSAI ETF | |
| 464288 27 3 * | ISHARES TR | EAFE SML CP ETF | |
| 464288 90 3 | ISHARES TR | CALL | |
| 464288 95 3 | ISHARES TR | PUT | |
| 464288 28 1 * | ISHARES TR | JPMORGAN USD EMG | |
| 464288 90 1 | ISHARES TR | CALL | |
| 464288 95 1 | ISHARES TR | PUT | |
| 464288 30 7 | ISHARES TR | MRGSTR MD CP GRW | |
| 464288 32 3 * | ISHARES TR | NEW YORK MUN ETF | |
| 464288 90 3 | ISHARES TR | CALL | |
| 464288 95 3 | ISHARES TR | PUT | |
| 464288 35 6 * | ISHARES TR | CALIF MUN BD ETF | |
| 464288 90 6 | ISHARES TR | CALL | |
| 464288 95 6 | ISHARES TR | PUT | |
| 464288 37 2 * | ISHARES TR | GLB INFRASTR ETF | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 40 6 | ISHARES TR | MRGSTR MD CP VAL | |
| 464288 41 4 * | ISHARES TR | NATIONAL MUN ETF | |
| 464288 90 4 | ISHARES TR | CALL | |
| 464288 95 4 | ISHARES TR | PUT | |
| 464288 42 2 * | ISHARES TR | INTL DEVPPTY ETF | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 43 0 * | ISHARES TR | ASIA 50 ETF | |
| 464288 90 0 | ISHARES TR | CALL | |
| 464288 95 0 | ISHARES TR | PUT | |
| 464288 44 8 * | ISHARES TR | INTL SEL DIV ETF | |
| 464288 90 8 | ISHARES TR | CALL | |
| 464288 95 8 | ISHARES TR | PUT | |

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| 464288 47 1 | ISHARES TR | EUR DEV RE ETF | |
| 464288 48 9 * | ISHARES TR | INTL DEV RE ETF | |
| 464288 90 9 | ISHARES TR | CALL | |
| 464288 95 9 | ISHARES TR | PUT | |
| 464288 49 7 | ISHARES TR | DEVSMCP EXNA ETF | |
| 464288 50 5 | ISHARES TR | MRGSTR SM CP ETF | |
| 464288 51 3 * | ISHARES TR | IBOXX HI YD ETF | |
| 464288 90 3 | ISHARES TR | CALL | |
| 464288 95 3 | ISHARES TR | PUT | |
| 464288 52 1 | ISHARES TR | CRE U S REIT ETF | |
| 464288 56 2 * | ISHARES TR | RESIDNL REAL EST | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 57 0 * | ISHARES TR | MSCI KLD400 SOC | |
| 464288 90 0 | ISHARES TR | CALL | |
| 464288 95 0 | ISHARES TR | PUT | |
| 464288 58 8 * | ISHARES TR | MBS ETF | |
| 464288 90 8 | ISHARES TR | CALL | |
| 464288 95 8 | ISHARES TR | PUT | |
| 464288 59 6 | ISHARES TR | GOV/CRED BD ETF | |
| 464288 60 4 | ISHARES TR | MRGSTR SM CP GR | |
| 464288 61 2 * | ISHARES TR | INTRM GOV CR ETF | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 62 0 * | ISHARES TR | USD INV GRDE ETF | |
| 464288 90 0 | ISHARES TR | CALL | |
| 464288 95 0 | ISHARES TR | PUT | |
| 464288 63 8 * | ISHARES TR | INTRM TR CRP ETF | |
| 464288 90 8 | ISHARES TR | CALL | |
| 464288 95 8 | ISHARES TR | PUT | |
| 464288 64 6 * | ISHARES TR | SH TR CRPORT ETF | |
| 464288 90 6 | ISHARES TR | CALL | |
| 464288 95 6 | ISHARES TR | PUT | |
| 464288 65 3 * | ISHARES TR | 10-20 YR TRS ETF | |

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| 464288 90 3 | ISHARES TR | CALL | |
| 464288 95 3 | ISHARES TR | PUT | |
| 464288 66 1 * | ISHARES TR | 3 7 YR TREAS BD | |
| 464288 90 1 | ISHARES TR | CALL | |
| 464288 95 1 | ISHARES TR | PUT | |
| 464288 67 9 * | ISHARES TR | SHORT TREAS BD | |
| 464288 90 9 | ISHARES TR | CALL | |
| 464288 95 9 | ISHARES TR | PUT | |
| 464288 68 7 * | ISHARES TR | PFD AND INCM SEC | |
| 464288 90 7 | ISHARES TR | CALL | |
| 464288 95 7 | ISHARES TR | PUT | |
| 464288 69 5 * | ISHARES TR | GLOBAL MATER ETF | |
| 464288 90 5 | ISHARES TR | CALL | |
| 464288 95 5 | ISHARES TR | PUT | |
| 464288 70 3 | ISHARES TR | MRNING SM CP ETF | |
| 464288 71 1 * | ISHARES TR | GLOB UTILITS ETF | |
| 464288 90 1 | ISHARES TR | CALL | |
| 464288 95 1 | ISHARES TR | PUT | |
| 464288 72 9 | ISHARES TR | GLOB INDSTRL ETF | |
| 464288 73 7 * | ISHARES TR | GLB CNSM STP ETF | |
| 464288 90 7 | ISHARES TR | CALL | |
| 464288 95 7 | ISHARES TR | PUT | |
| 464288 74 5 | ISHARES TR | GLB CNS DISC ETF | |
| 464288 75 2 * | ISHARES TR | US HOME CONS ETF | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 76 0 * | ISHARES TR | US AER DEF ETF | |
| 464288 90 0 | ISHARES TR | CALL | |
| 464288 95 0 | ISHARES TR | PUT | |
| 464288 77 8 * | ISHARES TR | US REGNL BKS ETF | |
| 464288 90 8 | ISHARES TR | CALL | |
| 464288 95 8 | ISHARES TR | PUT | |
| 464288 78 6 | ISHARES TR | U.S. INSRNCE ETF | |
| 464288 79 4 * | ISHARES TR | US BR DEL SE ETF | |

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| 464288 90 4 | ISHARES TR | CALL | |
| 464288 95 4 | ISHARES TR | PUT | |
| 464288 80 2 * | ISHARES TR | MSCI USA ESG SLC | |
| 464288 90 2 | ISHARES TR | CALL | |
| 464288 95 2 | ISHARES TR | PUT | |
| 464288 81 0 * | ISHARES TR | U.S. MED DVC ETF | |
| 464288 90 0 | ISHARES TR | CALL | |
| 464288 95 0 | ISHARES TR | PUT | |
| 464288 82 8 * | ISHARES TR | US HLTHCR PR ETF | |
| 464288 90 8 | ISHARES TR | CALL | |
| 464288 95 8 | ISHARES TR | PUT | |
| 464288 83 6 * | ISHARES TR | U.S. PHARMA ETF | |
| 464288 90 6 | ISHARES TR | CALL | |
| 464288 95 6 | ISHARES TR | PUT | |
| 464288 84 4 * | ISHARES TR | US OIL EQ&SV ETF | |
| 464288 90 4 | ISHARES TR | CALL | |
| 464288 95 4 | ISHARES TR | PUT | |
| 464288 85 1 * | ISHARES TR | US OIL GS EX ETF | |
| 464288 90 1 | ISHARES TR | CALL | |
| 464288 95 1 | ISHARES TR | PUT | |
| 464288 86 9 * | ISHARES TR | MICRO-CAP ETF | |
| 464288 90 9 | ISHARES TR | CALL | |
| 464288 95 9 | ISHARES TR | PUT | |
| 464288 87 7 * | ISHARES TR | EAFE VALUE ETF | |
| 464288 90 7 | ISHARES TR | CALL | |
| 464288 95 7 | ISHARES TR | PUT | |
| 464288 88 5 * | ISHARES TR | EAFE GRWTH ETF | |
| 464288 90 5 | ISHARES TR | CALL | |
| 464288 95 5 | ISHARES TR | PUT | |
| 464289 12 3 * | ISHARES TR | NEW ZEALAND ETF | |
| 464289 90 3 | ISHARES TR | CALL | |
| 464289 95 3 | ISHARES TR | PUT | |
| 464289 13 1 | ISHARES TR | BRAZIL SM-CP ETF | |
| 464289 18 0 * | ISHARES TR | MSCI EURO FL ETF | |

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|-----------------|--------------------|---------------------------|---------------|
| 464289 90 0 | ISHARES TR | CALL | |
| 464289 95 0 | ISHARES TR | PUT | |
| 464289 42 0 | ISHARES TR | RUS TP200 VL ETF | |
| 464289 43 8 | ISHARES TR | RUS TP200 GR ETF | |
| 464289 44 6 | ISHARES TR | RUS TOP 200 ETF | |
| 464289 47 9 | ISHARES TR | CORE LT USDB ETF | |
| 464289 51 1 * | ISHARES TR | LNG TR CRPRT BD | |
| 464289 90 1 | ISHARES TR | CALL | |
| 464289 95 1 | ISHARES TR | PUT | |
| 464289 52 9 * | ISHARES TR | INDIA 50 ETF | |
| 464289 90 9 | ISHARES TR | CALL | |
| 464289 95 9 | ISHARES TR | PUT | |
| 464289 84 2 * | ISHARES TR | MSCI PERU ETF | |
| 464289 90 2 | ISHARES TR | CALL | |
| 464289 95 2 | ISHARES TR | PUT | |
| 464289 85 9 | ISHARES TR | AGGRES ALLOC ETF | |
| 464289 86 7 | ISHARES TR | GRWT ALLOCAT ETF | |
| 464289 87 5 | ISHARES TR | MODERT ALLOC ETF | |
| 464289 88 3 | ISHARES TR | CONSER ALLOC ETF | |
| 46429B 13 5 * | ISHARES TR | INTL PFD STK ETF | |
| 46429B 90 5 | ISHARES TR | CALL | |
| 46429B 95 5 | ISHARES TR | PUT | |
| 46429B 20 0 * | ISHARES TR | CHINA SM-CAP ETF | |
| 46429B 90 0 | ISHARES TR | CALL | |
| 46429B 95 0 | ISHARES TR | PUT | |
| 46429B 26 7 * | ISHARES TR | US TREAS BD ETF | |
| 46429B 90 7 | ISHARES TR | CALL | |
| 46429B 95 7 | ISHARES TR | PUT | |
| 46429B 29 1 | ISHARES TR | A RATE CP BD ETF | |
| 46429B 30 9 * | ISHARES TR | MSCI INDONESIA ETF | |
| 46429B 90 9 | ISHARES TR | CALL | |
| 46429B 95 9 | ISHARES TR | PUT | |
| 46429B 33 3 | ISHARES TR | GNMA BOND ETF | |
| 46429B 36 6 | ISHARES TR | CMBS ETF | |

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|-----------------|--------------------|---------------------------|---------------|
| 46429B 40 8 * | ISHARES TR | MSCI PHILIPS ETF | |
| 46429B 90 8 | ISHARES TR | CALL | |
| 46429B 95 8 | ISHARES TR | PUT | |
| 46429B 41 6 | ISHARES TR | MSCI UK SM ETF | |
| 46429B 46 5 | ISHARES TR | MSCI GERMNY ETF | |
| 46429B 49 9 | ISHARES TR | MSCI NORWAY ETF | |
| 46429B 50 7 | ISHARES TR | MSCI IRELAND ETF | |
| 46429B 51 5 | ISHARES TR | MSCI FINLAND ETF | |
| 46429B 52 3 | ISHARES TR | MSCI DENMARK ETF | |
| 46429B 56 4 | ISHARES TR | IBONDS SEP19 ETF | |
| 46429B 59 8 * | ISHARES TR | MSCI INDIA ETF | |
| 46429B 90 8 | ISHARES TR | CALL | |
| 46429B 95 8 | ISHARES TR | PUT | |
| 46429B 60 6 * | ISHARES TR | MSCI POLAND ETF | |
| 46429B 90 6 | ISHARES TR | CALL | |
| 46429B 95 6 | ISHARES TR | PUT | |
| 46429B 61 4 | ISHARES TR | MSCI INDIA SM CP | |
| 46429B 65 5 * | ISHARES TR | FLTG RATE NT ETF | |
| 46429B 90 5 | ISHARES TR | CALL | |
| 46429B 95 5 | ISHARES TR | PUT | |
| 46429B 66 3 * | ISHARES TR | CORE HIGH DV ETF | |
| 46429B 90 3 | ISHARES TR | CALL | |
| 46429B 95 3 | ISHARES TR | PUT | |
| 46429B 67 1 * | ISHARES TR | MSCI CHINA ETF | |
| 46429B 90 1 | ISHARES TR | CALL | |
| 46429B 95 1 | ISHARES TR | PUT | |
| 46429B 68 9 * | ISHARES TR | MIN VOL EAFE ETF | |
| 46429B 90 9 | ISHARES TR | CALL | |
| 46429B 95 9 | ISHARES TR | PUT | |
| 46429B 69 7 * | ISHARES TR | MIN VOL USA ETF | |
| 46429B 90 7 | ISHARES TR | CALL | |
| 46429B 95 7 | ISHARES TR | PUT | |
| 46429B 74 7 | ISHARES TR | 0-5 YR TIPS ETF | |
| 46431W 50 7 | ISHARES US ETF TR | SHT MAT BD ETF | |

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|---------------|-------------------|--------------------|--------|
| 46431W 58 0 | ISHARES US ETF TR | INFLATION HEDG | |
| 46431W 59 8 | ISHARES US ETF TR | BLOOMBERG ROLL | |
| 46431W 60 6 * | ISHARES US ETF TR | IT RT HDG HGYL | |
| 46431W 90 6 | ISHARES US ETF TR | CALL | |
| 46431W 95 6 | ISHARES US ETF TR | PUT | |
| 46431W 61 4 | ISHARES US ETF TR | GOLD STRATEGY | |
| 46431W 62 2 | ISHARES US ETF TR | INOVATIV HLTCR | |
| 46431W 63 0 | ISHARES US ETF TR | MEDIA ENTRNMNT | |
| 46431W 64 8 | ISHARES US ETF TR | TECHNOLOGY | |
| 46431W 65 5 | ISHARES US ETF TR | EVOLVED FINLS | |
| 46431W 66 3 | ISHARES US ETF TR | DISCRETIONARY | |
| 46431W 67 1 | ISHARES US ETF TR | CONSUMER STPLS | |
| 46431W 68 9 | ISHARES US ETF TR | HEALTHCARE | |
| 46431W 70 5 * | ISHARES US ETF TR | INT RT HDG C B | |
| 46431W 90 5 | ISHARES US ETF TR | CALL | |
| 46431W 95 5 | ISHARES US ETF TR | PUT | |
| 46431W 81 2 | ISHARES US ETF TR | INT RT HD LONG | |
| 46431W 82 0 | ISHARES US ETF TR | INT RT HD EMRG | |
| 46431W 83 8 | ISHARES US ETF TR | SHT MAT MUN ETF | |
| 46431W 85 3 | ISHARES US ETF TR | COMMOD SEL STG | |
| 46432F AK 3 | ISHARES TR | IBNDS MAR20 ETF | |
| 46432F AN 7 | ISHARES TR | IBNDS MAR23 ETF | |
| 46432F AZ 0 | ISHARES TR | IBONDS MAR23 ETF | |
| 46432F BC 0 | ISHARES TR | IBONDS MAR20 ETF | |
| 46432F 33 9 * | ISHARES TR | USA QUALITY FCTR | |
| 46432F 90 9 | ISHARES TR | CALL | |
| 46432F 95 9 | ISHARES TR | PUT | |
| 46432F 37 0 * | ISHARES TR | USA SIZE FACTOR | |
| 46432F 90 0 | ISHARES TR | CALL | |
| 46432F 95 0 | ISHARES TR | PUT | |
| 46432F 38 8 * | ISHARES TR | EDGE MSCI USA VL | |
| 46432F 90 8 | ISHARES TR | CALL | |
| 46432F 95 8 | ISHARES TR | PUT | |
| 46432F 39 6 * | ISHARES TR | USA MOMENTUM FCT | |

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| 46432F 90 6 | ISHARES TR | CALL | |
| 46432F 95 6 | ISHARES TR | PUT | |
| 46432F 83 4 * | ISHARES TR | CORE MSCI TOTAL | |
| 46432F 90 4 | ISHARES TR | CALL | |
| 46432F 95 4 | ISHARES TR | PUT | |
| 46432F 84 2 * | ISHARES TR | CORE MSCI EAFE | |
| 46432F 90 2 | ISHARES TR | CALL | |
| 46432F 95 2 | ISHARES TR | PUT | |
| 46432F 85 9 | ISHARES TR | CORE 1 5 YR USD | |
| 46432F 87 5 | ISHARES TR | MRNGSTR INC ETF | |
| 464337 AG 9 | ISIS PHARMACEUTICALS INC DEL | NOTE 2.750%10/0 | |
| 464337 AJ 3 | ISIS PHARMACEUTICALS INC DEL | NOTE 1.000%11/1 | |
| 46434G 10 3 * | ISHARES INC | CORE MSCI EMKT | |
| 46434G 90 3 | ISHARES INC | CALL | |
| 46434G 95 3 | ISHARES INC | PUT | |
| 46434G 20 2 | ISHARES INC | MSCI COLMBIA ETF | |
| 46434G 50 9 | ISHARES INC | CUR HD MSCI EM | |
| 46434G 76 4 | ISHARES INC | MSCI EMRG CHN | |
| 46434G 77 2 * | ISHARES INC | MSCI TAIWAN ETF | |
| 46434G 90 2 | ISHARES INC | CALL | |
| 46434G 95 2 | ISHARES INC | PUT | |
| 46434G 78 0 * | ISHARES INC | MSCI SINGPOR ETF | |
| 46434G 90 0 | ISHARES INC | CALL | |
| 46434G 95 0 | ISHARES INC | PUT | |
| 46434G 79 8 * | ISHARES INC | MSCI RUSSIA ETF | |
| 46434G 90 8 | ISHARES INC | CALL | |
| 46434G 95 8 | ISHARES INC | PUT | |
| 46434G 81 4 * | ISHARES INC | MSCI MLY ETF NEW | |
| 46434G 90 4 | ISHARES INC | CALL | |
| 46434G 95 4 | ISHARES INC | PUT | |
| 46434G 82 2 * | ISHARES INC | MSCI JPN ETF NEW | |
| 46434G 90 2 | ISHARES INC | CALL | |
| 46434G 95 2 | ISHARES INC | PUT | |
| 46434G 83 0 * | ISHARES INC | MSCI ITALY ETF | |

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| 46434G 90 0 | ISHARES INC | CALL | |
| 46434G 95 0 | ISHARES INC | PUT | |
| 46434G 84 8 * | ISHARES INC | MSCI GBL ETF NEW | |
| 46434G 90 8 | ISHARES INC | CALL | |
| 46434G 95 8 | ISHARES INC | PUT | |
| 46434G 85 5 * | ISHARES INC | MSCI GBL GOLD MN | |
| 46434G 90 5 | ISHARES INC | CALL | |
| 46434G 95 5 | ISHARES INC | PUT | |
| 46434G 86 3 | ISHARES INC | ESG MSCI EM ETF | |
| 46434G 88 9 | ISHARES INC | MLT FCTR EMG MKT | |
| 46434V AQ 3 | ISHARES TR | IBONDS DEC20 ETF | |
| 46434V AU 4 | ISHARES TR | IBONDS DEC19 ETF | |
| 46434V AX 8 | ISHARES TR | IBONDS DEC23 ETF | |
| 46434V BA 7 | ISHARES TR | IBONDS DEC22 ETF | |
| 46434V BD 1 | ISHARES TR | IBONDS DEC25 ETF | |
| 46434V BG 4 | ISHARES TR | IBONDS DEC24 ETF | |
| 46434V BK 5 | ISHARES TR | IBONDS DEC21 ETF | |
| 46434V 10 0 | ISHARES TR | 0-5YR INVT GR CP | |
| 46434V 26 6 | ISHARES TR | MLTFCTR INTL SML | |
| 46434V 27 4 * | ISHARES TR | MULTIFACTOR INTL | |
| 46434V 90 4 | ISHARES TR | CALL | |
| 46434V 95 4 | ISHARES TR | PUT | |
| 46434V 28 2 * | ISHARES TR | MULTIFACTOR USA | |
| 46434V 90 2 | ISHARES TR | CALL | |
| 46434V 95 2 | ISHARES TR | PUT | |
| 46434V 29 0 | ISHARES TR | MULTIFACTOR USA | |
| 46434V 31 6 | ISHARES TR | MULTIFACTOR GBL | |
| 46434V 38 1 * | ISHARES TR | EXPONENTIAL TECH | |
| 46434V 90 1 | ISHARES TR | CALL | |
| 46434V 95 1 | ISHARES TR | PUT | |
| 46434V 40 7 * | ISHARES TR | 0-5YR HI YL CP | |
| 46434V 90 7 | ISHARES TR | CALL | |
| 46434V 95 7 | ISHARES TR | PUT | |
| 46434V 42 3 * | ISHARES TR | MSCI SAUDI ARBIA | |

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| 46434V 90 3 | ISHARES TR | CALL | |
| 46434V 95 3 | ISHARES TR | PUT | |
| 46434V 44 9 | ISHARES TR | INTL MOMENTUM FT | |
| 46434V 45 6 | ISHARES TR | INTL QLTY FACTOR | |
| 46434V 46 4 | ISHARES TR | MSCI LW CRB TG | |
| 46434V 51 4 * | ISHARES TR | MSCI CHINA A | |
| 46434V 90 4 | ISHARES TR | CALL | |
| 46434V 95 4 | ISHARES TR | PUT | |
| 46434V 57 1 | ISHARES TR | IBONDS SEP2020 | |
| 46434V 61 3 | ISHARES TR | CORE TOTAL USD | |
| 46434V 62 1 * | ISHARES TR | CORE DIV GRWTH | |
| 46434V 90 1 | ISHARES TR | CALL | |
| 46434V 95 1 | ISHARES TR | PUT | |
| 46434V 63 9 * | ISHARES TR | CUR HD EURZN ETF | |
| 46434V 90 9 | ISHARES TR | CALL | |
| 46434V 95 9 | ISHARES TR | PUT | |
| 46434V 64 7 | ISHARES TR | GLOBAL REIT ETF | |
| 46434V 69 6 | ISHARES TR | CORE MSCI PAC | |
| 46434V 70 4 * | ISHARES TR | CUR HED MSCI GER | |
| 46434V 90 4 | ISHARES TR | CALL | |
| 46434V 95 4 | ISHARES TR | PUT | |
| 46434V 71 2 | ISHARES TR | MIN VOL JAPN ETF | |
| 46434V 72 0 | ISHARES TR | MIN VOL EUROPE | |
| 46434V 73 8 * | ISHARES TR | CORE MSCI EURO | |
| 46434V 90 8 | ISHARES TR | CALL | |
| 46434V 95 8 | ISHARES TR | PUT | |
| 46434V 74 6 | ISHARES TR | MIN VOL ASIA JAP | |
| 46434V 76 1 | ISHARES TR | MSCI UAE ETF | |
| 46434V 77 9 | ISHARES TR | MSCI QATAR ETF | |
| 46434V 78 7 | ISHARES TR | YLD OPTIM BD | |
| 46434V 80 3 * | ISHARES TR | HDG MSCI EAFE | |
| 46434V 90 3 | ISHARES TR | CALL | |
| 46434V 95 3 | ISHARES TR | PUT | |
| 46434V 86 0 | ISHARES TR | TRS FLT RT BD | |

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| 46434V 87 8 | ISHARES TR | ULTR SH TRM BD | |
| 46434V 88 6 * | ISHARES TR | HDG MSCI JAPAN | |
| 46434V 90 6 | ISHARES TR | CALL | |
| 46434V 95 6 | ISHARES TR | PUT | |
| 46435G AA 0 | ISHARES TR | IBONDS DEC2026 | |
| 46435G 10 2 | ISHARES TR | CONV BD ETF | |
| 46435G 14 4 | ISHARES TR | 10 YR INVT GRD | |
| 46435G 15 1 | ISHARES TR | 5 10 YR INVT | |
| 46435G 16 9 | ISHARES TR | RUSSELL 1000 US | |
| 46435G 19 3 | ISHARES TR | ESG USD CORPT | |
| 46435G 21 9 | ISHARES TR | EDGE INVT GRDE | |
| 46435G 24 3 | ISHARES TR | ESG 1 5 YR USD | |
| 46435G 25 0 | ISHARES TR | EDEG HIG YLELD | |
| 46435G 26 8 | ISHARES TR | RUSEL 2500 ETF | |
| 46435G 27 6 | ISHARES TR | MSCI ARGENTINA | |
| 46435G 31 8 | ISHARES TR | IBONDS DEC2023 | |
| 46435G 32 6 | ISHARES TR | CORE MSCI INTL | |
| 46435G 33 4 * | ISHARES TR | MSCI UK ETF NEW | |
| 46435G 90 4 | ISHARES TR | CALL | |
| 46435G 95 4 | ISHARES TR | PUT | |
| 46435G 34 2 * | ISHARES TR | MORTGE REL ETF | |
| 46435G 90 2 | ISHARES TR | CALL | |
| 46435G 95 2 | ISHARES TR | PUT | |
| 46435G 40 9 | ISHARES TR | INTL VALUE FACTR | |
| 46435G 41 7 | ISHARES TR | CR 5 10 YR ETF | |
| 46435G 42 5 | ISHARES TR | ESG MSCI USA ETF | |
| 46435G 43 3 | ISHARES TR | EDGE MSCI MINM | |
| 46435G 44 1 | ISHARES TR | IBOXX HIG YLD EX | |
| 46435G 47 4 | ISHARES TR | FALN ANGLS USD | |
| 46435G 50 8 | ISHARES TR | INTL SIZE FACTOR | |
| 46435G 51 6 | ISHARES TR | ESG MSCI EAFE | |
| 46435G 52 4 | ISHARES TR | INTL DIV GRWTH | |
| 46435G 53 2 | ISHARES TR | MSCI GLOBAL IMP | |
| 46435G 60 7 | ISHARES TR | MSCI AUSTRALIA | |

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| 46435G 64 9 | ISHARES TR | ADAPTV JPN ETF | |
| 46435G 65 6 | ISHARES TR | ADAPTIVE ETF | |
| 46435G 66 4 | ISHARES TR | ADAPTV EUR ETF | |
| 46435G 67 2 | ISHARES TR | CORE INTL AGGR | |
| 46435G 70 6 | ISHARES TR | MSCI CDA ETF | |
| 46435G 72 2 | ISHARES TR | JPX NIKKEI 400 | |
| 46435G 75 5 | ISHARES TR | IBONDS DEC2022 | |
| 46435G 78 9 | ISHARES TR | IBONDS DEC2021 | |
| 46435G 80 5 | ISHARES TR | MSCI MEXICO | |
| 46435G 81 3 | ISHARES TR | MSCI SPAIN ETF | |
| 46435G 82 1 | ISHARES TR | MSCI ITALY ETF | |
| 46435G 83 9 | ISHARES TR | MSCI EAFE SMCP | |
| 46435G 84 7 | ISHARES TR | MSCI ACWI EXUS | |
| 46435G 86 2 | ISHARES TR | MSCI UN KNGDOM | |
| 46435G 87 0 | ISHARES TR | MSCI SWITZERLD | |
| 46435G 88 8 | ISHARES TR | MSCI SO KOREA | |
| 46435U AA 9 | ISHARES TR | IBONDS ETF | |
| 46435U 13 5 * | ISHARES TR | CYBERSECURITY | ADDED |
| 46435U 90 5 | ISHARES TR | CALL | ADDED |
| 46435U 95 5 | ISHARES TR | PUT | ADDED |
| 46435U 14 3 | ISHARES TR | EDGE MSCI MULT | ADDED |
| 46435U 15 0 | ISHARES TR | IBONDS 23 TRM HG | ADDED |
| 46435U 16 8 | ISHARES TR | IBONDS 25 TRM HG | ADDED |
| 46435U 17 6 | ISHARES TR | IBONDS 22 TRM HG | ADDED |
| 46435U 18 4 | ISHARES TR | IBONDS 24 TRM HG | ADDED |
| 46435U 19 2 * | ISHARES TR | GENOMICS IMMUN | ADDED |
| 46435U 90 2 | ISHARES TR | CALL | ADDED |
| 46435U 95 2 | ISHARES TR | PUT | ADDED |
| 46435U 21 8 | ISHARES TR | ESG MSCI LEADR | ADDED |
| 46435U 22 6 | ISHARES TR | IBONDS 21 TRM HG | ADDED |
| 46435U 25 9 | ISHARES TR | IBONDS DEC 26 | ADDED |
| 46435U 28 3 | ISHARES TR | IBONDS DEC 27 | ADDED |
| 46435U 32 5 | ISHARES TR | IBONDS DEC 28 | ADDED |
| 46435U 33 3 | ISHARES TR | FOCUSD VAL FAC | |

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| 46435U 36 6 | ISHARES TR | SELF DRIVNG EV | ADDED |
| 46435U 37 4 | ISHARES TR | MSCI JP VALUE | |
| 46435U 38 2 | ISHARES TR | MSCI JP EQU | |
| 46435U 43 2 | ISHARES TR | IBONDS DEC 25 | |
| 46435U 44 0 | ISHARES TR | GBL GREEN ETF | |
| 46435U 51 5 | ISHARES TR | IBDS DEC28 ETF | |
| 46435U 54 9 | ISHARES TR | ESG US AGR BD | |
| 46435U 55 6 * | ISHARES TR | ROBOTICS ARTIF | |
| 46435U 90 6 | ISHARES TR | CALL | |
| 46435U 95 6 | ISHARES TR | PUT | |
| 46435U 66 3 | ISHARES TR | ESG MSCI USA SML | |
| 46435U 69 7 | ISHARES TR | IBONDS DEC | |
| 46435U 71 3 | ISHARES TR | US INFRASTRUC | |
| 46435U 79 6 | ISHARES TR | EDGE US FIXD INM | |
| 46435U 85 3 * | ISHARES TR | BROAD USD HIGH | |
| 46435U 90 3 | ISHARES TR | CALL | |
| 46435U 95 3 | ISHARES TR | PUT | |
| 46435U 86 1 | ISHARES TR | US DIVID BYBCK | |
| 46489V 10 4 | ISORAY INC | COM | |
| 465141 40 6 | ISRAMCO INC | COM NEW | |
| 46520M 20 4 | ISSUER DIRECT CORPORATION | COM NEW | |
| 46527C 10 0 * | IT TECH PACKAGING INC | COM NEW | |
| 46527C 90 0 | IT TECH PACKAGING INC | CALL | |
| 46527C 95 0 | IT TECH PACKAGING INC | PUT | |
| 465437 10 1 | ITAMAR MED LTD | SPONSORED ADS | |
| 465562 10 6 * | ITAU UNIBANCO HLDG SA | SPON ADR REP PFD | |
| 465562 90 6 | ITAU UNIBANCO HLDG SA | CALL | |
| 465562 95 6 | ITAU UNIBANCO HLDG SA | PUT | |
| 46564T 10 7 * | ITERIS INC | COM | |
| 46564T 90 7 | ITERIS INC | CALL | |
| 46564T 95 7 | ITERIS INC | PUT | |
| 46571Y 10 7 | I3 VERTICALS INC | COM CL A | |
| 465741 10 6 * | ITRON INC | COM | |
| 465741 90 6 | ITRON INC | CALL | |

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| 465741 95 6 | ITRON INC | PUT | |
| 46583P 10 2 * | IVERIC BIO INC | COM | ADDED |
| 46583P 90 2 | IVERIC BIO INC | CALL | ADDED |
| 46583P 95 2 | IVERIC BIO INC | PUT | ADDED |
| 465893 10 5 | IVY HIGH INC OPPORTUNITIES F | COM | |
| 46590V 10 0 * | JBG SMITH PPTYS | COM | |
| 46590V 90 0 | JBG SMITH PPTYS | CALL | |
| 46590V 95 0 | JBG SMITH PPTYS | PUT | |
| 466032 10 9 * | J & J SNACK FOODS CORP | COM | |
| 466032 90 9 | J & J SNACK FOODS CORP | CALL | |
| 466032 95 9 | J & J SNACK FOODS CORP | PUT | |
| 46604H 10 5 | IZEA WORLDWIDE INC | COM | |
| 46609J 10 6 * | J ALEXANDERS HLDGS INC | COM | |
| 46609J 90 6 | J ALEXANDERS HLDGS INC | CALL | |
| 46609J 95 6 | J ALEXANDERS HLDGS INC | PUT | |
| 46620W 10 2 * | J JILL INC | COM | |
| 46620W 90 2 | J JILL INC | CALL | |
| 46620W 95 2 | J JILL INC | PUT | |
| 46625H 10 0 * | JPMORGAN CHASE & CO | COM | |
| 46625H 90 0 | JPMORGAN CHASE & CO | CALL | |
| 46625H 95 0 | JPMORGAN CHASE & CO | PUT | |
| 46625H 36 5 * | JPMORGAN CHASE & CO | ALERIAN ML ETN | |
| 46625H 90 5 | JPMORGAN CHASE & CO | CALL | |
| 46625H 95 5 | JPMORGAN CHASE & CO | PUT | |
| 46629U 10 7 | JMP GROUP LLC | COM | |
| 466313 10 3 * | JABIL INC | COM | |
| 466313 90 3 | JABIL INC | CALL | |
| 466313 95 3 | JABIL INC | PUT | |
| 466367 10 9 * | JACK IN THE BOX INC | COM | |
| 466367 90 9 | JACK IN THE BOX INC | CALL | |
| 466367 95 9 | JACK IN THE BOX INC | PUT | |
| 46641Q 10 0 | JP MORGAN EXCHANGE TRADED FD | DIV RTN GLB EQ | |
| 46641Q 20 9 * | JP MORGAN EXCHANGE TRADED FD | DIV RTN INT EQ | |
| 46641Q 90 9 | JP MORGAN EXCHANGE TRADED FD | CALL | |

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| 46641Q 95 9 | JP MORGAN EXCHANGE | TRADED FD PUT | |
| 46641Q 30 8 * | JP MORGAN EXCHANGE | TRADED FD DIV RTN EM EQT | |
| 46641Q 90 8 | JP MORGAN EXCHANGE | TRADED FD CALL | |
| 46641Q 95 8 | JP MORGAN EXCHANGE | TRADED FD PUT | |
| 46641Q 38 1 | JP MORGAN EXCHANGE | TRADED FD BETABLDERS 1-5YR | |
| 46641Q 39 9 | JP MORGAN EXCHANGE | TRADED FD BETABUILDERS US | |
| 46641Q 40 7 * | JP MORGAN EXCHANGE | TRADED FD JPMORGAN DIVER | |
| 46641Q 90 7 | JP MORGAN EXCHANGE | TRADED FD CALL | |
| 46641Q 95 7 | JP MORGAN EXCHANGE | TRADED FD PUT | |
| 46641Q 44 9 | JP MORGAN EXCHANGE | TRADED FD CORP BD RESCH | |
| 46641Q 60 5 | JP MORGAN EXCHANGE | TRADED FD DIV RTN EU ETF | |
| 46641Q 61 3 | JP MORGAN EXCHANGE | TRADED FD US AGGREGATE | |
| 46641Q 64 7 | JP MORGAN EXCHANGE | TRADED FD MUNICIPAL ETF | |
| 46641Q 65 4 | JP MORGAN EXCHANGE | TRADED FD ULTRA SHT MUNCPPL | |
| 46641Q 67 0 | JP MORGAN EXCHANGE | TRADED FD CORE PLUS BD ETF | |
| 46641Q 68 8 | JP MORGAN EXCHANGE | TRADED FD BETABULDR DEVE | |
| 46641Q 69 6 | JP MORGAN EXCHANGE | TRADED FD BETABULDRS CDA | |
| 46641Q 71 2 | JP MORGAN EXCHANGE | TRADED FD BETBULD JAPAN | |
| 46641Q 72 0 | JP MORGAN EXCHANGE | TRADED FD BETBULD EUROPE | |
| 46641Q 73 8 | JP MORGAN EXCHANGE | TRADED FD BETBULD MSCI | |
| 46641Q 74 6 | JP MORGAN EXCHANGE | TRADED FD USD EMRNG MKT | |
| 46641Q 75 3 | JP MORGAN EXCHANGE | TRADED FD US VALUE FACTR | |
| 46641Q 76 1 | JP MORGAN EXCHANGE | TRADED FD US QUALTY FCTR | |
| 46641Q 77 9 | JP MORGAN EXCHANGE | TRADED FD US MOMENTUM | |
| 46641Q 78 7 | JP MORGAN EXCHANGE | TRADED FD US MINMUM VOLT | |
| 46641Q 79 5 | JP MORGAN EXCHANGE | TRADED FD US DIVIDEND | |
| 46641Q 80 3 | JP MORGAN EXCHANGE | TRADED FD DIVERSIFIED ET | |
| 46641Q 81 1 | JP MORGAN EXCHANGE | TRADED FD LONG SHORT ETF | |
| 46641Q 82 9 | JP MORGAN EXCHANGE | TRADED FD MANAGED FUTURE | |
| 46641Q 83 7 | JP MORGAN EXCHANGE | TRADED FD ULTRA SHRT INC | |
| 46641Q 84 5 | JP MORGAN EXCHANGE | TRADED FD DIVERSFD EQT ETF | |
| 46641Q 85 2 | JP MORGAN EXCHANGE | TRADED FD GLOBAL BD OPRT | |
| 46641Q 86 0 | JP MORGAN EXCHANGE | TRADED FD EVENT DRIVEN | |
| 46641Q 87 8 | JP MORGAN EXCHANGE | TRADED FD DCPLND HG YLD | |

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| 46641Q 88 6 | JP MORGAN EXCHANGE TRADED FD | DIVERSFED RTRN | |
| 46647L 20 4 | JMU LTD | SPONSORED ADS | |
| 469814 10 7 * | JACOBS ENGR GROUP INC | COM | |
| 469814 90 7 | JACOBS ENGR GROUP INC | CALL | |
| 469814 95 7 | JACOBS ENGR GROUP INC | PUT | |
| 47009K 10 7 * | JAGGED PEAK ENERGY INC | COM | |
| 47009K 90 7 | JAGGED PEAK ENERGY INC | CALL | |
| 47009K 95 7 | JAGGED PEAK ENERGY INC | PUT | |
| 47010C 30 0 | JAGUAR HEALTH INC | COM NEW | DELETED |
| 47010C 40 9 | JAGUAR HEALTH INC | COM | ADDED |
| 47012E 10 6 * | JAKKS PAC INC | COM | |
| 47012E 90 6 | JAKKS PAC INC | CALL | |
| 47012E 95 6 | JAKKS PAC INC | PUT | |
| 470299 10 8 | BANK OF THE ST JAMES FINL GP | COM | |
| 47030M 10 6 | JAMES HARDIE INDS PLC | SPONSORED ADR | |
| 47103U 10 0 | JANUS DETROIT STR TR | HENDERSN CAP ETF | |
| 47103U 20 9 | JANUS DETROIT STR TR | HENDERSN SML ETF | |
| 47103U 40 7 | JANUS DETROIT STR TR | LONG TERM CARE | |
| 47103U 50 6 | JANUS DETROIT STR TR | OBESITY ETF | |
| 47103U 60 5 | JANUS DETROIT STR TR | ORGANICS ETF | |
| 47103U 85 2 | JANUS DETROIT STR TR | HENDERSON MTG | |
| 47103U 88 6 | JANUS DETROIT STR TR | HENDRSN SHRT ETF | |
| 47109U 10 4 | JAPAN SMALLER CAPTLZTN FD IN | COM | |
| 471109 AL 2 | JARDEN CORP | NOTE 1.500% 6/1 | DELETED |
| 471109 AM 0 | JARDEN CORP | NOTE 1.125% 3/1 | |
| 471172 10 6 | JASON INDS INC | COM | |
| 471172 11 4 | JASON INDS INC | *W EXP 06/30/201 | |
| 472145 AB 7 | JAZZ INVESTMENTS I LTD | NOTE 1.875% 8/1 | |
| 472145 AD 3 | JAZZ INVESTMENTS I LTD | NOTE 1.500% 8/1 | |
| 47215P 10 6 * | JD COM INC | SPON ADR CL A | |
| 47215P 90 6 | JD COM INC | CALL | |
| 47215P 95 6 | JD COM INC | PUT | |
| 47233W 10 9 * | JEFFERIES FINL GROUP INC | COM | |
| 47233W 90 9 | JEFFERIES FINL GROUP INC | CALL | |

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| 47233W 95 9 | JEFFERIES FINL GROUP INC | PUT | |
| 47580P 10 3 * | JELD-WEN HLDG INC | COM | |
| 47580P 90 3 | JELD-WEN HLDG INC | CALL | |
| 47580P 95 3 | JELD-WEN HLDG INC | PUT | |
| 47632B 10 2 | JENSYN ACQUISITION CORP | COM | DELETED |
| 47632B 11 0 | JENSYN ACQUISITION CORP | *W EXP 03/07/202 | DELETED |
| 47632B 12 8 | JENSYN ACQUISITION CORP | RIGHT 99/99/9999 | DELETED |
| 47632B 20 1 | JENSYN ACQUISITION CORP | UNIT 99/99/9999 | DELETED |
| 47632P 10 1 | JERASH HLDGS US INC | COM | |
| 476405 10 5 | JERNIGAN CAP INC | COM | |
| 477143 10 1 * | JETBLUE AWYS CORP | COM | |
| 477143 90 1 | JETBLUE AWYS CORP | CALL | |
| 477143 95 1 | JETBLUE AWYS CORP | PUT | |
| 47733C 20 7 | JEWETT CAMERON TRADING LTD | COM NEW | |
| 47737C 10 4 | JIAYIN GROUP INC | SPONSORED ADS | ADDED |
| 47738D 10 1 | JIANPU TECHNOLOGY INC | ADR | |
| 47759T 10 0 * | JINKOSOLAR HLDG CO LTD | SPONSORED ADR | |
| 47759T 90 0 | JINKOSOLAR HLDG CO LTD | CALL | |
| 47759T 95 0 | JINKOSOLAR HLDG CO LTD | PUT | |
| 477839 10 4 * | JOHN BEAN TECHNOLOGIES CORP | COM | |
| 477839 90 4 | JOHN BEAN TECHNOLOGIES CORP | CALL | |
| 477839 95 4 | JOHN BEAN TECHNOLOGIES CORP | PUT | |
| 47804J 10 7 | JOHN HANCOCK ETF TRUST | MLTFCTR LRG CAP | |
| 47804J 20 6 | JOHN HANCOCK ETF TRUST | MULTIFACTOR MI | |
| 47804J 30 5 | JOHN HANCOCK ETF TRUST | MULTIFACTOR CO | |
| 47804J 40 4 | JOHN HANCOCK ETF TRUST | MULTIFACTOR FI | |
| 47804J 50 3 | JOHN HANCOCK ETF TRUST | MULTIFACTOR HE | |
| 47804J 60 2 | JOHN HANCOCK ETF TRUST | MULTIFACTOR TE | |
| 47804J 70 1 | JOHN HANCOCK ETF TRUST | MLTFACOR ENRG | |
| 47804J 80 0 | JOHN HANCOCK ETF TRUST | MLTFACOR MATLS | |
| 47804J 82 6 | JOHN HANCOCK ETF TRUST | MLTDCTR MEDIA | |
| 47804J 83 4 | JOHN HANCOCK ETF TRUST | MULTIFCTR EMRNG | |
| 47804J 84 2 | JOHN HANCOCK ETF TRUST | MULTIFACTR SML | |
| 47804J 85 9 | JOHN HANCOCK ETF TRUST | MULTI INTL ETF | |

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| 47804J 86 7 | JOHN HANCOCK ETF TRUST | MLTFACTR UTILS | |
| 47804J 87 5 | JOHN HANCOCK ETF TRUST | MLTFCTR CONSMR | |
| 47804J 88 3 | JOHN HANCOCK ETF TRUST | MLTFACTR INDLS | |
| 47804L 10 2 | JOHN HANCOCK HDG EQ & INC FD | COM | |
| 478160 10 4 * | JOHNSON & JOHNSON | COM | |
| 478160 90 4 | JOHNSON & JOHNSON | CALL | |
| 478160 95 4 | JOHNSON & JOHNSON | PUT | |
| 479167 10 8 | JOHNSON OUTDOORS INC | CL A | |
| 47973J 10 2 | JOINT CORP | COM | |
| 48020Q 10 7 * | JONES LANG LASALLE INC | COM | |
| 48020Q 90 7 | JONES LANG LASALLE INC | CALL | |
| 48020Q 95 7 | JONES LANG LASALLE INC | PUT | |
| 481116 10 1 * | JOUNCE THERAPEUTICS INC | COM | |
| 481116 90 1 | JOUNCE THERAPEUTICS INC | CALL | |
| 481116 95 1 | JOUNCE THERAPEUTICS INC | PUT | |
| 48123V AC 6 | J2 GLOBAL INC | NOTE 3.250% 6/1 | |
| 48123V 10 2 * | J2 GLOBAL INC | COM | |
| 48123V 90 2 | J2 GLOBAL INC | CALL | |
| 48123V 95 2 | J2 GLOBAL INC | PUT | |
| 48129G 70 3 | JPMORGAN CHASE FINL CO LLC | CUSHING MLP 37 | |
| 48138L 10 7 * | JUMEI INTL HLDG LTD | SPONSORED ADR | |
| 48138L 90 7 | JUMEI INTL HLDG LTD | CALL | |
| 48138L 95 7 | JUMEI INTL HLDG LTD | PUT | |
| 48138M 10 5 * | JUMIA TECHNOLOGIES AG | SPONSORED ADS | ADDED |
| 48138M 90 5 | JUMIA TECHNOLOGIES AG | CALL | ADDED |
| 48138M 95 5 | JUMIA TECHNOLOGIES AG | PUT | ADDED |
| 48203R 10 4 * | JUNIPER NETWORKS INC | COM | |
| 48203R 90 4 | JUNIPER NETWORKS INC | CALL | |
| 48203R 95 4 | JUNIPER NETWORKS INC | PUT | |
| 48205B 10 7 * | JUPAI HLDGS LTD | ADS | |
| 48205B 90 7 | JUPAI HLDGS LTD | CALL | |
| 48205B 95 7 | JUPAI HLDGS LTD | PUT | |
| 48213W 10 1 * | JUST ENERGY GROUP INC | COM | |
| 48213W 90 1 | JUST ENERGY GROUP INC | CALL | |

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| 48213W 95 1 | JUST ENERGY GROUP INC | PUT | |
| 48238T 10 9 * | KAR AUCTION SVCS INC | COM | |
| 48238T 90 9 | KAR AUCTION SVCS INC | CALL | |
| 48238T 95 9 | KAR AUCTION SVCS INC | PUT | |
| 48241A 10 5 * | KB FINANCIAL GROUP INC | SPONSORED ADR | |
| 48241A 90 5 | KB FINANCIAL GROUP INC | CALL | |
| 48241A 95 5 | KB FINANCIAL GROUP INC | PUT | |
| 48242A 10 4 | KBL MERGER CORP IV | COM | |
| 48242A 11 2 | KBL MERGER CORP IV | *W EXP 01/15/202 | |
| 48242A 12 0 | KBL MERGER CORP IV | RIGHT 09/09/2019 | |
| 48242A 20 3 | KBL MERGER CORP IV | UNIT 01/15/2024 | |
| 48242W 10 6 * | KBR INC | COM | |
| 48242W 90 6 | KBR INC | CALL | |
| 48242W 95 6 | KBR INC | PUT | |
| 482480 10 0 * | KLA-TENCOR CORP | COM | |
| 482480 90 0 | KLA-TENCOR CORP | CALL | |
| 482480 95 0 | KLA-TENCOR CORP | PUT | |
| 48249T 10 6 | KKR INCOME OPPORTUNITIES FD | COM | |
| 48251K AB 6 | KKR REAL ESTATE FIN TR INC | NOTE 6.125% 5/1 | ADDED |
| 48251K 10 0 | KKR REAL ESTATE FIN TR INC | COM | |
| 48251W 10 4 * | KKR & CO INC | CL A | |
| 48251W 90 4 | KKR & CO INC | CALL | |
| 48251W 95 4 | KKR & CO INC | PUT | |
| 48253L 10 6 * | KLX ENERGY SERVICES HOLDNGS I | COM | |
| 48253L 90 6 | KLX ENERGY SERVICES HOLDNGS I | CALL | |
| 48253L 95 6 | KLX ENERGY SERVICES HOLDNGS I | PUT | |
| 48268K 10 1 * | KT CORP | SPONSORED ADR | |
| 48268K 90 1 | KT CORP | CALL | |
| 48268K 95 1 | KT CORP | PUT | |
| 48273U 10 2 * | K12 INC | COM | |
| 48273U 90 2 | K12 INC | CALL | |
| 48273U 95 2 | K12 INC | PUT | |
| 482738 10 1 * | KVH INDS INC | COM | |
| 482738 90 1 | KVH INDS INC | CALL | |

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| 482738 95 1 | KVH INDS INC | PUT | |
| 48282T 10 4 * | KADANT INC | COM | |
| 48282T 90 4 | KADANT INC | CALL | |
| 48282T 95 4 | KADANT INC | PUT | |
| 48283N 10 6 * | KADMON HLDGS INC | COM | |
| 48283N 90 6 | KADMON HLDGS INC | CALL | |
| 48283N 95 6 | KADMON HLDGS INC | PUT | |
| 483007 70 4 * | KAISER ALUMINUM CORP | COM PAR \$0.01 | |
| 483007 90 4 | KAISER ALUMINUM CORP | CALL | |
| 483007 95 4 | KAISER ALUMINUM CORP | PUT | |
| 483119 10 3 * | KALA PHARMACEUTICALS INC | COM | |
| 483119 90 3 | KALA PHARMACEUTICALS INC | CALL | |
| 483119 95 3 | KALA PHARMACEUTICALS INC | PUT | |
| 483347 10 0 | KALEIDO BIOSCIENCES INC | COM | |
| 483497 10 3 | KALVISTA PHARMACEUTICALS INC | COM | |
| 483548 AF 0 | KAMAN CORP | NOTE 3.250% 5/0 | |
| 483548 10 3 * | KAMAN CORP | COM | |
| 483548 90 3 | KAMAN CORP | CALL | |
| 483548 95 3 | KAMAN CORP | PUT | |
| 483709 10 1 * | KANDI TECHNOLOGIES GROUP INC | COM | |
| 483709 90 1 | KANDI TECHNOLOGIES GROUP INC | CALL | |
| 483709 95 1 | KANDI TECHNOLOGIES GROUP INC | PUT | |
| 485170 30 2 * | KANSAS CITY SOUTHERN | COM NEW | |
| 485170 90 2 | KANSAS CITY SOUTHERN | CALL | |
| 485170 95 2 | KANSAS CITY SOUTHERN | PUT | |
| 48576A 10 0 | KARUNA THERAPEUTICS INC | COM | ADDED |
| 48576U 10 6 * | KARYOPHARM THERAPEUTICS INC | COM | |
| 48576U 90 6 | KARYOPHARM THERAPEUTICS INC | CALL | |
| 48576U 95 6 | KARYOPHARM THERAPEUTICS INC | PUT | |
| 486606 10 6 * | KAYNE ANDERSN MLP MIDS INVT | COM | |
| 486606 90 6 | KAYNE ANDERSN MLP MIDS INVT | CALL | |
| 486606 95 6 | KAYNE ANDERSN MLP MIDS INVT | PUT | |
| 48661E 10 8 | KAYNE ANDERSON MDSTM ENERGY | COM | |
| 48666K 10 9 * | KB HOME | COM | |

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| 48666K 90 9 | KB HOME | CALL | |
| 48666K 95 9 | KB HOME | PUT | |
| 48668E 10 1 * | KCAP FINL INC | COM | DELETED |
| 48668E 90 1 | KCAP FINL INC | CALL | DELETED |
| 48668E 95 1 | KCAP FINL INC | PUT | DELETED |
| 48669A 10 8 * | KEANE GROUP INC | COM | |
| 48669A 90 8 | KEANE GROUP INC | CALL | |
| 48669A 95 8 | KEANE GROUP INC | PUT | |
| 48669G 10 5 | KAZIA THERAPEUTICS LTD | SPONSORED ADR | |
| 48716P 10 8 * | KEARNY FINL CORP MD | COM | |
| 48716P 90 8 | KEARNY FINL CORP MD | CALL | |
| 48716P 95 8 | KEARNY FINL CORP MD | PUT | |
| 487836 10 8 * | KELLOGG CO | COM | |
| 487836 90 8 | KELLOGG CO | CALL | |
| 487836 95 8 | KELLOGG CO | PUT | |
| 488152 20 8 * | KELLY SVCS INC | CL A | |
| 488152 90 8 | KELLY SVCS INC | CALL | |
| 488152 95 8 | KELLY SVCS INC | PUT | |
| 488152 30 7 * | KELLY SVCS INC | CL B | |
| 488152 90 7 | KELLY SVCS INC | CALL | |
| 488152 95 7 | KELLY SVCS INC | PUT | |
| 48826D 20 1 | KELSO TECHNOLOGIES INC | COM NEW | |
| 488360 20 7 * | KEMET CORP | COM NEW | |
| 488360 90 7 | KEMET CORP | CALL | |
| 488360 95 7 | KEMET CORP | PUT | |
| 488401 10 0 * | KEMPER CORP DEL | COM | |
| 488401 90 0 | KEMPER CORP DEL | CALL | |
| 488401 95 0 | KEMPER CORP DEL | PUT | |
| 488445 AB 3 | KEMPHARM INC | NOTE 5.500% 2/0 | |
| 488445 10 7 * | KEMPHARM INC | COM | |
| 488445 90 7 | KEMPHARM INC | CALL | |
| 488445 95 7 | KEMPHARM INC | PUT | |
| 489170 10 0 * | KENNAMETAL INC | COM | |
| 489170 90 0 | KENNAMETAL INC | CALL | |

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| 489170 95 0 | KENNAMETAL INC | PUT | |
| 489398 10 7 * | KENNEDY-WILSON HLDGS INC | COM | |
| 489398 90 7 | KENNEDY-WILSON HLDGS INC | CALL | |
| 489398 95 7 | KENNEDY-WILSON HLDGS INC | PUT | |
| 491292 10 8 | KENTUCKY FIRST FED BANCORP | COM | |
| 49271V 10 0 * | KEURIG DR PEPPER INC | COM | |
| 49271V 90 0 | KEURIG DR PEPPER INC | CALL | |
| 49271V 95 0 | KEURIG DR PEPPER INC | PUT | |
| 492854 10 4 | KEWAUNEE SCIENTIFIC CORP | COM | |
| 49309J 10 3 * | KEY ENERGY SVCS INC DEL | COM | |
| 49309J 90 3 | KEY ENERGY SVCS INC DEL | CALL | |
| 49309J 95 3 | KEY ENERGY SVCS INC DEL | PUT | |
| 493144 10 9 * | KEY TRONIC CORP | COM | |
| 493144 90 9 | KEY TRONIC CORP | CALL | |
| 493144 95 9 | KEY TRONIC CORP | PUT | |
| 493267 10 8 * | KEYCORP NEW | COM | |
| 493267 90 8 | KEYCORP NEW | CALL | |
| 493267 95 8 | KEYCORP NEW | PUT | |
| 49338L 10 3 * | KEYSIGHT TECHNOLOGIES INC | COM | |
| 49338L 90 3 | KEYSIGHT TECHNOLOGIES INC | CALL | |
| 49338L 95 3 | KEYSIGHT TECHNOLOGIES INC | PUT | |
| 49372L 10 0 | KEZAR LIFE SCIENCES INC | COM | |
| 493723 10 0 * | KEYW HLDG CORP | COM | DELETED |
| 493723 90 0 | KEYW HLDG CORP | CALL | DELETED |
| 493723 95 0 | KEYW HLDG CORP | PUT | DELETED |
| 493732 10 1 * | KFORCE INC | COM | |
| 493732 90 1 | KFORCE INC | CALL | |
| 493732 95 1 | KFORCE INC | PUT | |
| 49427F 10 8 * | KILROY RLTY CORP | COM | |
| 49427F 90 8 | KILROY RLTY CORP | CALL | |
| 49427F 95 8 | KILROY RLTY CORP | PUT | |
| 494274 10 3 * | KIMBALL INTL INC | CL B | |
| 494274 90 3 | KIMBALL INTL INC | CALL | |
| 494274 95 3 | KIMBALL INTL INC | PUT | |

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| 49428J 10 9 * | KIMBALL ELECTRONICS INC | COM | |
| 49428J 90 9 | KIMBALL ELECTRONICS INC | CALL | |
| 49428J 95 9 | KIMBALL ELECTRONICS INC | PUT | |
| 49435R 10 2 | KIMBELL RTY PARTNERS LP | UNIT | |
| 494368 10 3 * | KIMBERLY CLARK CORP | COM | |
| 494368 90 3 | KIMBERLY CLARK CORP | CALL | |
| 494368 95 3 | KIMBERLY CLARK CORP | PUT | |
| 49446R 10 9 * | KIMCO RLTY CORP | COM | |
| 49446R 90 9 | KIMCO RLTY CORP | CALL | |
| 49446R 95 9 | KIMCO RLTY CORP | PUT | |
| 49456B 10 1 * | KINDER MORGAN INC DEL | COM | |
| 49456B 90 1 | KINDER MORGAN INC DEL | CALL | |
| 49456B 95 1 | KINDER MORGAN INC DEL | PUT | |
| 494577 10 9 * | KINDRED BIOSCIENCES INC | COM | |
| 494577 90 9 | KINDRED BIOSCIENCES INC | CALL | |
| 494577 95 9 | KINDRED BIOSCIENCES INC | PUT | |
| 49579A 20 4 | KINGOLD JEWELRY INC | COM NEW | |
| 496719 10 5 | KINGSTONE COS INC | COM | |
| 496902 40 4 * | KINROSS GOLD CORP | COM | |
| 496902 90 4 | KINROSS GOLD CORP | CALL | |
| 496902 95 4 | KINROSS GOLD CORP | PUT | |
| 496904 20 2 | KINGSWAY FINL SVCS INC | COM NEW | |
| 49714P 10 8 * | KINSALE CAP GROUP INC | COM | |
| 49714P 90 8 | KINSALE CAP GROUP INC | CALL | |
| 49714P 95 8 | KINSALE CAP GROUP INC | PUT | |
| 497266 10 6 * | KIRBY CORP | COM | |
| 497266 90 6 | KIRBY CORP | CALL | |
| 497266 95 6 | KIRBY CORP | PUT | |
| 49741E 10 0 * | KIRKLAND LAKE GOLD LTD | COM | |
| 49741E 90 0 | KIRKLAND LAKE GOLD LTD | CALL | |
| 49741E 95 0 | KIRKLAND LAKE GOLD LTD | PUT | |
| 497498 10 5 * | KIRKLANDS INC | COM | |
| 497498 90 5 | KIRKLANDS INC | CALL | |
| 497498 95 5 | KIRKLANDS INC | PUT | |

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| 49803T 30 0 * | KITE RLTY GROUP TR | COM NEW | |
| 49803T 90 0 | KITE RLTY GROUP TR | CALL | |
| 49803T 95 0 | KITE RLTY GROUP TR | PUT | |
| 49803V 10 7 | KITOV PHARMA LTD | SPONSORED ADS | |
| 49803V 11 5 | KITOV PHARMA LTD | *W EXP 11/25/202 | |
| 498904 20 0 * | KNOLL INC | COM NEW | |
| 498904 90 0 | KNOLL INC | CALL | |
| 498904 95 0 | KNOLL INC | PUT | |
| 499049 10 4 * | KNIGHT SWIFT TRANSN HLDGS IN | CL A | |
| 499049 90 4 | KNIGHT SWIFT TRANSN HLDGS IN | CALL | |
| 499049 95 4 | KNIGHT SWIFT TRANSN HLDGS IN | PUT | |
| 49926D AB 5 | KNOWLES CORP | NOTE 3.250%11/0 | |
| 49926D 10 9 * | KNOWLES CORP | COM | |
| 49926D 90 9 | KNOWLES CORP | CALL | |
| 49926D 95 9 | KNOWLES CORP | PUT | |
| 50015M 10 9 | KODIAK SCIENCES INC | COM | |
| 500255 10 4 * | KOHL'S CORP | COM | |
| 500255 90 4 | KOHL'S CORP | CALL | |
| 500255 95 4 | KOHL'S CORP | PUT | |
| 50047H 20 1 * | KONA GRILL INC | COM | DELETED |
| 50047H 90 1 | KONA GRILL INC | CALL | DELETED |
| 50047H 95 1 | KONA GRILL INC | PUT | DELETED |
| 500472 30 3 * | KONINKLIJKE PHILIPS N V | NY REG SH NEW | |
| 500472 90 3 | KONINKLIJKE PHILIPS N V | CALL | |
| 500472 95 3 | KONINKLIJKE PHILIPS N V | PUT | |
| 50050N 10 3 * | KONTOOR BRANDS INC | COM | ADDED |
| 50050N 90 3 | KONTOOR BRANDS INC | CALL | ADDED |
| 50050N 95 3 | KONTOOR BRANDS INC | PUT | ADDED |
| 50060P 10 6 * | KOPPERS HOLDINGS INC | COM | |
| 50060P 90 6 | KOPPERS HOLDINGS INC | CALL | |
| 50060P 95 6 | KOPPERS HOLDINGS INC | PUT | |
| 500600 10 1 * | KOPIN CORP | COM | |
| 500600 90 1 | KOPIN CORP | CALL | |
| 500600 95 1 | KOPIN CORP | PUT | |

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|---------------|--------------------|--------------------|--------|
| 500631 10 6 * | KOREA ELECTRIC PWR | SPONSORED ADR | |
| 500631 90 6 | KOREA ELECTRIC PWR | CALL | |
| 500631 95 6 | KOREA ELECTRIC PWR | PUT | |
| 500634 20 9 | KOREA FD | COM NEW | |
| 500643 20 0 * | KORN FERRY | COM NEW | |
| 500643 90 0 | KORN FERRY | CALL | |
| 500643 95 0 | KORN FERRY | PUT | |
| 500688 10 6 * | KOSMOS ENERGY LTD | COM | |
| 500688 90 6 | KOSMOS ENERGY LTD | CALL | |
| 500688 95 6 | KOSMOS ENERGY LTD | PUT | |
| 500692 10 8 | KOSS CORP | COM | |
| 500754 10 6 * | KRAFT HEINZ CO | COM | |
| 500754 90 6 | KRAFT HEINZ CO | CALL | |
| 500754 95 6 | KRAFT HEINZ CO | PUT | |
| 500767 20 7 | KRANESHARES TR | CICC CHINA 100 | |
| 500767 30 6 * | KRANESHARES TR | CSI CHI INTERNET | |
| 500767 90 6 | KRANESHARES TR | CALL | |
| 500767 95 6 | KRANESHARES TR | PUT | |
| 500767 40 5 * | KRANESHARES TR | BOSERA MSCI CH | |
| 500767 90 5 | KRANESHARES TR | CALL | |
| 500767 95 5 | KRANESHARES TR | PUT | |
| 500767 70 2 | KRANESHARES TR | CHIN COM PAPER | |
| 500767 71 0 | KRANESHARES TR | SML CAP QTY DIVD | ADDED |
| 500767 72 8 | KRANESHARES TR | LRG CAP QTY DIVD | ADDED |
| 500767 73 6 | KRANESHARES TR | QUADRTC INT RT | ADDED |
| 500767 76 9 | KRANESHARES TR | MSCI EMG EX CH | ADDED |
| 500767 80 1 | KRANESHARES TR | MSCI ALL CHINA | |
| 500767 81 9 | KRANESHARES TR | EMERGING MKTS | |
| 500767 82 7 | KRANESHARES TR | ELEC VEH FUTUR | |
| 500767 83 5 | KRANESHARES TR | MSCI ALL CHINA | |
| 500767 84 3 | KRANESHARES TR | CCBS CHINA CP | |
| 500767 85 0 | KRANESHARES TR | MSCI CHINA ENV | |
| 500767 86 8 | KRANESHARES TR | MSCI ONE BELT | |
| 500767 87 6 | KRANESHARES TR | EMRNG MKT CONS | |

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|-----------------|------------------------------|---------------------------|---------------|
| 50077B 20 7 * | KRATOS DEFENSE & SEC SOLUTIO | COM NEW | |
| 50077B 90 7 | KRATOS DEFENSE & SEC SOLUTIO | CALL | |
| 50077B 95 7 | KRATOS DEFENSE & SEC SOLUTIO | PUT | |
| 50077C 10 6 * | KRATON CORPORATION | COM | |
| 50077C 90 6 | KRATON CORPORATION | CALL | |
| 50077C 95 6 | KRATON CORPORATION | PUT | |
| 501044 10 1 * | KROGER CO | COM | |
| 501044 90 1 | KROGER CO | CALL | |
| 501044 95 1 | KROGER CO | PUT | |
| 50105F 10 5 * | KRONOS WORLDWIDE INC | COM | |
| 50105F 90 5 | KRONOS WORLDWIDE INC | CALL | |
| 50105F 95 5 | KRONOS WORLDWIDE INC | PUT | |
| 501147 10 2 | KRYSTAL BIOTECH INC | COM | |
| 501242 10 1 * | KULICKE & SOFFA INDS INC | COM | |
| 501242 90 1 | KULICKE & SOFFA INDS INC | CALL | |
| 501242 95 1 | KULICKE & SOFFA INDS INC | PUT | |
| 50127T 10 9 * | KURA ONCOLOGY INC | COM | |
| 50127T 90 9 | KURA ONCOLOGY INC | CALL | |
| 50127T 95 9 | KURA ONCOLOGY INC | PUT | |
| 501797 10 4 * | L BRANDS INC | COM | |
| 501797 90 4 | L BRANDS INC | CALL | |
| 501797 95 4 | L BRANDS INC | PUT | |
| 50181P 10 0 * | LCNB CORP | COM | |
| 50181P 90 0 | LCNB CORP | CALL | |
| 50181P 95 0 | LCNB CORP | PUT | |
| 50186A 10 8 | LGL GROUP INC | COM | |
| 50186V 10 2 * | LG DISPLAY CO LTD | SPONS ADR REP | |
| 50186V 90 2 | LG DISPLAY CO LTD | CALL | |
| 50186V 95 2 | LG DISPLAY CO LTD | PUT | |
| 50187A 10 7 * | LHC GROUP INC | COM | |
| 50187A 90 7 | LHC GROUP INC | CALL | |
| 50187A 95 7 | LHC GROUP INC | PUT | |
| 50187J 10 8 * | LEJU HLDGS LTD | SPONSORED ADS | |
| 50187J 90 8 | LEJU HLDGS LTD | CALL | |

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| 50187J 95 8 | LEJU HLDGS LTD | PUT | |
| 50187T AB 2 | LGI HOMES INC | NOTE 4.250%11/1 | |
| 50187T 10 6 * | LGI HOMES INC | COM | |
| 50187T 90 6 | LGI HOMES INC | CALL | |
| 50187T 95 6 | LGI HOMES INC | PUT | |
| 501889 20 8 * | LKQ CORP | COM | |
| 501889 90 8 | LKQ CORP | CALL | |
| 501889 95 8 | LKQ CORP | PUT | |
| 50189K 10 3 * | LCI INDS | COM | |
| 50189K 90 3 | LCI INDS | CALL | |
| 50189K 95 3 | LCI INDS | PUT | |
| 50200K 10 8 | LF CAP ACQUISITION CORP | CL A | |
| 50200K 11 6 | LF CAP ACQUISITION CORP | *W EXP 06/22/202 | |
| 50200K 20 7 | LF CAP ACQUISITION CORP | UNIT 06/19/2025 | |
| 502074 11 5 | LM FDG AMER INC | *W EXP 10/31/202 | |
| 502074 30 5 | LM FDG AMER INC | COM NEW | |
| 50208A 10 2 | LMP CAP & INCOME FD INC | COM | |
| 50212V 10 0 * | LPL FINL HLDGS INC | COM | |
| 50212V 90 0 | LPL FINL HLDGS INC | CALL | |
| 50212V 95 0 | LPL FINL HLDGS INC | PUT | |
| 50213V 10 9 * | LRAD CORP | COM | |
| 50213V 90 9 | LRAD CORP | CALL | |
| 50213V 95 9 | LRAD CORP | PUT | |
| 50216C 10 8 * | LSI INDS INC | COM | |
| 50216C 90 8 | LSI INDS INC | CALL | |
| 50216C 95 8 | LSI INDS INC | PUT | |
| 502160 10 4 * | LSB INDS INC | COM | |
| 502160 90 4 | LSB INDS INC | CALL | |
| 502160 95 4 | LSB INDS INC | PUT | |
| 502175 10 2 * | LTC PPTYS INC | COM | |
| 502175 90 2 | LTC PPTYS INC | CALL | |
| 502175 95 2 | LTC PPTYS INC | PUT | |
| 50218P 10 7 * | LSC COMMUNICATIONS INC | COM | |
| 50218P 90 7 | LSC COMMUNICATIONS INC | CALL | |

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| 50218P 95 7 | LSC COMMUNICATIONS INC | PUT | |
| 502413 10 7 * | L3 TECHNOLOGIES INC | COM | |
| 502413 90 7 | L3 TECHNOLOGIES INC | CALL | |
| 502413 95 7 | L3 TECHNOLOGIES INC | PUT | |
| 503459 60 4 * | LA JOLLA PHARMACEUTICAL CO | COM PAR \$.0001 2 | |
| 503459 90 4 | LA JOLLA PHARMACEUTICAL CO | CALL | |
| 503459 95 4 | LA JOLLA PHARMACEUTICAL CO | PUT | |
| 505336 10 7 * | LA Z BOY INC | COM | |
| 505336 90 7 | LA Z BOY INC | CALL | |
| 505336 95 7 | LA Z BOY INC | PUT | |
| 50540R AG 7 | LABORATORY CORP AMER HLDGS | NOTE | 9/1 |
| 50540R 40 9 * | LABORATORY CORP AMER HLDGS | COM NEW | |
| 50540R 90 9 | LABORATORY CORP AMER HLDGS | CALL | |
| 50540R 95 9 | LABORATORY CORP AMER HLDGS | PUT | |
| 505743 10 4 * | LADDER CAP CORP | CL A | |
| 505743 90 4 | LADDER CAP CORP | CALL | |
| 505743 95 4 | LADDER CAP CORP | PUT | |
| 50575Q 10 2 | LADENBURG THALMAN FIN SVCS I | COM | |
| 50736W 10 5 | LAIX INC | ADS | |
| 510700 10 7 | LAKE SHORE BANCORP INC | COM | |
| 511637 10 0 * | LAKELAND BANCORP INC | COM | |
| 511637 90 0 | LAKELAND BANCORP INC | CALL | |
| 511637 95 0 | LAKELAND BANCORP INC | PUT | |
| 511656 10 0 * | LAKELAND FINL CORP | COM | |
| 511656 90 0 | LAKELAND FINL CORP | CALL | |
| 511656 95 0 | LAKELAND FINL CORP | PUT | |
| 511795 10 6 * | LAKELAND INDS INC | COM | |
| 511795 90 6 | LAKELAND INDS INC | CALL | |
| 511795 95 6 | LAKELAND INDS INC | PUT | |
| 512807 10 8 * | LAM RESEARCH CORP | COM | |
| 512807 90 8 | LAM RESEARCH CORP | CALL | |
| 512807 95 8 | LAM RESEARCH CORP | PUT | |
| 512816 10 9 * | LAMAR ADVERTISING CO NEW | CL A | |
| 512816 90 9 | LAMAR ADVERTISING CO NEW | CALL | |

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| 512816 95 9 | LAMAR ADVERTISING CO NEW | PUT | |
| 513272 10 4 * | LAMB WESTON HLDGS INC | COM | |
| 513272 90 4 | LAMB WESTON HLDGS INC | CALL | |
| 513272 95 4 | LAMB WESTON HLDGS INC | PUT | |
| 513847 10 3 * | LANCASTER COLONY CORP | COM | |
| 513847 90 3 | LANCASTER COLONY CORP | CALL | |
| 513847 95 3 | LANCASTER COLONY CORP | PUT | |
| 51476X 10 5 | LANCADIA HLDGS II INC | CL A | ADDED |
| 51476X 11 3 | LANCADIA HLDGS II INC | *W EXP 05/09/202 | ADDED |
| 51476X 20 4 | LANCADIA HLDGS II INC | UNIT 05/09/2026 | ADDED |
| 514766 10 4 * | LANDEC CORP | COM | |
| 514766 90 4 | LANDEC CORP | CALL | |
| 514766 95 4 | LANDEC CORP | PUT | |
| 51504L 10 7 | LANDMARK BANCORP INC | COM | |
| 51508J 10 8 * | LANDMARK INFRASTRUCTURE LP | COM UNIT LTD | |
| 51508J 90 8 | LANDMARK INFRASTRUCTURE LP | CALL | |
| 51508J 95 8 | LANDMARK INFRASTRUCTURE LP | PUT | |
| 51508J 40 5 | LANDMARK INFRASTRUCTURE LP | 7% CNV PFD UNT C | |
| 51509F 10 5 * | LANDS END INC NEW | COM | |
| 51509F 90 5 | LANDS END INC NEW | CALL | |
| 51509F 95 5 | LANDS END INC NEW | PUT | |
| 515098 10 1 * | LANDSTAR SYS INC | COM | |
| 515098 90 1 | LANDSTAR SYS INC | CALL | |
| 515098 95 1 | LANDSTAR SYS INC | PUT | |
| 516012 10 1 * | LANNET INC | COM | |
| 516012 90 1 | LANNET INC | CALL | |
| 516012 95 1 | LANNET INC | PUT | |
| 516544 10 3 * | LANTHEUS HLDGS INC | COM | |
| 516544 90 3 | LANTHEUS HLDGS INC | CALL | |
| 516544 95 3 | LANTHEUS HLDGS INC | PUT | |
| 516548 20 3 | LANTRONIX INC | COM NEW | |
| 516806 10 6 * | LAREDO PETROLEUM INC | COM | |
| 516806 90 6 | LAREDO PETROLEUM INC | CALL | |
| 516806 95 6 | LAREDO PETROLEUM INC | PUT | |

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| 517834 10 7 * | LAS VEGAS SANDS CORP | COM | |
| 517834 90 7 | LAS VEGAS SANDS CORP | CALL | |
| 517834 95 7 | LAS VEGAS SANDS CORP | PUT | |
| 51817R 10 6 * | LATAM AIRLS GROUP S A | SPONSORED ADR | |
| 51817R 90 6 | LATAM AIRLS GROUP S A | CALL | |
| 51817R 95 6 | LATAM AIRLS GROUP S A | PUT | |
| 518415 10 4 * | LATTICE SEMICONDUCTOR CORP | COM | |
| 518415 90 4 | LATTICE SEMICONDUCTOR CORP | CALL | |
| 518415 95 4 | LATTICE SEMICONDUCTOR CORP | PUT | |
| 518416 10 2 | LATTICE STRATEGIES TR | HARTFORD MLT ETF | |
| 518416 20 1 | LATTICE STRATEGIES TR | HARTFRD EMRG ETF | |
| 518416 30 0 | LATTICE STRATEGIES TR | HARTFRD REIT ETF | |
| 518416 40 9 | LATTICE STRATEGIES TR | HARTFORD US EQTY | |
| 518416 50 8 | LATTICE STRATEGIES TR | HARTFORD GBL ETF | |
| 518416 60 7 | LATTICE STRATEGIES TR | HARTFORD MULTI | |
| 518416 70 6 | LATTICE STRATEGIES TR | HARTFORD MULTI | |
| 518439 10 4 * | LAUDER ESTEE COS INC | CL A | |
| 518439 90 4 | LAUDER ESTEE COS INC | CALL | |
| 518439 95 4 | LAUDER ESTEE COS INC | PUT | |
| 518613 20 3 * | LAUREATE EDUCATION INC | CL A | |
| 518613 90 3 | LAUREATE EDUCATION INC | CALL | |
| 518613 95 3 | LAUREATE EDUCATION INC | PUT | |
| 520776 10 5 | LAWSON PRODS INC | COM | |
| 521050 AD 6 | LAYNE CHRISTENSEN CO | NOTE 8.000% 5/0 | DELETED |
| 52106W 10 3 | LAZARD GLB TTL RET&INCM FD I | COM | |
| 521076 10 9 | LAZARD WORLD DIVID & INCOME | COM | |
| 52110H 10 0 | LAZYDAYS HLDGS INC | COM | |
| 52177G 10 2 * | LEAF GROUP LTD | COM | |
| 52177G 90 2 | LEAF GROUP LTD | CALL | |
| 52177G 95 2 | LEAF GROUP LTD | PUT | |
| 521865 20 4 * | LEAR CORP | COM NEW | |
| 521865 90 4 | LEAR CORP | CALL | |
| 521865 95 4 | LEAR CORP | PUT | |
| 52187K 10 1 | LEAP THERAPEUTICS INC | COM | |

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| 523768 10 9 * | LEE ENTERPRISES INC | COM | |
| 523768 90 9 | LEE ENTERPRISES INC | CALL | |
| 523768 95 9 | LEE ENTERPRISES INC | PUT | |
| 524643 10 3 | LEGACY ACQUISITION CORP | COM CL A | |
| 524643 11 1 | LEGACY ACQUISITION CORP | *W EXP 11/30/202 | |
| 524643 20 2 | LEGACY ACQUISITION CORP | UNIT 05/31/2024 | |
| 524660 10 7 * | LEGGETT & PLATT INC | COM | |
| 524660 90 7 | LEGGETT & PLATT INC | CALL | |
| 524660 95 7 | LEGGETT & PLATT INC | PUT | |
| 52468L 40 6 | LEGG MASON ETF INVESTMENT TR | LOW DIVI ETF | |
| 52468L 50 5 | LEGG MASON ETF INVESTMENT TR | INT LW VTY HGH | |
| 52468L 60 4 | LEGG MASON ETF INVESTMENT TR | EMRG MKTS VOLA | |
| 52468L 70 3 | LEGG MASON ETF INVESTMENT TR | GLOBAL INFSTRU | |
| 52468L 78 6 | LEGG MASON ETF INVESTMENT TR | WESTN AST SHRT | |
| 52468L 81 0 | LEGG MASON ETF INVESTMENT TR | WESTN ASET TTL | |
| 52468L 87 7 | LEGG MASON ETF INVESTMENT TR | SML CAP QULITY | |
| 524682 10 1 | LEGG MASON ETF INVT TR | CLRBRG GWT ETF | |
| 524682 20 0 | LEGG MASON ETF INVT TR | CLEARBRIDEG LR | |
| 524682 30 9 | LEGG MASON ETF INVT TR | CLEARBRIDGE DI | |
| 524706 10 8 * | LEGACY RESVS INC | COM | DELETED |
| 524706 90 8 | LEGACY RESVS INC | CALL | DELETED |
| 524706 95 8 | LEGACY RESVS INC | PUT | DELETED |
| 52471T AF 4 | LEGACY RESERVES LP/ LEGACY F | NOTE 8.000% 9/2 | DELETED |
| 52471Y 10 6 * | LEGACY TEX FINL GROUP INC | COM | |
| 52471Y 90 6 | LEGACY TEX FINL GROUP INC | CALL | |
| 52471Y 95 6 | LEGACY TEX FINL GROUP INC | PUT | |
| 52472M 10 1 | LEGACY HOUSING CORP | COM | |
| 524901 10 5 * | LEGG MASON INC | COM | |
| 524901 90 5 | LEGG MASON INC | CALL | |
| 524901 95 5 | LEGG MASON INC | PUT | |
| 525327 10 2 * | LEIDOS HLDGS INC | COM | |
| 525327 90 2 | LEIDOS HLDGS INC | CALL | |
| 525327 95 2 | LEIDOS HLDGS INC | PUT | |
| 52539T 10 7 | LEISURE ACQUISITION CORP | COM | |

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| 52539T 11 5 | LEISURE ACQUISITION CORP | *W EXP 12/05/201 | |
| 52539T 20 6 | LEISURE ACQUISITION CORP | UNIT 99/99/9999 | |
| 525558 20 1 * | LEMAITRE VASCULAR INC | COM | |
| 525558 90 1 | LEMAITRE VASCULAR INC | CALL | |
| 525558 95 1 | LEMAITRE VASCULAR INC | PUT | |
| 52603A 10 9 * | LENDINGCLUB CORP | COM | |
| 52603A 90 9 | LENDINGCLUB CORP | CALL | |
| 52603A 95 9 | LENDINGCLUB CORP | PUT | |
| 52603B AA 5 | LENDINGTREE INC NEW | NOTE 0.625% 6/0 | |
| 52603B 10 7 * | LENDINGTREE INC NEW | COM | |
| 52603B 90 7 | LENDINGTREE INC NEW | CALL | |
| 52603B 95 7 | LENDINGTREE INC NEW | PUT | |
| 526057 10 4 * | LENNAR CORP | CL A | |
| 526057 90 4 | LENNAR CORP | CALL | |
| 526057 95 4 | LENNAR CORP | PUT | |
| 526057 30 2 * | LENNAR CORP | CL B | |
| 526057 90 2 | LENNAR CORP | CALL | |
| 526057 95 2 | LENNAR CORP | PUT | |
| 526107 10 7 * | LENNOX INTL INC | COM | |
| 526107 90 7 | LENNOX INTL INC | CALL | |
| 526107 95 7 | LENNOX INTL INC | PUT | |
| 52730D 20 8 | LEVEL ONE BANCORP INC | COM | |
| 52730Q 20 9 | LEVEL BRANDS INC | COM NEW | DELETED |
| 52736R 10 2 * | LEVI STRAUSS & CO NEW | CL A COM STK | |
| 52736R 90 2 | LEVI STRAUSS & CO NEW | CALL | |
| 52736R 95 2 | LEVI STRAUSS & CO NEW | PUT | |
| 528872 AB 0 | LEXICON PHARMACEUTICALS INC | NOTE 5.250%12/0 | |
| 528872 30 2 * | LEXICON PHARMACEUTICALS INC | COM NEW | |
| 528872 90 2 | LEXICON PHARMACEUTICALS INC | CALL | |
| 528872 95 2 | LEXICON PHARMACEUTICALS INC | PUT | |
| 528877 10 3 * | LEXINFITECH HLDGS LTD | ADR | |
| 528877 90 3 | LEXINFITECH HLDGS LTD | CALL | |
| 528877 95 3 | LEXINFITECH HLDGS LTD | PUT | |
| 529043 10 1 * | LEXINGTON REALTY TRUST | COM | |

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| 529043 90 1 | LEXINGTON REALTY TRUST | CALL | |
| 529043 95 1 | LEXINGTON REALTY TRUST | PUT | |
| 529043 30 9 | LEXINGTON REALTY TRUST | PFD CONV SER C | |
| 529898 10 8 * | LIBBEY INC | COM | |
| 529898 90 8 | LIBBEY INC | CALL | |
| 529898 95 8 | LIBBEY INC | PUT | |
| 529900 10 2 | LIBERTY ALL-STAR GROWTH FD I | COM | |
| 530158 10 4 | LIBERTY ALL STAR EQUITY FD | SH BEN INT | |
| 530307 10 7 * | LIBERTY BROADBAND CORP | COM SER A | |
| 530307 90 7 | LIBERTY BROADBAND CORP | CALL | |
| 530307 95 7 | LIBERTY BROADBAND CORP | PUT | |
| 530307 30 5 * | LIBERTY BROADBAND CORP | COM SER C | |
| 530307 90 5 | LIBERTY BROADBAND CORP | CALL | |
| 530307 95 5 | LIBERTY BROADBAND CORP | PUT | |
| 53046P AB 5 | LIBERTY EXPEDIA HLDGS INC | DEB 1.000% 6/3 | |
| 53046P 10 9 * | LIBERTY EXPEDIA HLDGS INC | SER A COM | |
| 53046P 90 9 | LIBERTY EXPEDIA HLDGS INC | CALL | |
| 53046P 95 9 | LIBERTY EXPEDIA HLDGS INC | PUT | |
| 53046P 20 8 | LIBERTY EXPEDIA HLDGS INC | SER B COM | |
| 530610 AC 8 | LIBERTY INTERACTIVE LLC | DEB 0.750% 3/3 | |
| 530715 AG 6 | LIBERTY MEDIA CORP | DEB 4.000%11/1 | |
| 530715 AL 5 | LIBERTY MEDIA CORP | DEB 3.750% 2/1 | |
| 530715 AN 1 | LIBERTY MEDIA CORP | DEB 3.500% 1/1 | |
| 53115L 10 4 * | LIBERTY OILFIELD SVCS INC | COM CL A | |
| 53115L 90 4 | LIBERTY OILFIELD SVCS INC | CALL | |
| 53115L 95 4 | LIBERTY OILFIELD SVCS INC | PUT | |
| 531172 10 4 * | LIBERTY PPTY TR | SH BEN INT | |
| 531172 90 4 | LIBERTY PPTY TR | CALL | |
| 531172 95 4 | LIBERTY PPTY TR | PUT | |
| 531229 AB 8 | LIBERTY MEDIA CORP DELAWARE | NOTE 1.375%10/1 | |
| 531229 AE 2 | LIBERTY MEDIA CORP DELAWARE | DEB 2.250% 9/3 | |
| 531229 AF 9 | LIBERTY MEDIA CORP DELAWARE | NOTE 1.000% 1/3 | |
| 531229 40 9 * | LIBERTY MEDIA CORP DELAWARE | COM A SIRIUSXM | |
| 531229 90 9 | LIBERTY MEDIA CORP DELAWARE | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 531229 95 9 | LIBERTY MEDIA CORP DELAWARE | PUT | |
| 531229 50 8 | LIBERTY MEDIA CORP DELAWARE | COM B SIRIUSXM | |
| 531229 60 7 | LIBERTY MEDIA CORP DELAWARE | COM C SIRIUSXM | |
| 531229 70 6 * | LIBERTY MEDIA CORP DELAWARE | COM A BRAVES GRP | |
| 531229 90 6 | LIBERTY MEDIA CORP DELAWARE | CALL | |
| 531229 95 6 | LIBERTY MEDIA CORP DELAWARE | PUT | |
| 531229 85 4 * | LIBERTY MEDIA CORP DELAWARE | COM SER C FRMLA | |
| 531229 90 4 | LIBERTY MEDIA CORP DELAWARE | CALL | |
| 531229 95 4 | LIBERTY MEDIA CORP DELAWARE | PUT | |
| 531229 87 0 * | LIBERTY MEDIA CORP DELAWARE | COM SER A FRMLA | |
| 531229 90 0 | LIBERTY MEDIA CORP DELAWARE | CALL | |
| 531229 95 0 | LIBERTY MEDIA CORP DELAWARE | PUT | |
| 531229 88 8 * | LIBERTY MEDIA CORP DELAWARE | COM C BRAVES GRP | |
| 531229 90 8 | LIBERTY MEDIA CORP DELAWARE | CALL | |
| 531229 95 8 | LIBERTY MEDIA CORP DELAWARE | PUT | |
| 531465 10 2 * | LIBERTY TRIPADVISOR HLDGS IN | COM SER A | |
| 531465 90 2 | LIBERTY TRIPADVISOR HLDGS IN | CALL | |
| 531465 95 2 | LIBERTY TRIPADVISOR HLDGS IN | PUT | |
| 531465 20 1 | LIBERTY TRIPADVISOR HLDGS IN | COM SER B | |
| 531914 10 9 | LIFEWAY FOODS INC | COM | |
| 53220K AD 0 | LIGAND PHARMACEUTICALS INC | NOTE 0.750% 8/1 | |
| 53220K AF 5 | LIGAND PHARMACEUTICALS INC | NOTE 0.750% 5/1 | ADDED |
| 53220K 50 4 * | LIGAND PHARMACEUTICALS INC | COM NEW | |
| 53220K 90 4 | LIGAND PHARMACEUTICALS INC | CALL | |
| 53220K 95 4 | LIGAND PHARMACEUTICALS INC | PUT | |
| 53222K 20 5 * | LIFEVANTAGE CORP | COM NEW | |
| 53222K 90 5 | LIFEVANTAGE CORP | CALL | |
| 53222K 95 5 | LIFEVANTAGE CORP | PUT | |
| 53222Q 10 3 * | LIFETIME BRANDS INC | COM | |
| 53222Q 90 3 | LIFETIME BRANDS INC | CALL | |
| 53222Q 95 3 | LIFETIME BRANDS INC | PUT | |
| 53223X 10 7 * | LIFE STORAGE INC | COM | |
| 53223X 90 7 | LIFE STORAGE INC | CALL | |
| 53223X 95 7 | LIFE STORAGE INC | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 53224K 20 3 * | LIGHTBRIDGE CORP | COM NEW | |
| 53224K 90 3 | LIGHTBRIDGE CORP | CALL | |
| 53224K 95 3 | LIGHTBRIDGE CORP | PUT | |
| 53225G 10 2 * | LIGHTINTHEBOX HLDG CO LTD | SPONSORED ADR | |
| 53225G 90 2 | LIGHTINTHEBOX HLDG CO LTD | CALL | |
| 53225G 95 2 | LIGHTINTHEBOX HLDG CO LTD | PUT | |
| 532257 80 5 | LIGHTPATH TECHNOLOGIES INC | CL A NEW | |
| 532403 20 1 * | LILIS ENERGY INC | COM NEW | |
| 532403 90 1 | LILIS ENERGY INC | CALL | |
| 532403 95 1 | LILIS ENERGY INC | PUT | |
| 532457 10 8 * | LILLY ELI & CO | COM | |
| 532457 90 8 | LILLY ELI & CO | CALL | |
| 532457 95 8 | LILLY ELI & CO | PUT | |
| 53261M 10 4 * | LIMELIGHT NETWORKS INC | COM | |
| 53261M 90 4 | LIMELIGHT NETWORKS INC | CALL | |
| 53261M 95 4 | LIMELIGHT NETWORKS INC | PUT | |
| 53262L 10 5 | LIMESTONE BANCORP INC | COM | |
| 53263P 10 5 | LIMBACH HLDGS INC | COM | |
| 532746 10 4 * | LIMONEIRA CO | COM | |
| 532746 90 4 | LIMONEIRA CO | CALL | |
| 532746 95 4 | LIMONEIRA CO | PUT | |
| 533535 10 0 * | LINCOLN EDL SVCS CORP | COM | |
| 533535 90 0 | LINCOLN EDL SVCS CORP | CALL | |
| 533535 95 0 | LINCOLN EDL SVCS CORP | PUT | |
| 533900 10 6 * | LINCOLN ELEC HLDGS INC | COM | |
| 533900 90 6 | LINCOLN ELEC HLDGS INC | CALL | |
| 533900 95 6 | LINCOLN ELEC HLDGS INC | PUT | |
| 534187 10 9 * | LINCOLN NATL CORP IND | COM | |
| 534187 90 9 | LINCOLN NATL CORP IND | CALL | |
| 534187 95 9 | LINCOLN NATL CORP IND | PUT | |
| 534187 11 7 | LINCOLN NATL CORP IND | *W EXP 07/10/201 | |
| 535219 10 9 | LINDBLAD EXPEDITIONS HLDGS I | COM | |
| 535219 11 7 | LINDBLAD EXPEDITIONS HLDGS I | *W EXP 07/08/202 | |
| 535555 10 6 * | LINDSAY CORP | COM | |

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| 535555 90 6 | LINDSAY CORP | CALL | |
| 535555 95 6 | LINDSAY CORP | PUT | |
| 53567X 10 1 * | LINE CORP | SPONSORED ADR | |
| 53567X 90 1 | LINE CORP | CALL | |
| 53567X 95 1 | LINE CORP | PUT | |
| 535919 40 1 * | LIONS GATE ENTMNT CORP | CL A VTG | |
| 535919 90 1 | LIONS GATE ENTMNT CORP | CALL | |
| 535919 95 1 | LIONS GATE ENTMNT CORP | PUT | |
| 535919 50 0 * | LIONS GATE ENTMNT CORP | CL B NON VTG | |
| 535919 90 0 | LIONS GATE ENTMNT CORP | CALL | |
| 535919 95 0 | LIONS GATE ENTMNT CORP | PUT | |
| 53619W 10 1 | LINX S A | SPONSORED ADS | ADDED |
| 53630X 10 4 * | LIPOCINE INC NEW | COM | |
| 53630X 90 4 | LIPOCINE INC NEW | CALL | |
| 53630X 95 4 | LIPOCINE INC NEW | PUT | |
| 53632A 10 2 | LIQTECH INTL INC | COM | DELETED |
| 53632A 20 1 | LIQTECH INTL INC | COM | ADDED |
| 53634Q 20 4 | LIQUID MEDIA GROUP LTD NEW | COM NEW | |
| 53635B 10 7 * | LIQUIDITY SERVICES INC | COM | |
| 53635B 90 7 | LIQUIDITY SERVICES INC | CALL | |
| 53635B 95 7 | LIQUIDITY SERVICES INC | PUT | |
| 53635D 20 2 | LIQUIDIA TECHNOLOGIES INC | COM | |
| 53656F 10 2 | LISTED FD TR | EVENTSHS US PLCY | |
| 53656F 30 0 | LISTED FD TR | INNVATN US ETF | ADDED |
| 53656F 40 9 | LISTED FD TR | INNVTN GBL ETF | ADDED |
| 53656F 50 8 | LISTED FD TR | INNVTN TRD WAR | ADDED |
| 53656F 70 6 | LISTED FD TR | ROUNDHILL BITK | ADDED |
| 536797 10 3 * | LITHIA MTRS INC | CL A | |
| 536797 90 3 | LITHIA MTRS INC | CALL | |
| 536797 95 3 | LITHIA MTRS INC | PUT | |
| 53680Q 20 7 * | LITHIUM AMERS CORP NEW | COM NEW | |
| 53680Q 90 7 | LITHIUM AMERS CORP NEW | CALL | |
| 53680Q 95 7 | LITHIUM AMERS CORP NEW | PUT | |
| 537008 10 4 * | LITTELFUSE INC | COM | |

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| 537008 90 4 | LITTELFUSE INC | CALL | |
| 537008 95 4 | LITTELFUSE INC | PUT | |
| 53803X 10 5 * | LIVE OAK BANCSHARES INC | COM | |
| 53803X 90 5 | LIVE OAK BANCSHARES INC | CALL | |
| 53803X 95 5 | LIVE OAK BANCSHARES INC | PUT | |
| 538034 AJ 8 | LIVE NATION ENTERTAINMENT IN | NOTE 2.500% 5/1 | DELETED |
| 538034 AQ 2 | LIVE NATION ENTERTAINMENT IN | NOTE 2.500% 3/1 | |
| 538034 10 9 * | LIVE NATION ENTERTAINMENT IN | COM | |
| 538034 90 9 | LIVE NATION ENTERTAINMENT IN | CALL | |
| 538034 95 9 | LIVE NATION ENTERTAINMENT IN | PUT | |
| 53814L 10 8 * | LIVENT CORP | COM | |
| 53814L 90 8 | LIVENT CORP | CALL | |
| 53814L 95 8 | LIVENT CORP | PUT | |
| 538142 30 8 * | LIVE VENTURES INC | COM NEW | |
| 538142 90 8 | LIVE VENTURES INC | CALL | |
| 538142 95 8 | LIVE VENTURES INC | PUT | |
| 538146 10 1 * | LIVEPERSON INC | COM | |
| 538146 90 1 | LIVEPERSON INC | CALL | |
| 538146 95 1 | LIVEPERSON INC | PUT | |
| 53815P 10 8 * | LIVERAMP HLDGS INC | COM | |
| 53815P 90 8 | LIVERAMP HLDGS INC | CALL | |
| 53815P 95 8 | LIVERAMP HLDGS INC | PUT | |
| 53839L 20 8 | LIVEXLIVE MEDIA INC | COM NEW | |
| 539439 10 9 * | LLOYDS BANKING GROUP PLC | SPONSORED ADR | |
| 539439 90 9 | LLOYDS BANKING GROUP PLC | CALL | |
| 539439 95 9 | LLOYDS BANKING GROUP PLC | PUT | |
| 539830 10 9 * | LOCKHEED MARTIN CORP | COM | |
| 539830 90 9 | LOCKHEED MARTIN CORP | CALL | |
| 539830 95 9 | LOCKHEED MARTIN CORP | PUT | |
| 540424 10 8 * | LOEWS CORP | COM | |
| 540424 90 8 | LOEWS CORP | CALL | |
| 540424 95 8 | LOEWS CORP | PUT | |
| 54142F 10 2 | LOGICBIO THERAPEUTICS INC | COM | |
| 54142L 10 9 * | LOGMEIN INC | COM | |

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| 54142L 90 9 | LOGMEIN INC | CALL | |
| 54142L 95 9 | LOGMEIN INC | PUT | |
| 54150E 10 4 * | LOMA NEGRA CORP | SPONSORED ADS | |
| 54150E 90 4 | LOMA NEGRA CORP | CALL | |
| 54150E 95 4 | LOMA NEGRA CORP | PUT | |
| 54240F 10 3 * | LONESTAR RES US INC | CL A VTG | |
| 54240F 90 3 | LONESTAR RES US INC | CALL | |
| 54240F 95 3 | LONESTAR RES US INC | PUT | |
| 543518 10 4 | LOOP INDS INC | COM | |
| 543881 10 6 * | LORAL SPACE & COMMUNICATNS I | COM | |
| 543881 90 6 | LORAL SPACE & COMMUNICATNS I | CALL | |
| 543881 95 6 | LORAL SPACE & COMMUNICATNS I | PUT | |
| 546347 10 5 * | LOUISIANA PAC CORP | COM | |
| 546347 90 5 | LOUISIANA PAC CORP | CALL | |
| 546347 95 5 | LOUISIANA PAC CORP | PUT | |
| 54738L 10 9 * | LOVESAC COMPANY | COM | |
| 54738L 90 9 | LOVESAC COMPANY | CALL | |
| 54738L 95 9 | LOVESAC COMPANY | PUT | |
| 548661 10 7 * | LOWES COS INC | COM | |
| 548661 90 7 | LOWES COS INC | CALL | |
| 548661 95 7 | LOWES COS INC | PUT | |
| 549282 10 1 * | LUBYS INC | COM | |
| 549282 90 1 | LUBYS INC | CALL | |
| 549282 95 1 | LUBYS INC | PUT | |
| 54951L 10 9 * | LUCKIN COFFEE INC | SPONSORED ADS | ADDED |
| 54951L 90 9 | LUCKIN COFFEE INC | CALL | ADDED |
| 54951L 95 9 | LUCKIN COFFEE INC | PUT | ADDED |
| 550021 10 9 * | LULULEMON ATHLETICA INC | COM | |
| 550021 90 9 | LULULEMON ATHLETICA INC | CALL | |
| 550021 95 9 | LULULEMON ATHLETICA INC | PUT | |
| 55003T 10 7 * | LUMBER LIQUIDATORS HLDGS INC | COM | |
| 55003T 90 7 | LUMBER LIQUIDATORS HLDGS INC | CALL | |
| 55003T 95 7 | LUMBER LIQUIDATORS HLDGS INC | PUT | |
| 55024U AB 5 | LUMENTUM HLDGS INC | NOTE 0.250% 3/1 | |

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| 55024U 10 9 * | LUMENTUM HLDGS INC | COM | |
| 55024U 90 9 | LUMENTUM HLDGS INC | CALL | |
| 55024U 95 9 | LUMENTUM HLDGS INC | PUT | |
| 55027E 10 2 * | LUMINEX CORP DEL | COM | |
| 55027E 90 2 | LUMINEX CORP DEL | CALL | |
| 55027E 95 2 | LUMINEX CORP DEL | PUT | |
| 550351 10 0 | LUNA INNOVATIONS | COM | |
| 550550 10 7 | LUTHER BURBANK CORP | COM | |
| 550819 10 6 * | LYDALL INC DEL | COM | |
| 550819 90 6 | LYDALL INC DEL | CALL | |
| 550819 95 6 | LYDALL INC DEL | PUT | |
| 55087P 10 4 * | LYFT INC | CL A COM | |
| 55087P 90 4 | LYFT INC | CALL | |
| 55087P 95 4 | LYFT INC | PUT | |
| 552074 70 0 * | LYON WILLIAM HOMES | CL A NEW | |
| 552074 90 0 | LYON WILLIAM HOMES | CALL | |
| 552074 95 0 | LYON WILLIAM HOMES | PUT | |
| 55261F 10 4 * | M & T BK CORP | COM | |
| 55261F 90 4 | M & T BK CORP | CALL | |
| 55261F 95 4 | M & T BK CORP | PUT | |
| 55262C 10 0 * | MBIA INC | COM | |
| 55262C 90 0 | MBIA INC | CALL | |
| 55262C 95 0 | MBIA INC | PUT | |
| 552676 10 8 * | M D C HLDGS INC | COM | |
| 552676 90 8 | M D C HLDGS INC | CALL | |
| 552676 95 8 | M D C HLDGS INC | PUT | |
| 552690 10 9 * | MDU RES GROUP INC | COM | |
| 552690 90 9 | MDU RES GROUP INC | CALL | |
| 552690 95 9 | MDU RES GROUP INC | PUT | |
| 552697 10 4 * | MDC PARTNERS INC | CL A SUB VTG | |
| 552697 90 4 | MDC PARTNERS INC | CALL | |
| 552697 95 4 | MDC PARTNERS INC | PUT | |
| 55272X AA 0 | MFA FINL INC | NOTE 6.250% 6/1 | ADDED |
| 55272X 10 2 * | MFA FINL INC | COM | |

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| 55272X 90 2 | MFA FINL INC | CALL | |
| 55272X 95 2 | MFA FINL INC | PUT | |
| 552727 10 9 | MFS CHARTER INCOME TR | SH BEN INT | |
| 55273C 10 7 | MFS INTER INCOME TR | SH BEN INT | |
| 552737 10 8 | MFS MULTIMARKET INCOME TR | SH BEN INT | |
| 552738 10 6 | MFS MUN INCOME TR | SH BEN INT | |
| 55274E 10 2 | MFS SPL VALUE TR | SH BEN INT | |
| 55277P 10 4 * | MGE ENERGY INC | COM | |
| 55277P 90 4 | MGE ENERGY INC | CALL | |
| 55277P 95 4 | MGE ENERGY INC | PUT | |
| 55277Q 20 1 | MAM SOFTWARE GROUP INC | COM NEW | |
| 55279B 20 2 * | MEI PHARMA INC | COM NEW | |
| 55279B 90 2 | MEI PHARMA INC | CALL | |
| 55279B 95 2 | MEI PHARMA INC | PUT | |
| 552848 10 3 * | MGIC INVT CORP WIS | COM | |
| 552848 90 3 | MGIC INVT CORP WIS | CALL | |
| 552848 95 3 | MGIC INVT CORP WIS | PUT | |
| 552939 10 0 | MFS GOVT MKTS INCOME TR | SH BEN INT | |
| 552953 10 1 * | MGM RESORTS INTERNATIONAL | COM | |
| 552953 90 1 | MGM RESORTS INTERNATIONAL | CALL | |
| 552953 95 1 | MGM RESORTS INTERNATIONAL | PUT | |
| 55303A 10 5 * | MGM GROWTH PPTYS LLC | CL A COM | |
| 55303A 90 5 | MGM GROWTH PPTYS LLC | CALL | |
| 55303A 95 5 | MGM GROWTH PPTYS LLC | PUT | |
| 55303J 10 6 * | MGP INGREDIENTS INC NEW | COM | |
| 55303J 90 6 | MGP INGREDIENTS INC NEW | CALL | |
| 55303J 95 6 | MGP INGREDIENTS INC NEW | PUT | |
| 55305B 10 1 * | M/I HOMES INC | COM | |
| 55305B 90 1 | M/I HOMES INC | CALL | |
| 55305B 95 1 | M/I HOMES INC | PUT | |
| 55306N 10 4 * | MKS INSTRUMENT INC | COM | |
| 55306N 90 4 | MKS INSTRUMENT INC | CALL | |
| 55306N 95 4 | MKS INSTRUMENT INC | PUT | |
| 55315D 10 5 | MMA CAPITAL HOLDINGS INC | COM | |

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|---------------|------------------------|--------------------|---------|
| 55328R 10 9 | MICT INC | COM | |
| 55336V 10 0 * | MPLX LP | COM UNIT REP LTD | |
| 55336V 90 0 | MPLX LP | CALL | |
| 55336V 95 0 | MPLX LP | PUT | |
| 55345K 10 3 * | MRC GLOBAL INC | COM | |
| 55345K 90 3 | MRC GLOBAL INC | CALL | |
| 55345K 95 3 | MRC GLOBAL INC | PUT | |
| 553498 10 6 * | MSA SAFETY INC | COM | |
| 553498 90 6 | MSA SAFETY INC | CALL | |
| 553498 95 6 | MSA SAFETY INC | PUT | |
| 55352L 10 1 | MSB FINL CORP NEW | COM | |
| 553530 10 6 * | MSC INDL DIRECT INC | CL A | |
| 553530 90 6 | MSC INDL DIRECT INC | CALL | |
| 553530 95 6 | MSC INDL DIRECT INC | PUT | |
| 55354G 10 0 * | MSCI INC | COM | |
| 55354G 90 0 | MSCI INC | CALL | |
| 55354G 95 0 | MSCI INC | PUT | |
| 553573 10 6 * | MSG NETWORK INC | CL A | |
| 553573 90 6 | MSG NETWORK INC | CALL | |
| 553573 95 6 | MSG NETWORK INC | PUT | |
| 553777 10 3 * | MTS SYS CORP | COM | |
| 553777 90 3 | MTS SYS CORP | CALL | |
| 553777 95 3 | MTS SYS CORP | PUT | |
| 55378G 10 2 | MTBC INC | COM | |
| 55378W 10 7 | MTECH ACQUISITION CORP | COM CLASS A | DELETED |
| 55378W 11 5 | MTECH ACQUISITION CORP | *W EXP 08/01/202 | DELETED |
| 55378W 20 6 | MTECH ACQUISITION CORP | UNIT 01/19/2023 | DELETED |
| 553810 10 2 | MVB FINANCIAL CORP | COM | |
| 553829 10 2 * | MVC CAPITAL INC | COM | |
| 553829 90 2 | MVC CAPITAL INC | CALL | |
| 553829 95 2 | MVC CAPITAL INC | PUT | |
| 553859 10 9 * | MV OIL TR | TR UNITS | |
| 553859 90 9 | MV OIL TR | CALL | |
| 553859 95 9 | MV OIL TR | PUT | |

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|---------------|------------------------------|--------------------|------------|
| 55405W 10 4 * | MYR GROUP INC DEL | COM | |
| 55405W 90 4 | MYR GROUP INC DEL | CALL | |
| 55405W 95 4 | MYR GROUP INC DEL | PUT | |
| 55405Y 10 0 * | MACOM TECH SOLUTIONS HLDGS I | COM | |
| 55405Y 90 0 | MACOM TECH SOLUTIONS HLDGS I | CALL | |
| 55405Y 95 0 | MACOM TECH SOLUTIONS HLDGS I | PUT | |
| 554225 10 2 * | MACATAWA BK CORP | COM | |
| 554225 90 2 | MACATAWA BK CORP | CALL | |
| 554225 95 2 | MACATAWA BK CORP | PUT | |
| 554382 10 1 * | MACERICH CO | COM | |
| 554382 90 1 | MACERICH CO | CALL | |
| 554382 95 1 | MACERICH CO | PUT | |
| 554489 10 4 * | MACK CALI RLTY CORP | COM | |
| 554489 90 4 | MACK CALI RLTY CORP | CALL | |
| 554489 95 4 | MACK CALI RLTY CORP | PUT | |
| 554571 10 9 | MACKINAC FINL CORP | COM | |
| 55607W 10 0 | MACQUARIE FT TR GB INF UT DI | COM | |
| 55608B AA 3 | MACQUARIE INFRASTRUCTURE COR | NOTE | 2.875% 7/1 |
| 55608B AB 1 | MACQUARIE INFRASTRUCTURE COR | NOTE | 2.000%10/0 |
| 55608B 10 5 * | MACQUARIE INFRASTRUCTURE COR | COM | |
| 55608B 90 5 | MACQUARIE INFRASTRUCTURE COR | CALL | |
| 55608B 95 5 | MACQUARIE INFRASTRUCTURE COR | PUT | |
| 55608D 10 1 | MACQUARIE GLBL INFRA TOTL RE | COM | |
| 556099 10 9 * | MACROGENICS INC | COM | |
| 556099 90 9 | MACROGENICS INC | CALL | |
| 556099 95 9 | MACROGENICS INC | PUT | |
| 55616P 10 4 * | MACYS INC | COM | |
| 55616P 90 4 | MACYS INC | CALL | |
| 55616P 95 4 | MACYS INC | PUT | |
| 556269 10 8 * | MADDEN STEVEN LTD | COM | |
| 556269 90 8 | MADDEN STEVEN LTD | CALL | |
| 556269 95 8 | MADDEN STEVEN LTD | PUT | |
| 557437 10 0 | MADISON CVRED CALL & EQ STR | COM | |
| 55825T 10 3 * | MADISON SQUARE GARDEN CO NEW | CL A | |

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| 55825T 90 3 | MADISON SQUARE GARDEN CO NEW | CALL | |
| 55825T 95 3 | MADISON SQUARE GARDEN CO NEW | PUT | |
| 558868 10 5 * | MADRIGAL PHARMACEUTICALS INC | COM | |
| 558868 90 5 | MADRIGAL PHARMACEUTICALS INC | CALL | |
| 558868 95 5 | MADRIGAL PHARMACEUTICALS INC | PUT | |
| 55903Q 10 4 * | MAG SILVER CORP | COM | |
| 55903Q 90 4 | MAG SILVER CORP | CALL | |
| 55903Q 95 4 | MAG SILVER CORP | PUT | |
| 559079 20 7 * | MAGELLAN HEALTH INC | COM NEW | |
| 559079 90 7 | MAGELLAN HEALTH INC | CALL | |
| 559079 95 7 | MAGELLAN HEALTH INC | PUT | |
| 559080 10 6 * | MAGELLAN MIDSTREAM PRTNRS LP | COM UNIT RP LP | |
| 559080 90 6 | MAGELLAN MIDSTREAM PRTNRS LP | CALL | |
| 559080 95 6 | MAGELLAN MIDSTREAM PRTNRS LP | PUT | |
| 55910K 10 8 * | MAGENTA THERAPEUTICS INC | COM | |
| 55910K 90 8 | MAGENTA THERAPEUTICS INC | CALL | |
| 55910K 95 8 | MAGENTA THERAPEUTICS INC | PUT | |
| 559166 10 3 * | MAGIC SOFTWARE ENTERPRISES L | ORD | |
| 559166 90 3 | MAGIC SOFTWARE ENTERPRISES L | CALL | |
| 559166 95 3 | MAGIC SOFTWARE ENTERPRISES L | PUT | |
| 559222 40 1 * | MAGNA INTL INC | COM | |
| 559222 90 1 | MAGNA INTL INC | CALL | |
| 559222 95 1 | MAGNA INTL INC | PUT | |
| 55932X AB 0 | MAGNACHIP SEMICONDUCTOR SA | NOTE 5.000% 3/0 | |
| 55933J 20 3 * | MAGNACHIP SEMICONDUCTOR CORP | COM | |
| 55933J 90 3 | MAGNACHIP SEMICONDUCTOR CORP | CALL | |
| 55933J 95 3 | MAGNACHIP SEMICONDUCTOR CORP | PUT | |
| 559663 10 9 * | MAGNOLIA OIL & GAS CORP | CL A | |
| 559663 90 9 | MAGNOLIA OIL & GAS CORP | CALL | |
| 559663 95 9 | MAGNOLIA OIL & GAS CORP | PUT | |
| 559663 11 7 | MAGNOLIA OIL & GAS CORP | *W EXP 07/31/202 | |
| 55977T 10 9 | MAGYAR BANCORP INC | COM | |
| 56035L 10 4 * | MAIN STREET CAPITAL CORP | COM | |
| 56035L 90 4 | MAIN STREET CAPITAL CORP | CALL | |

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| 56035L 95 4 | MAIN STREET CAPITAL CORP | PUT | |
| 56064K 10 0 | MAINSTAY MACKAY DEFINDTRM MU | COM | |
| 56064Y 10 0 | MAINSTREET BANCSHARES INC | COM | ADDED |
| 56068V 10 2 | MAJESCO | COM | |
| 56117J 10 0 * | MALIBU BOATS INC | COM CL A | |
| 56117J 90 0 | MALIBU BOATS INC | CALL | |
| 56117J 95 0 | MALIBU BOATS INC | PUT | |
| 561409 10 3 | MALVERN BANCORP INC | COM | |
| 56155L 10 8 * | MAMMOTH ENERGY SVCS INC | COM | |
| 56155L 90 8 | MAMMOTH ENERGY SVCS INC | CALL | |
| 56155L 95 8 | MAMMOTH ENERGY SVCS INC | PUT | |
| 56167N 54 8 | MANAGED PORTFOLIO SER | TORTOISE DIGIT | |
| 56167N 55 5 | MANAGED PORTFOLIO SER | TORTOISE CLOUD | |
| 56167N 72 0 | MANAGED PORTFOLIO SER | TORTOISE NRAM PI | |
| 56167N 75 3 | MANAGED PORTFOLIO SER | TORTOISE GBL WTR | |
| 56170L 82 8 | MANAGER DIRECTED PORTFOLIOS | IM DBI MNGD FU | ADDED |
| 562750 10 9 * | MANHATTAN ASSOCS INC | COM | |
| 562750 90 9 | MANHATTAN ASSOCS INC | CALL | |
| 562750 95 9 | MANHATTAN ASSOCS INC | PUT | |
| 562803 10 6 | MANHATTAN BRIDGE CAPITAL INC | COM | |
| 563420 10 8 * | MANITEX INTL INC | COM | |
| 563420 90 8 | MANITEX INTL INC | CALL | |
| 563420 95 8 | MANITEX INTL INC | PUT | |
| 563571 40 5 * | MANITOWOC CO INC | COM NEW | |
| 563571 90 5 | MANITOWOC CO INC | CALL | |
| 563571 95 5 | MANITOWOC CO INC | PUT | |
| 563771 20 3 | MANNATECH INC | COM NEW | |
| 56382Q 10 2 * | MANNING & NAPIER INC | CL A | |
| 56382Q 90 2 | MANNING & NAPIER INC | CALL | |
| 56382Q 95 2 | MANNING & NAPIER INC | PUT | |
| 56400P 70 6 * | MANNKIND CORP | COM NEW | |
| 56400P 90 6 | MANNKIND CORP | CALL | |
| 56400P 95 6 | MANNKIND CORP | PUT | |
| 56418H 10 0 * | MANPOWERGROUP INC | COM | |

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| 56418H 90 0 | MANPOWERGROUP INC | CALL | |
| 56418H 95 0 | MANPOWERGROUP INC | PUT | |
| 564563 10 4 * | MANTECH INTL CORP | CL A | |
| 564563 90 4 | MANTECH INTL CORP | CALL | |
| 564563 95 4 | MANTECH INTL CORP | PUT | |
| 56501R 10 6 * | MANULIFE FINL CORP | COM | |
| 56501R 90 6 | MANULIFE FINL CORP | CALL | |
| 56501R 95 6 | MANULIFE FINL CORP | PUT | |
| 565849 10 6 * | MARATHON OIL CORP | COM | |
| 565849 90 6 | MARATHON OIL CORP | CALL | |
| 565849 95 6 | MARATHON OIL CORP | PUT | |
| 56585A 10 2 * | MARATHON PETE CORP | COM | |
| 56585A 90 2 | MARATHON PETE CORP | CALL | |
| 56585A 95 2 | MARATHON PETE CORP | PUT | |
| 56585W 30 2 * | MARATHON PATENT GROUP INC | COM PAR | DELETED |
| 56585W 90 2 | MARATHON PATENT GROUP INC | CALL | DELETED |
| 56585W 95 2 | MARATHON PATENT GROUP INC | PUT | DELETED |
| 56585W 40 1 * | MARATHON PATENT GROUP INC | COM | ADDED |
| 56585W 90 1 | MARATHON PATENT GROUP INC | CALL | ADDED |
| 56585W 95 1 | MARATHON PATENT GROUP INC | PUT | ADDED |
| 56624R 10 8 * | MARCHEX INC | CL B | |
| 56624R 90 8 | MARCHEX INC | CALL | |
| 56624R 95 8 | MARCHEX INC | PUT | |
| 566324 10 9 * | MARCUS & MILLICHAP INC | COM | |
| 566324 90 9 | MARCUS & MILLICHAP INC | CALL | |
| 566324 95 9 | MARCUS & MILLICHAP INC | PUT | |
| 566330 10 6 * | MARCUS CORP | COM | |
| 566330 90 6 | MARCUS CORP | CALL | |
| 566330 95 6 | MARCUS CORP | PUT | |
| 567908 10 8 * | MARINEMAX INC | COM | |
| 567908 90 8 | MARINEMAX INC | CALL | |
| 567908 95 8 | MARINEMAX INC | PUT | |
| 56804T 20 5 * | MARIN SOFTWARE INC | COM NEW | |
| 56804T 90 5 | MARIN SOFTWARE INC | CALL | |

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| 56804T 95 5 | MARIN SOFTWARE INC | PUT | |
| 568423 10 7 | MARINE PETE TR | UNIT BEN INT | |
| 568427 10 8 * | MARINE PRODS CORP | COM | |
| 568427 90 8 | MARINE PRODS CORP | CALL | |
| 568427 95 8 | MARINE PRODS CORP | PUT | |
| 56854Q 10 1 * | MARINUS PHARMACEUTICALS INC | COM | |
| 56854Q 90 1 | MARINUS PHARMACEUTICALS INC | CALL | |
| 56854Q 95 1 | MARINUS PHARMACEUTICALS INC | PUT | |
| 570535 10 4 * | MARKEL CORP | COM | |
| 570535 90 4 | MARKEL CORP | CALL | |
| 570535 95 4 | MARKEL CORP | PUT | |
| 57055L 10 7 * | MARKER THERAPEUTICS INC | COM | |
| 57055L 90 7 | MARKER THERAPEUTICS INC | CALL | |
| 57055L 95 7 | MARKER THERAPEUTICS INC | PUT | |
| 57060D 10 8 * | MARKETAXESS HLDGS INC | COM | |
| 57060D 90 8 | MARKETAXESS HLDGS INC | CALL | |
| 57060D 95 8 | MARKETAXESS HLDGS INC | PUT | |
| 571157 10 6 * | MARLIN BUSINESS SVCS CORP | COM | |
| 571157 90 6 | MARLIN BUSINESS SVCS CORP | CALL | |
| 571157 95 6 | MARLIN BUSINESS SVCS CORP | PUT | |
| 57164Y AB 3 | MARRIOTT VACTINS WORLDWID CO | NOTE 1.500% 9/1 | |
| 57164Y 10 7 * | MARRIOTT VACTINS WORLDWID CO | COM | |
| 57164Y 90 7 | MARRIOTT VACTINS WORLDWID CO | CALL | |
| 57164Y 95 7 | MARRIOTT VACTINS WORLDWID CO | PUT | |
| 57165B 10 6 * | MARRONE BIO INNOVATIONS INC | COM | |
| 57165B 90 6 | MARRONE BIO INNOVATIONS INC | CALL | |
| 57165B 95 6 | MARRONE BIO INNOVATIONS INC | PUT | |
| 571748 10 2 * | MARSH & MCLENNAN COS INC | COM | |
| 571748 90 2 | MARSH & MCLENNAN COS INC | CALL | |
| 571748 95 2 | MARSH & MCLENNAN COS INC | PUT | |
| 571903 20 2 * | MARRIOTT INTL INC NEW | CL A | |
| 571903 90 2 | MARRIOTT INTL INC NEW | CALL | |
| 571903 95 2 | MARRIOTT INTL INC NEW | PUT | |
| 573075 10 8 * | MARTEN TRANS LTD | COM | |

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| 573075 90 8 | MARTEN TRANS LTD | CALL | |
| 573075 95 8 | MARTEN TRANS LTD | PUT | |
| 573284 10 6 * | MARTIN MARIETTA MATLS INC | COM | |
| 573284 90 6 | MARTIN MARIETTA MATLS INC | CALL | |
| 573284 95 6 | MARTIN MARIETTA MATLS INC | PUT | |
| 573331 10 5 * | MARTIN MIDSTREAM PRTNRS L P | UNIT L P INT | |
| 573331 90 5 | MARTIN MIDSTREAM PRTNRS L P | CALL | |
| 573331 95 5 | MARTIN MIDSTREAM PRTNRS L P | PUT | |
| 574599 10 6 * | MASCO CORP | COM | |
| 574599 90 6 | MASCO CORP | CALL | |
| 574599 95 6 | MASCO CORP | PUT | |
| 574795 10 0 * | MASIMO CORP | COM | |
| 574795 90 0 | MASIMO CORP | CALL | |
| 574795 95 0 | MASIMO CORP | PUT | |
| 575385 10 9 * | MASONITE INTL CORP NEW | COM | |
| 575385 90 9 | MASONITE INTL CORP NEW | CALL | |
| 575385 95 9 | MASONITE INTL CORP NEW | PUT | |
| 576323 10 9 * | MASTEC INC | COM | |
| 576323 90 9 | MASTEC INC | CALL | |
| 576323 95 9 | MASTEC INC | PUT | |
| 57633B 10 0 | MASTECH DIGITAL INC | COM | |
| 57636Q 10 4 * | MASTERCARD INC | CL A | |
| 57636Q 90 4 | MASTERCARD INC | CALL | |
| 57636Q 95 4 | MASTERCARD INC | PUT | |
| 57637H 10 3 * | MASTERCRAFT BOAT HLDGS INC | COM | |
| 57637H 90 3 | MASTERCRAFT BOAT HLDGS INC | CALL | |
| 57637H 95 3 | MASTERCRAFT BOAT HLDGS INC | PUT | |
| 576485 20 5 * | MATADOR RES CO | COM | |
| 576485 90 5 | MATADOR RES CO | CALL | |
| 576485 95 5 | MATADOR RES CO | PUT | |
| 57665R 10 6 * | MATCH GROUP INC | COM | |
| 57665R 90 6 | MATCH GROUP INC | CALL | |
| 57665R 95 6 | MATCH GROUP INC | PUT | |
| 57667T 10 0 | MATERIALISE NV | SPONSORED ADS | |

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| 576690 10 1 * | MATERION CORP | COM | |
| 576690 90 1 | MATERION CORP | CALL | |
| 576690 95 1 | MATERION CORP | PUT | |
| 576810 10 5 | MATINAS BIOPHARMA HLDGS INC | COM | |
| 576853 10 5 * | MATRIX SVC CO | COM | |
| 576853 90 5 | MATRIX SVC CO | CALL | |
| 576853 95 5 | MATRIX SVC CO | PUT | |
| 57686G 10 5 * | MATSON INC | COM | |
| 57686G 90 5 | MATSON INC | CALL | |
| 57686G 95 5 | MATSON INC | PUT | |
| 577081 10 2 * | MATTEL INC | COM | |
| 577081 90 2 | MATTEL INC | CALL | |
| 577081 95 2 | MATTEL INC | PUT | |
| 577128 10 1 * | MATTHEWS INTL CORP | CL A | |
| 577128 90 1 | MATTHEWS INTL CORP | CALL | |
| 577128 95 1 | MATTHEWS INTL CORP | PUT | |
| 577345 10 1 | MAUI LD & PINEAPPLE INC | COM | |
| 57772K 10 1 * | MAXIM INTEGRATED PRODS INC | COM | |
| 57772K 90 1 | MAXIM INTEGRATED PRODS INC | CALL | |
| 57772K 95 1 | MAXIM INTEGRATED PRODS INC | PUT | |
| 57776F 40 5 | MAVERIX METALS INC | COM NEW | ADDED |
| 57776J 10 0 * | MAXLINEAR INC | COM | |
| 57776J 90 0 | MAXLINEAR INC | CALL | |
| 57776J 95 0 | MAXLINEAR INC | PUT | |
| 577767 10 6 * | MAXWELL TECHNOLOGIES INC | COM | DELETED |
| 577767 90 6 | MAXWELL TECHNOLOGIES INC | CALL | DELETED |
| 577767 95 6 | MAXWELL TECHNOLOGIES INC | PUT | DELETED |
| 57778K 10 5 * | MAXAR TECHNOLOGIES INC | COM | |
| 57778K 90 5 | MAXAR TECHNOLOGIES INC | CALL | |
| 57778K 95 5 | MAXAR TECHNOLOGIES INC | PUT | |
| 577933 10 4 * | MAXIMUS INC | COM | |
| 577933 90 4 | MAXIMUS INC | CALL | |
| 577933 95 4 | MAXIMUS INC | PUT | |
| 578473 10 0 | MAYS J W INC | COM | |

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| 578605 10 7 | MAYVILLE ENGINEERING CO INC | COM | ADDED |
| 578877 10 2 * | MBT FINL CORP | COM | |
| 578877 90 2 | MBT FINL CORP | CALL | |
| 578877 95 2 | MBT FINL CORP | PUT | |
| 579489 30 3 * | MCCLATCHY CO | CL A NEW | |
| 579489 90 3 | MCCLATCHY CO | CALL | |
| 579489 95 3 | MCCLATCHY CO | PUT | |
| 579780 10 7 * | MCCORMICK & CO INC | COM VTG | |
| 579780 90 7 | MCCORMICK & CO INC | CALL | |
| 579780 95 7 | MCCORMICK & CO INC | PUT | |
| 579780 20 6 * | MCCORMICK & CO INC | COM NON VTG | |
| 579780 90 6 | MCCORMICK & CO INC | CALL | |
| 579780 95 6 | MCCORMICK & CO INC | PUT | |
| 580037 70 3 * | MCDERMOTT INTL INC | COM | |
| 580037 90 3 | MCDERMOTT INTL INC | CALL | |
| 580037 95 3 | MCDERMOTT INTL INC | PUT | |
| 580135 10 1 * | MCDONALDS CORP | COM | |
| 580135 90 1 | MCDONALDS CORP | CALL | |
| 580135 95 1 | MCDONALDS CORP | PUT | |
| 58039P 10 7 * | MCEWEN MNG INC | COM | |
| 58039P 90 7 | MCEWEN MNG INC | CALL | |
| 58039P 95 7 | MCEWEN MNG INC | PUT | |
| 580589 10 9 * | MCGRATH RENTCORP | COM | |
| 580589 90 9 | MCGRATH RENTCORP | CALL | |
| 580589 95 9 | MCGRATH RENTCORP | PUT | |
| 58155Q 10 3 * | MCKESSON CORP | COM | |
| 58155Q 90 3 | MCKESSON CORP | CALL | |
| 58155Q 95 3 | MCKESSON CORP | PUT | |
| 583840 50 9 | MECHEL PAO | SPON ADR PFD | |
| 583840 60 8 * | MECHEL PAO | SPONSORED ADR NE | |
| 583840 90 8 | MECHEL PAO | CALL | |
| 583840 95 8 | MECHEL PAO | PUT | |
| 583928 10 6 * | MEDALLION FINL CORP | COM | |
| 583928 90 6 | MEDALLION FINL CORP | CALL | |

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| 583928 95 6 | MEDALLION FINL CORP | PUT | |
| 58403P 10 5 | MEDALIST DIVERSIFIED REIT IN | COM | |
| 58409L 30 6 | MEDEQUITIES RLTY TR INC | COM | DELETED |
| 58463J 30 4 * | MEDICAL PPTYS TRUST INC | COM | |
| 58463J 90 4 | MEDICAL PPTYS TRUST INC | CALL | |
| 58463J 95 4 | MEDICAL PPTYS TRUST INC | PUT | |
| 58468P 20 6 * | MEDICINOVA INC | COM NEW | |
| 58468P 90 6 | MEDICINOVA INC | CALL | |
| 58468P 95 6 | MEDICINOVA INC | PUT | |
| 584688 AE 5 | MEDICINES CO | NOTE 2.500% 1/1 | |
| 584688 AG 0 | MEDICINES CO | NOTE 2.750% 7/1 | |
| 584688 10 5 * | MEDICINES CO | COM | |
| 584688 90 5 | MEDICINES CO | CALL | |
| 584688 95 5 | MEDICINES CO | PUT | |
| 58470H 10 1 * | MEDIFAST INC | COM | |
| 58470H 90 1 | MEDIFAST INC | CALL | |
| 58470H 95 1 | MEDIFAST INC | PUT | |
| 58471A 10 5 * | MEDIDATA SOLUTIONS INC | COM | |
| 58471A 90 5 | MEDIDATA SOLUTIONS INC | CALL | |
| 58471A 95 5 | MEDIDATA SOLUTIONS INC | PUT | |
| 58471G 12 8 | MEDIGUS LTD | *W EXP 07/23/202 | |
| 58471G 30 0 | MEDIGUS LTD | SPONSORED ADS | |
| 58502B 10 6 * | MEDNAX INC | COM | |
| 58502B 90 6 | MEDNAX INC | CALL | |
| 58502B 95 6 | MEDNAX INC | PUT | |
| 58503F 10 6 * | MEDLEY CAP CORP | COM | |
| 58503F 90 6 | MEDLEY CAP CORP | CALL | |
| 58503F 95 6 | MEDLEY CAP CORP | PUT | |
| 58503T 10 6 | MEDLEY MGMT INC | CL A COM | |
| 58506Q 10 9 * | MEDPACE HLDGS INC | COM | |
| 58506Q 90 9 | MEDPACE HLDGS INC | CALL | |
| 58506Q 95 9 | MEDPACE HLDGS INC | PUT | |
| 58513U 10 1 * | MEET GROUP INC | COM | |
| 58513U 90 1 | MEET GROUP INC | CALL | |

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| 58513U 95 1 | MEET GROUP INC | PUT | |
| 58518F 10 9 | MEGALITH FINL ACQUISITION CO | CL A COM | |
| 58518F 11 7 | MEGALITH FINL ACQUISITION CO | *W EXP 08/26/202 | |
| 58518F 20 8 | MEGALITH FINL ACQUISITION CO | UNIT 09/30/2025 | |
| 585464 10 0 * | MELCO RESORTS AND ENTMT LTD | ADR | |
| 585464 90 0 | MELCO RESORTS AND ENTMT LTD | CALL | |
| 585464 95 0 | MELCO RESORTS AND ENTMT LTD | PUT | |
| 58549G 20 9 * | MELINTA THERAPEUTICS INC | COM NEW | |
| 58549G 90 9 | MELINTA THERAPEUTICS INC | CALL | |
| 58549G 95 9 | MELINTA THERAPEUTICS INC | PUT | |
| 585553 10 0 | MELROSE BANCORP INC | COM | |
| 586858 10 2 | MENLO THERAPEUTICS INC | COM | |
| 58733R 10 2 * | MERCADOLIBRE INC | COM | |
| 58733R 90 2 | MERCADOLIBRE INC | CALL | |
| 58733R 95 2 | MERCADOLIBRE INC | PUT | |
| 58734F 30 5 | MERCANTIL BK HLDG CORP | CL A NEW | DELETED |
| 58734F 40 4 | MERCANTIL BK HLDG CORP | CL B NEW | DELETED |
| 587376 10 4 * | MERCANTILE BANK CORP | COM | |
| 587376 90 4 | MERCANTILE BANK CORP | CALL | |
| 587376 95 4 | MERCANTILE BANK CORP | PUT | |
| 588056 10 1 * | MERCER INTL INC | COM | |
| 588056 90 1 | MERCER INTL INC | CALL | |
| 588056 95 1 | MERCER INTL INC | PUT | |
| 58844R 10 8 * | MERCHANTS BANCORP IND | COM | |
| 58844R 90 8 | MERCHANTS BANCORP IND | CALL | |
| 58844R 95 8 | MERCHANTS BANCORP IND | PUT | |
| 58933Y 10 5 * | MERCK & CO INC | COM | |
| 58933Y 90 5 | MERCK & CO INC | CALL | |
| 58933Y 95 5 | MERCK & CO INC | PUT | |
| 589378 10 8 * | MERCURY SYS INC | COM | |
| 589378 90 8 | MERCURY SYS INC | CALL | |
| 589378 95 8 | MERCURY SYS INC | PUT | |
| 589400 10 0 * | MERCURY GENL CORP NEW | COM | |
| 589400 90 0 | MERCURY GENL CORP NEW | CALL | |

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| 589400 95 0 | MERCURY GENL CORP NEW | PUT | |
| 589433 10 1 * | MEREDITH CORP | COM | |
| 589433 90 1 | MEREDITH CORP | CALL | |
| 589433 95 1 | MEREDITH CORP | PUT | |
| 589492 10 7 * | MEREO BIOPHARMA GROUP PLC | ADS | ADDED |
| 589492 90 7 | MEREO BIOPHARMA GROUP PLC | CALL | ADDED |
| 589492 95 7 | MEREO BIOPHARMA GROUP PLC | PUT | ADDED |
| 58958P 10 4 | MERIDIAN CORPORATION | COM | |
| 58958U 10 3 * | MERIDIAN BANCORP INC MD | COM | |
| 58958U 90 3 | MERIDIAN BANCORP INC MD | CALL | |
| 58958U 95 3 | MERIDIAN BANCORP INC MD | PUT | |
| 589584 10 1 * | MERIDIAN BIOSCIENCE INC | COM | |
| 589584 90 1 | MERIDIAN BIOSCIENCE INC | CALL | |
| 589584 95 1 | MERIDIAN BIOSCIENCE INC | PUT | |
| 589889 10 4 * | MERIT MED SYS INC | COM | |
| 589889 90 4 | MERIT MED SYS INC | CALL | |
| 589889 95 4 | MERIT MED SYS INC | PUT | |
| 59001A 10 2 * | MERITAGE HOMES CORP | COM | |
| 59001A 90 2 | MERITAGE HOMES CORP | CALL | |
| 59001A 95 2 | MERITAGE HOMES CORP | PUT | |
| 59001K AC 4 | MERITOR INC | NOTE 7.875% 3/0 | |
| 59001K AF 7 | MERITOR INC | NOTE 3.250%10/1 | |
| 59001K 10 0 * | MERITOR INC | COM | |
| 59001K 90 0 | MERITOR INC | CALL | |
| 59001K 95 0 | MERITOR INC | PUT | |
| 590328 AA 8 | MERRIMACK PHARMACEUTICALS IN | NOTE 4.500% 7/1 | |
| 590328 20 9 * | MERRIMACK PHARMACEUTICALS IN | COM NEW | |
| 590328 90 9 | MERRIMACK PHARMACEUTICALS IN | CALL | |
| 590328 95 9 | MERRIMACK PHARMACEUTICALS IN | PUT | |
| 59045L 10 6 | MERSANA THERAPEUTICS INC | COM | |
| 590479 13 5 * | MESA AIR GROUP INC | COM NEW | |
| 590479 90 5 | MESA AIR GROUP INC | CALL | |
| 590479 95 5 | MESA AIR GROUP INC | PUT | |
| 59064R 10 9 | MESA LABS INC | COM | |

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| 590660 10 6 | MESA RTY TR | UNIT BEN INT | |
| 590672 10 1 * | MESABI TR | CTF BEN INT | |
| 590672 90 1 | MESABI TR | CALL | |
| 590672 95 1 | MESABI TR | PUT | |
| 590717 10 4 * | MESOBLAST LTD | SPONS ADR | |
| 590717 90 4 | MESOBLAST LTD | CALL | |
| 590717 95 4 | MESOBLAST LTD | PUT | |
| 59100U 10 8 * | META FINL GROUP INC | COM | |
| 59100U 90 8 | META FINL GROUP INC | CALL | |
| 59100U 95 8 | META FINL GROUP INC | PUT | |
| 59140L 10 0 | METAURUS EQUITY COMPONENT TR | US EQT CUM 2027 | |
| 59140L 20 9 | METAURUS EQUITY COMPONENT TR | US EQT EX 2027 | |
| 59151K 10 8 * | METHANEX CORP | COM | |
| 59151K 90 8 | METHANEX CORP | CALL | |
| 59151K 95 8 | METHANEX CORP | PUT | |
| 591520 20 0 * | METHODE ELECTRS INC | COM | |
| 591520 90 0 | METHODE ELECTRS INC | CALL | |
| 591520 95 0 | METHODE ELECTRS INC | PUT | |
| 59156R 10 8 * | METLIFE INC | COM | |
| 59156R 90 8 | METLIFE INC | CALL | |
| 59156R 95 8 | METLIFE INC | PUT | |
| 591774 10 4 | METROPOLITAN BK HLDG CORP | COM | |
| 592688 10 5 * | METTLER TOLEDO INTERNATIONAL | COM | |
| 592688 90 5 | METTLER TOLEDO INTERNATIONAL | CALL | |
| 592688 95 5 | METTLER TOLEDO INTERNATIONAL | PUT | |
| 592770 10 1 | MEXCO ENERGY CORP | COM | |
| 592834 10 5 | MEXICO EQUITY & INCOME FD | COM | |
| 592835 10 2 * | MEXICO FD INC | COM | |
| 592835 90 2 | MEXICO FD INC | CALL | |
| 592835 95 2 | MEXICO FD INC | PUT | |
| 59318B 10 8 | MFS INVT GRADE MUN TR | SH BEN INT | |
| 59318C 10 6 | MFS CALIF MUN FD | COM | |
| 59318D 10 4 | MFS HIGH INCOME MUN TR | SH BEN INT | |
| 59318E 10 2 | MFS HIGH YIELD MUN TR | SH BEN INT | |

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| 59318T 10 9 | MFS INTERMEDIATE HIGH INC | FD SH BEN INT | |
| 59408Q 10 6 * | MICHAELS COS INC | COM | |
| 59408Q 90 6 | MICHAELS COS INC | CALL | |
| 59408Q 95 6 | MICHAELS COS INC | PUT | |
| 594837 30 4 * | MICRO FOCUS INTERNATIONAL | PL SPON ADR NEW | DELETED |
| 594837 90 4 | MICRO FOCUS INTERNATIONAL | PL CALL | DELETED |
| 594837 95 4 | MICRO FOCUS INTERNATIONAL | PL PUT | DELETED |
| 594837 40 3 * | MICRO FOCUS INTERNATIONAL | PL SPON ADR NEW | ADDED |
| 594837 90 3 | MICRO FOCUS INTERNATIONAL | PL CALL | ADDED |
| 594837 95 3 | MICRO FOCUS INTERNATIONAL | PL PUT | ADDED |
| 594918 10 4 * | MICROSOFT CORP | COM | |
| 594918 90 4 | MICROSOFT CORP | CALL | |
| 594918 95 4 | MICROSOFT CORP | PUT | |
| 594960 30 4 * | MICROVISION INC | DEL COM NEW | |
| 594960 90 4 | MICROVISION INC | DEL CALL | |
| 594960 95 4 | MICROVISION INC | DEL PUT | |
| 594972 40 8 * | MICROSTRATEGY INC | CL A NEW | |
| 594972 90 8 | MICROSTRATEGY INC | CALL | |
| 594972 95 8 | MICROSTRATEGY INC | PUT | |
| 595017 AD 6 | MICROCHIP TECHNOLOGY INC | NOTE 1.625% 2/1 | |
| 595017 AF 1 | MICROCHIP TECHNOLOGY INC | NOTE 1.625% 2/1 | |
| 595017 AH 7 | MICROCHIP TECHNOLOGY INC | NOTE 2.250% 2/1 | |
| 595017 10 4 * | MICROCHIP TECHNOLOGY INC | COM | |
| 595017 90 4 | MICROCHIP TECHNOLOGY INC | CALL | |
| 595017 95 4 | MICROCHIP TECHNOLOGY INC | PUT | |
| 59503A 20 4 | MICROBOT MED INC | COM NEW | |
| 59511X 10 5 | MICRON SOLUTIONS INC | COM | |
| 595112 AV 5 | MICRON TECHNOLOGY INC | NOTE 2.125% 2/1 | |
| 595112 AX 1 | MICRON TECHNOLOGY INC | NOTE 3.125% 5/0 | |
| 595112 10 3 * | MICRON TECHNOLOGY INC | COM | |
| 595112 90 3 | MICRON TECHNOLOGY INC | CALL | |
| 595112 95 3 | MICRON TECHNOLOGY INC | PUT | |
| 59522J 10 3 * | MID AMER APT CMNTYS INC | COM | |
| 59522J 90 3 | MID AMER APT CMNTYS INC | CALL | |

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| 59522J 95 3 | MID AMER APT CMNTYS INC | PUT | |
| 59540G 10 7 | MID PENN BANCORP INC | COM | |
| 59548Q 10 7 | MID SOUTHERN BANCORP INC | COM | |
| 59560V 10 9 * | MID CON ENERGY PARTNERS LP | COM UNIT REPST | |
| 59560V 90 9 | MID CON ENERGY PARTNERS LP | CALL | |
| 59560V 95 9 | MID CON ENERGY PARTNERS LP | PUT | |
| 59564R 10 4 * | MIDATECH PHARMA PLC | SPONSORED ADS | DELETED |
| 59564R 90 4 | MIDATECH PHARMA PLC | CALL | DELETED |
| 59564R 95 4 | MIDATECH PHARMA PLC | PUT | DELETED |
| 59564R 20 3 | MIDATECH PHARMA PLC | SPONSORED ADR | ADDED |
| 596278 10 1 * | MIDDLEBY CORP | COM | |
| 596278 90 1 | MIDDLEBY CORP | CALL | |
| 596278 95 1 | MIDDLEBY CORP | PUT | |
| 596304 20 4 | MIDDLEFIELD BANC CORP | COM NEW | |
| 596680 10 8 * | MIDDLESEX WATER CO | COM | |
| 596680 90 8 | MIDDLESEX WATER CO | CALL | |
| 596680 95 8 | MIDDLESEX WATER CO | PUT | |
| 597742 10 5 | MIDLAND STS BANCORP INC ILL | COM | |
| 598039 10 5 | MIDSOUTH BANCORP INC | COM | |
| 59804T 40 7 * | MIDSTATES PETE CO INC | COM PAR | |
| 59804T 90 7 | MIDSTATES PETE CO INC | CALL | |
| 59804T 95 7 | MIDSTATES PETE CO INC | PUT | |
| 598511 10 3 | MIDWESTONE FINL GROUP INC NE | COM | |
| 59870L 10 6 * | MILACRON HLDGS CORP | COM | |
| 59870L 90 6 | MILACRON HLDGS CORP | CALL | |
| 59870L 95 6 | MILACRON HLDGS CORP | PUT | |
| 59935P 20 9 | MILESTONE SCIENTIFIC INC | COM NEW | |
| 59935V 10 7 | MILESTONE PHARMACEUTICALS IN | COM | ADDED |
| 600379 10 1 | MILLER HOWARD HIGH INC EQTY | COM SHS BEN IN | |
| 60040X 10 3 * | MILLENDO THERAPEUTICS INC | COM | |
| 60040X 90 3 | MILLENDO THERAPEUTICS INC | CALL | |
| 60040X 95 3 | MILLENDO THERAPEUTICS INC | PUT | |
| 600544 10 0 * | MILLER HERMAN INC | COM | |
| 600544 90 0 | MILLER HERMAN INC | CALL | |

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| 600544 95 0 | MILLER HERMAN INC | PUT | |
| 600551 20 4 * | MILLER INDS INC TENN | COM NEW | |
| 600551 90 4 | MILLER INDS INC TENN | CALL | |
| 600551 95 4 | MILLER INDS INC TENN | PUT | |
| 602675 10 0 * | MINDRAY MEDICAL INTL LTD | SPON ADR | DELETED |
| 602675 90 0 | MINDRAY MEDICAL INTL LTD | CALL | DELETED |
| 602675 95 0 | MINDRAY MEDICAL INTL LTD | PUT | DELETED |
| 603158 10 6 * | MINERALS TECHNOLOGIES INC | COM | |
| 603158 90 6 | MINERALS TECHNOLOGIES INC | CALL | |
| 603158 95 6 | MINERALS TECHNOLOGIES INC | PUT | |
| 603380 10 6 * | MINERVA NEUROSCIENCES INC | COM | |
| 603380 90 6 | MINERVA NEUROSCIENCES INC | CALL | |
| 603380 95 6 | MINERVA NEUROSCIENCES INC | PUT | |
| 60463E 10 3 | MIRAGEN THERAPEUTICS INC | COM | |
| 60468T 10 5 * | MIRATI THERAPEUTICS INC | COM | |
| 60468T 90 5 | MIRATI THERAPEUTICS INC | CALL | |
| 60468T 95 5 | MIRATI THERAPEUTICS INC | PUT | |
| 604871 10 3 * | MISONIX INC | COM | |
| 604871 90 3 | MISONIX INC | CALL | |
| 604871 95 3 | MISONIX INC | PUT | |
| 60649T 10 7 * | MISTRAS GROUP INC | COM | |
| 60649T 90 7 | MISTRAS GROUP INC | CALL | |
| 60649T 95 7 | MISTRAS GROUP INC | PUT | |
| 606501 10 4 * | MITCHAM INDS INC | COM | |
| 606501 90 4 | MITCHAM INDS INC | CALL | |
| 606501 95 4 | MITCHAM INDS INC | PUT | |
| 606710 20 0 * | MITEK SYS INC | COM NEW | |
| 606710 90 0 | MITEK SYS INC | CALL | |
| 606710 95 0 | MITEK SYS INC | PUT | |
| 606822 10 4 * | MITSUBISHI UFJ FINL GROUP IN | SPONSORED ADS | |
| 606822 90 4 | MITSUBISHI UFJ FINL GROUP IN | CALL | |
| 606822 95 4 | MITSUBISHI UFJ FINL GROUP IN | PUT | |
| 60687Y 10 9 * | MIZUHO FINL GROUP INC | SPONSORED ADR | |
| 60687Y 90 9 | MIZUHO FINL GROUP INC | CALL | |

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| 60687Y 95 9 | MIZUHO FINL GROUP INC | PUT | |
| 60688N 10 2 | MIX TELEMATICS LTD | SPONSORED ADR | |
| 60739U 20 4 * | MOBILEIRON INC | COM NEW | |
| 60739U 90 4 | MOBILEIRON INC | CALL | |
| 60739U 95 4 | MOBILEIRON INC | PUT | |
| 60740F 10 5 * | MOBILE MINI INC | COM | |
| 60740F 90 5 | MOBILE MINI INC | CALL | |
| 60740F 95 5 | MOBILE MINI INC | PUT | |
| 607409 10 9 * | MOBILE TELESYSTEMS PJSC | SPONSORED ADR | |
| 607409 90 9 | MOBILE TELESYSTEMS PJSC | CALL | |
| 607409 95 9 | MOBILE TELESYSTEMS PJSC | PUT | |
| 607525 10 2 * | MODEL N INC | COM | |
| 607525 90 2 | MODEL N INC | CALL | |
| 607525 95 2 | MODEL N INC | PUT | |
| 60765P 10 3 | MODERN MEDIA ACQUISITION | COM | |
| 60765P 11 1 | MODERN MEDIA ACQUISITION | *W EXP 05/17/202 | |
| 60765P 12 9 | MODERN MEDIA ACQUISITION | RIGHT 99/99/9999 | |
| 60765P 20 2 | MODERN MEDIA ACQUISITION | UNIT 99/99/9999 | |
| 60770K 10 7 * | MODERNA INC | COM | |
| 60770K 90 7 | MODERNA INC | CALL | |
| 60770K 95 7 | MODERNA INC | PUT | |
| 607828 10 0 * | MODINE MFG CO | COM | |
| 607828 90 0 | MODINE MFG CO | CALL | |
| 607828 95 0 | MODINE MFG CO | PUT | |
| 60786M 10 5 * | MOELIS & CO | CL A | |
| 60786M 90 5 | MOELIS & CO | CALL | |
| 60786M 95 5 | MOELIS & CO | PUT | |
| 60800C 10 9 | MOGO INC | COM | ADDED |
| 608008 10 8 | MOGO FIN TECHNOLOGY INC | COM | DELETED |
| 608012 10 0 | MOGU INC | SPON ADS | |
| 608189 10 6 | MOHAWK GROUP HLDGS INC | COM | ADDED |
| 608190 10 4 * | MOHAWK INDS INC | COM | |
| 608190 90 4 | MOHAWK INDS INC | CALL | |
| 608190 95 4 | MOHAWK INDS INC | PUT | |

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| 60855D 10 1 | MOLECULIN BIOTECH INC | COM | |
| 60855R AC 4 | MOLINA HEALTHCARE INC | NOTE 1.125% 1/1 | |
| 60855R 10 0 * | MOLINA HEALTHCARE INC | COM | |
| 60855R 90 0 | MOLINA HEALTHCARE INC | CALL | |
| 60855R 95 0 | MOLINA HEALTHCARE INC | PUT | |
| 608550 10 9 * | MOLECULAR TEMPLATES INC | COM | |
| 608550 90 9 | MOLECULAR TEMPLATES INC | CALL | |
| 608550 95 9 | MOLECULAR TEMPLATES INC | PUT | |
| 60871R 10 0 | MOLSON COORS BREWING CO | CL A | |
| 60871R 20 9 * | MOLSON COORS BREWING CO | CL B | |
| 60871R 90 9 | MOLSON COORS BREWING CO | CALL | |
| 60871R 95 9 | MOLSON COORS BREWING CO | PUT | |
| 60877T 10 0 * | MOMENTA PHARMACEUTICALS INC | COM | |
| 60877T 90 0 | MOMENTA PHARMACEUTICALS INC | CALL | |
| 60877T 95 0 | MOMENTA PHARMACEUTICALS INC | PUT | |
| 60879B AB 3 | MOMO INC | NOTE 1.250% 7/0 | ADDED |
| 60879B 10 7 * | MOMO INC | ADR | |
| 60879B 90 7 | MOMO INC | CALL | |
| 60879B 95 7 | MOMO INC | PUT | |
| 609011 20 0 | MONAKER GROUP INC | COM NEW | |
| 609027 10 7 * | MONARCH CASINO & RESORT INC | COM | |
| 609027 90 7 | MONARCH CASINO & RESORT INC | CALL | |
| 609027 95 7 | MONARCH CASINO & RESORT INC | PUT | |
| 609207 10 5 * | MONDELEZ INTL INC | CL A | |
| 609207 90 5 | MONDELEZ INTL INC | CALL | |
| 609207 95 5 | MONDELEZ INTL INC | PUT | |
| 60935Y 20 8 * | MONEYGRAM INTL INC | COM NEW | |
| 60935Y 90 8 | MONEYGRAM INTL INC | CALL | |
| 60935Y 95 8 | MONEYGRAM INTL INC | PUT | |
| 60937P 10 6 * | MONGODB INC | CL A | |
| 60937P 90 6 | MONGODB INC | CALL | |
| 60937P 95 6 | MONGODB INC | PUT | |
| 609720 10 7 * | MONMOUTH REAL ESTATE INVT CO | CL A | |
| 609720 90 7 | MONMOUTH REAL ESTATE INVT CO | CALL | |

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| 609720 95 7 | MONMOUTH REAL ESTATE INVT CO | PUT | |
| 609754 10 6 | MONOCLE ACQUISITION CORP | COM | |
| 609754 11 4 | MONOCLE ACQUISITION CORP | *W EXP 12/06/202 | |
| 609754 20 5 | MONOCLE ACQUISITION CORP | UNIT 99/99/9999 | |
| 609839 10 5 * | MONOLITHIC PWR SYS INC | COM | |
| 609839 90 5 | MONOLITHIC PWR SYS INC | CALL | |
| 609839 95 5 | MONOLITHIC PWR SYS INC | PUT | |
| 61022P 10 0 * | MONOTYPE IMAGING HOLDINGS IN | COM | |
| 61022P 90 0 | MONOTYPE IMAGING HOLDINGS IN | CALL | |
| 61022P 95 0 | MONOTYPE IMAGING HOLDINGS IN | PUT | |
| 610236 10 1 * | MONRO INC | COM | |
| 610236 90 1 | MONRO INC | CALL | |
| 610236 95 1 | MONRO INC | PUT | |
| 610335 10 1 * | MONROE CAP CORP | COM | |
| 610335 90 1 | MONROE CAP CORP | CALL | |
| 610335 95 1 | MONROE CAP CORP | PUT | |
| 61174X 10 9 * | MONSTER BEVERAGE CORP NEW | COM | |
| 61174X 90 9 | MONSTER BEVERAGE CORP NEW | CALL | |
| 61174X 95 9 | MONSTER BEVERAGE CORP NEW | PUT | |
| 61179L 10 0 * | MONTAGE RES CORP | COM | |
| 61179L 90 0 | MONTAGE RES CORP | CALL | |
| 61179L 95 0 | MONTAGE RES CORP | PUT | |
| 615369 10 5 * | MOODYS CORP | COM | |
| 615369 90 5 | MOODYS CORP | CALL | |
| 615369 95 5 | MOODYS CORP | PUT | |
| 615394 20 2 * | MOOG INC | CL A | |
| 615394 90 2 | MOOG INC | CALL | |
| 615394 95 2 | MOOG INC | PUT | |
| 615394 30 1 | MOOG INC | CL B | |
| 61744H 10 5 | MORGAN STANLEY EMER MKTS DEB | COM | |
| 61744U 10 6 | MORGAN STANLEY ASIA PAC FD I | COM | DELETED |
| 617446 44 8 * | MORGAN STANLEY | COM NEW | |
| 617446 90 8 | MORGAN STANLEY | CALL | |
| 617446 95 8 | MORGAN STANLEY | PUT | |

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| 61745C 10 5 * | MORGAN STANLEY INDIA INVS FD | COM | |
| 61745C 90 5 | MORGAN STANLEY INDIA INVS FD | CALL | |
| 61745C 95 5 | MORGAN STANLEY INDIA INVS FD | PUT | |
| 617468 10 3 * | MORGAN STANLEY CHINA A SH FD | COM | |
| 617468 90 3 | MORGAN STANLEY CHINA A SH FD | CALL | |
| 617468 95 3 | MORGAN STANLEY CHINA A SH FD | PUT | |
| 61747W 25 7 | MORGAN STANLEY | RENMIN/USD ETN | |
| 61747W 26 5 | MORGAN STANLEY | RUPEE/USD ETN | |
| 617477 10 4 | MORGAN STANLEY EM MKTS DM DE | COM | |
| 617480 27 2 | MORGAN STANLEY | LNG EURO ETN20 | |
| 617480 28 0 | MORGAN STANLEY | SHRT EUR ETN20 | |
| 61760E 84 6 | MORGAN STANLEY | CUSHNG MLP ETN | |
| 617700 10 9 * | MORNINGSTAR INC | COM | |
| 617700 90 9 | MORNINGSTAR INC | CALL | |
| 617700 95 9 | MORNINGSTAR INC | PUT | |
| 61775R 10 5 | MORPHIC HLDG INC | COM | ADDED |
| 617760 20 2 | MORPHOSYS AG | SPONSORED ADS | |
| 61945C 10 3 * | MOSAIC CO NEW | COM | |
| 61945C 90 3 | MOSAIC CO NEW | CALL | |
| 61945C 95 3 | MOSAIC CO NEW | PUT | |
| 61946M 10 0 | MOSAIC ACQUISITION CORP | COM CL A | |
| 61946M 11 8 | MOSAIC ACQUISITION CORP | *W EXP 10/23/202 | |
| 61946M 20 9 | MOSAIC ACQUISITION CORP | UNIT 99/99/9999 | |
| 619718 20 8 * | MOSYS INC | COM NEW | |
| 619718 90 8 | MOSYS INC | CALL | |
| 619718 95 8 | MOSYS INC | PUT | |
| 619784 10 1 | MOTIF BIO PLC | SPONSORED ADR | |
| 619784 11 9 | MOTIF BIO PLC | *W EXP 11/09/202 | |
| 620071 10 0 * | MOTORCAR PTS AMER INC | COM | |
| 620071 90 0 | MOTORCAR PTS AMER INC | CALL | |
| 620071 95 0 | MOTORCAR PTS AMER INC | PUT | |
| 620076 30 7 * | MOTOROLA SOLUTIONS INC | COM NEW | |
| 620076 90 7 | MOTOROLA SOLUTIONS INC | CALL | |
| 620076 95 7 | MOTOROLA SOLUTIONS INC | PUT | |

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| 62014P 10 8 | MOTUS GI HLDGS INC | COM | |
| 62426E 40 2 | MOUNTAIN PROV DIAMONDS INC | COM NEW | |
| 624580 10 6 * | MOVADO GROUP INC | COM | |
| 624580 90 6 | MOVADO GROUP INC | CALL | |
| 624580 95 6 | MOVADO GROUP INC | PUT | |
| 624697 20 7 | MOXIAN INC | COM NEW | DELETED |
| 624697 30 6 | MOXIAN INC | COM | ADDED |
| 624745 10 5 | MUDRICK CAP ACQUISITION CORP | COM CLASS A | |
| 624745 11 3 | MUDRICK CAP ACQUISITION CORP | *W EXP 02/12/202 | |
| 624745 20 4 | MUDRICK CAP ACQUISITION CORP | UNIT 02/01/2023 | |
| 624756 10 2 * | MUELLER INDS INC | COM | |
| 624756 90 2 | MUELLER INDS INC | CALL | |
| 624756 95 2 | MUELLER INDS INC | PUT | |
| 624758 10 8 * | MUELLER WTR PRODS INC | COM SER A | |
| 624758 90 8 | MUELLER WTR PRODS INC | CALL | |
| 624758 95 8 | MUELLER WTR PRODS INC | PUT | |
| 62482R 10 7 * | MR COOPER GROUP INC | COM | |
| 62482R 90 7 | MR COOPER GROUP INC | CALL | |
| 62482R 95 7 | MR COOPER GROUP INC | PUT | |
| 625383 10 4 * | MULTI COLOR CORP | COM | |
| 625383 90 4 | MULTI COLOR CORP | CALL | |
| 625383 95 4 | MULTI COLOR CORP | PUT | |
| 626717 10 2 * | MURPHY OIL CORP | COM | |
| 626717 90 2 | MURPHY OIL CORP | CALL | |
| 626717 95 2 | MURPHY OIL CORP | PUT | |
| 626755 10 2 * | MURPHY USA INC | COM | |
| 626755 90 2 | MURPHY USA INC | CALL | |
| 626755 95 2 | MURPHY USA INC | PUT | |
| 62818Q 10 4 * | MUSTANG BIO INC | COM | |
| 62818Q 90 4 | MUSTANG BIO INC | CALL | |
| 62818Q 95 4 | MUSTANG BIO INC | PUT | |
| 62844N 10 9 | MY SIZE INC | COM | |
| 62845B 10 4 | MUTUALFIRST FINL INC | COM | |
| 628464 10 9 * | MYERS INDS INC | COM | |

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| 628464 90 9 | MYERS INDS INC | CALL | |
| 628464 95 9 | MYERS INDS INC | PUT | |
| 62855J 10 4 * | MYRIAD GENETICS INC | COM | |
| 62855J 90 4 | MYRIAD GENETICS INC | CALL | |
| 62855J 95 4 | MYRIAD GENETICS INC | PUT | |
| 62857J 10 2 | MYOMO INC | COM | |
| 62857M 10 5 * | MYOKARDIA INC | COM | |
| 62857M 90 5 | MYOKARDIA INC | CALL | |
| 62857M 95 5 | MYOKARDIA INC | PUT | |
| 62857N 11 1 | MYND ANALYTICS INC | *W EXP 06/29/202 | |
| 62857N 20 2 | MYND ANALYTICS INC | COM NEW | |
| 62857P 10 8 | MYOS RENS TECHNOLOGY INC | COM | |
| 628778 10 2 * | NBT BANCORP INC | COM | |
| 628778 90 2 | NBT BANCORP INC | CALL | |
| 628778 95 2 | NBT BANCORP INC | PUT | |
| 628852 20 4 * | NCI BUILDING SYS INC | COM NEW | DELETED |
| 628852 90 4 | NCI BUILDING SYS INC | CALL | DELETED |
| 628852 95 4 | NCI BUILDING SYS INC | PUT | DELETED |
| 62886E 10 8 * | NCR CORP NEW | COM | |
| 62886E 90 8 | NCR CORP NEW | CALL | |
| 62886E 95 8 | NCR CORP NEW | PUT | |
| 628877 10 2 | NCS MULTISTAGE HLDGS INC | COM | |
| 629076 10 0 | NEBULA ACQUISITION CORP | COM CLASS A | |
| 629076 11 8 | NEBULA ACQUISITION CORP | *W EXP 03/12/202 | |
| 629076 20 9 | NEBULA ACQUISITION CORP | UNIT 03/12/2025 | |
| 629099 30 0 | NF ENERGY SAVING CORP | COM | |
| 62913F 50 8 * | NII HLDGS INC | COM PAR | |
| 62913F 90 8 | NII HLDGS INC | CALL | |
| 62913F 95 8 | NII HLDGS INC | PUT | |
| 62913M 10 7 * | NGL ENERGY PARTNERS LP | COM UNIT REPST | |
| 62913M 90 7 | NGL ENERGY PARTNERS LP | CALL | |
| 62913M 95 7 | NGL ENERGY PARTNERS LP | PUT | |
| 62914B 10 0 * | NIC INC | COM | |
| 62914B 90 0 | NIC INC | CALL | |

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| 62914B 95 0 | NIC INC | PUT | |
| 62914V 10 6 * | NIO INC | SPON ADS | |
| 62914V 90 6 | NIO INC | CALL | |
| 62914V 95 6 | NIO INC | PUT | |
| 629156 40 7 * | NL INDS INC | COM NEW | |
| 629156 90 7 | NL INDS INC | CALL | |
| 629156 95 7 | NL INDS INC | PUT | |
| 629209 30 5 * | NMI HLDGS INC | CL A | |
| 629209 90 5 | NMI HLDGS INC | CALL | |
| 629209 95 5 | NMI HLDGS INC | PUT | |
| 62921N 10 5 | NGM BIOPHARMACEUTICALS INC | COM | ADDED |
| 629337 10 6 * | NN INC | COM | |
| 629337 90 6 | NN INC | CALL | |
| 629337 95 6 | NN INC | PUT | |
| 629375 10 6 | NRC GROUP HLDGS CORP | COM | |
| 629375 11 4 | NRC GROUP HLDGS CORP | *W EXP 10/17/202 | |
| 629377 CG 5 | NRG ENERGY INC | DBCW 2.750% 6/0 | ADDED |
| 629377 50 8 * | NRG ENERGY INC | COM NEW | |
| 629377 90 8 | NRG ENERGY INC | CALL | |
| 629377 95 8 | NRG ENERGY INC | PUT | |
| 629410 60 6 | NTN BUZZTIME INC | COM PAR | |
| 62944T 10 5 | NVR INC | COM | |
| 629445 20 6 | NVE CORP | COM NEW | |
| 62945V 10 9 * | NV5 GLOBAL INC | COM | |
| 62945V 90 9 | NV5 GLOBAL INC | CALL | |
| 62945V 95 9 | NV5 GLOBAL INC | PUT | |
| 62952Q AB 6 | NXP SEMICONDUCTORS N V | NOTE 1.000%12/0 | |
| 62957H AB 1 | NABORS INDS INC NEW | NOTE 0.750% 1/1 | |
| 629579 10 3 | NACCO INDS INC | CL A | |
| 630077 10 5 * | NANOMETRICS INC | COM | |
| 630077 90 5 | NANOMETRICS INC | CALL | |
| 630077 95 5 | NANOMETRICS INC | PUT | |
| 63008G 10 4 | NANO DIMENSION LTD | SPONS ADR | |
| 63008J 10 8 | NANOVIBRONIX INC | COM | |

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| 630087 20 3 * | NANOVIRICIDES INC | COM NEW | |
| 630087 90 3 | NANOVIRICIDES INC | CALL | |
| 630087 95 3 | NANOVIRICIDES INC | PUT | |
| 63009R 10 9 * | NANOSTRING TECHNOLOGIES INC | COM | |
| 63009R 90 9 | NANOSTRING TECHNOLOGIES INC | CALL | |
| 63009R 95 9 | NANOSTRING TECHNOLOGIES INC | PUT | |
| 630104 AB 3 | NANTHEALTH INC | NOTE 5.500%12/1 | |
| 630104 10 7 * | NANTHEALTH INC | COM | |
| 630104 90 7 | NANTHEALTH INC | CALL | |
| 630104 95 7 | NANTHEALTH INC | PUT | |
| 63016Q 10 2 * | NANTKWEST INC | COM | |
| 63016Q 90 2 | NANTKWEST INC | CALL | |
| 63016Q 95 2 | NANTKWEST INC | PUT | |
| 630402 10 5 * | NAPCO SEC TECHNOLOGIES INC | COM | |
| 630402 90 5 | NAPCO SEC TECHNOLOGIES INC | CALL | |
| 630402 95 5 | NAPCO SEC TECHNOLOGIES INC | PUT | |
| 631103 10 8 * | NASDAQ INC | COM | |
| 631103 90 8 | NASDAQ INC | CALL | |
| 631103 95 8 | NASDAQ INC | PUT | |
| 632307 10 4 * | NATERA INC | COM | |
| 632307 90 4 | NATERA INC | CALL | |
| 632307 95 4 | NATERA INC | PUT | |
| 632347 10 0 | NATHANS FAMOUS INC NEW | COM | |
| 633707 10 4 * | NATIONAL BK HLDGS CORP | CL A | |
| 633707 90 4 | NATIONAL BK HLDGS CORP | CALL | |
| 633707 95 4 | NATIONAL BK HLDGS CORP | PUT | |
| 634865 10 9 | NATIONAL BANKSHARES INC VA | COM | |
| 635017 10 6 * | NATIONAL BEVERAGE CORP | COM | |
| 635017 90 6 | NATIONAL BEVERAGE CORP | CALL | |
| 635017 95 6 | NATIONAL BEVERAGE CORP | PUT | |
| 635309 10 7 * | NATIONAL CINEMEDIA INC | COM | |
| 635309 90 7 | NATIONAL CINEMEDIA INC | CALL | |
| 635309 95 7 | NATIONAL CINEMEDIA INC | PUT | |
| 63546L 10 2 | NATIONAL COMM CORP | COM | DELETED |

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| 635906 10 0 * | NATIONAL HEALTHCARE CORP | COM | |
| 635906 90 0 | NATIONAL HEALTHCARE CORP | CALL | |
| 635906 95 0 | NATIONAL HEALTHCARE CORP | PUT | |
| 636180 10 1 * | NATIONAL FUEL GAS CO N J | COM | |
| 636180 90 1 | NATIONAL FUEL GAS CO N J | CALL | |
| 636180 95 1 | NATIONAL FUEL GAS CO N J | PUT | |
| 636220 30 3 * | NATIONAL GEN HLDGS CORP | COM | |
| 636220 90 3 | NATIONAL GEN HLDGS CORP | CALL | |
| 636220 95 3 | NATIONAL GEN HLDGS CORP | PUT | |
| 636274 40 9 * | NATIONAL GRID PLC | SPONSORED ADR NE | |
| 636274 90 9 | NATIONAL GRID PLC | CALL | |
| 636274 95 9 | NATIONAL GRID PLC | PUT | |
| 63633D AE 4 | NATIONAL HEALTH INVS INC | NOTE 3.250% 4/0 | |
| 63633D 10 4 * | NATIONAL HEALTH INVS INC | COM | |
| 63633D 90 4 | NATIONAL HEALTH INVS INC | CALL | |
| 63633D 95 4 | NATIONAL HEALTH INVS INC | PUT | |
| 636375 11 5 | NATIONAL HOLDINGS CORP | *W EXP 01/18/202 | |
| 636375 20 6 | NATIONAL HOLDINGS CORP | COM NEW | |
| 636518 10 2 * | NATIONAL INSTRS CORP | COM | |
| 636518 90 2 | NATIONAL INSTRS CORP | CALL | |
| 636518 95 2 | NATIONAL INSTRS CORP | PUT | |
| 637071 10 1 * | NATIONAL OILWELL VARCO INC | COM | |
| 637071 90 1 | NATIONAL OILWELL VARCO INC | CALL | |
| 637071 95 1 | NATIONAL OILWELL VARCO INC | PUT | |
| 637215 10 4 | NATIONAL PRESTO INDS INC | COM | |
| 637372 20 2 | NATIONAL RESH CORP | COM NEW | |
| 637417 10 6 * | NATIONAL RETAIL PPTYS INC | COM | |
| 637417 90 6 | NATIONAL RETAIL PPTYS INC | CALL | |
| 637417 95 6 | NATIONAL RETAIL PPTYS INC | PUT | |
| 637546 10 2 | NATIONAL SEC GROUP INC | COM | |
| 637870 10 6 * | NATIONAL STORAGE AFFILIATES | COM SHS BEN IN | |
| 637870 90 6 | NATIONAL STORAGE AFFILIATES | CALL | |
| 637870 95 6 | NATIONAL STORAGE AFFILIATES | PUT | |
| 63845R 10 7 * | NATIONAL VISION HLDGS INC | COM | |

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| 63845R 90 7 | NATIONAL VISION HLDGS INC | CALL | |
| 63845R 95 7 | NATIONAL VISION HLDGS INC | PUT | |
| 638517 10 2 | NATIONAL WESTN LIFE GROUP IN | CL A | |
| 63873X 10 9 | NATIXIS ETF TR | SEYOND INTL ETF | |
| 63873X 20 8 | NATIXIS ETF TR | LOOMIS SAYLES | |
| 638842 30 2 | NATURAL ALTERNATIVES INTL IN | COM NEW | |
| 63886Q 10 9 * | NATURAL GAS SERVICES GROUP | COM | |
| 63886Q 90 9 | NATURAL GAS SERVICES GROUP | CALL | |
| 63886Q 95 9 | NATURAL GAS SERVICES GROUP | PUT | |
| 63888P 40 6 * | NATURAL HEALTH TRENDS CORP | COM | |
| 63888P 90 6 | NATURAL HEALTH TRENDS CORP | CALL | |
| 63888P 95 6 | NATURAL HEALTH TRENDS CORP | PUT | |
| 63888U 10 8 * | NATURAL GROCERS BY VITAMIN C | COM | |
| 63888U 90 8 | NATURAL GROCERS BY VITAMIN C | CALL | |
| 63888U 95 8 | NATURAL GROCERS BY VITAMIN C | PUT | |
| 638901 30 6 | NAVISTAR INTL CORP | PFD SR D CONV | |
| 638904 10 2 * | NAVIGATORS GROUP INC | COM | DELETED |
| 638904 90 2 | NAVIGATORS GROUP INC | CALL | DELETED |
| 638904 95 2 | NAVIGATORS GROUP INC | PUT | DELETED |
| 63900P 60 8 * | NATURAL RESOURCE PARTNERS L | COM UNIT LTD PAR | |
| 63900P 90 8 | NATURAL RESOURCE PARTNERS L | CALL | |
| 63900P 95 8 | NATURAL RESOURCE PARTNERS L | PUT | |
| 639027 10 1 * | NATURES SUNSHINE PRODUCTS IN | COM | |
| 639027 90 1 | NATURES SUNSHINE PRODUCTS IN | CALL | |
| 639027 95 1 | NATURES SUNSHINE PRODUCTS IN | PUT | |
| 63905A 20 0 | NATUZZI S P A | SPON ADS | |
| 639050 10 3 * | NATUS MEDICAL INC DEL | COM | |
| 639050 90 3 | NATUS MEDICAL INC DEL | CALL | |
| 639050 95 3 | NATUS MEDICAL INC DEL | PUT | |
| 63910B 10 2 * | NAUTILUS INC | COM | |
| 63910B 90 2 | NAUTILUS INC | CALL | |
| 63910B 95 2 | NAUTILUS INC | PUT | |
| 63934E AS 7 | NAVISTAR INTL CORP NEW | NOTE 4.750% 4/1 | DELETED |
| 63934E 10 8 * | NAVISTAR INTL CORP NEW | COM | |

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| 63934E 90 8 | NAVISTAR INTL CORP NEW | CALL | |
| 63934E 95 8 | NAVISTAR INTL CORP NEW | PUT | |
| 63935N 10 7 * | NAVIGANT CONSULTING INC | COM | |
| 63935N 90 7 | NAVIGANT CONSULTING INC | CALL | |
| 63935N 95 7 | NAVIGANT CONSULTING INC | PUT | |
| 63937X 10 3 * | NAVIDEA BIOPHARMACEUTICALS I | COM | DELETED |
| 63937X 90 3 | NAVIDEA BIOPHARMACEUTICALS I | CALL | DELETED |
| 63937X 95 3 | NAVIDEA BIOPHARMACEUTICALS I | PUT | DELETED |
| 63937X 20 2 * | NAVIDEA BIOPHARMACEUTICALS I | COM NEW | ADDED |
| 63937X 90 2 | NAVIDEA BIOPHARMACEUTICALS I | CALL | ADDED |
| 63937X 95 2 | NAVIDEA BIOPHARMACEUTICALS I | PUT | ADDED |
| 63938C 10 8 * | NAVIENT CORPORATION | COM | |
| 63938C 90 8 | NAVIENT CORPORATION | CALL | |
| 63938C 95 8 | NAVIENT CORPORATION | PUT | |
| 63938Y 10 0 | NAVIOS MARITIME HLDGS INC | SPN ADS RP PFD G | |
| 63938Y 30 8 | NAVIOS MARITIME HLDGS INC | SPON ADR PFD H | |
| 640079 10 9 * | NEENAH INC | COM | |
| 640079 90 9 | NEENAH INC | CALL | |
| 640079 95 9 | NEENAH INC | PUT | |
| 640268 10 8 * | NEKTAR THERAPEUTICS | COM | |
| 640268 90 8 | NEKTAR THERAPEUTICS | CALL | |
| 640268 95 8 | NEKTAR THERAPEUTICS | PUT | |
| 64031N 10 8 * | NELNET INC | CL A | |
| 64031N 90 8 | NELNET INC | CALL | |
| 64031N 95 8 | NELNET INC | PUT | |
| 640442 10 9 | NEMAURA MED INC | COM | |
| 64049M 20 9 * | NEOGENOMICS INC | COM NEW | |
| 64049M 90 9 | NEOGENOMICS INC | CALL | |
| 64049M 95 9 | NEOGENOMICS INC | PUT | |
| 640491 10 6 * | NEOGEN CORP | COM | |
| 640491 90 6 | NEOGEN CORP | CALL | |
| 640491 95 6 | NEOGEN CORP | PUT | |
| 64050Y 10 0 | NEON THERAPEUTICS INC | COM | |
| 64051M 70 9 * | NEONODE INC | COM PAR | |

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| 64051M 90 9 | NEONODE INC | CALL | |
| 64051M 95 9 | NEONODE INC | PUT | |
| 64051T 10 0 * | NEOPHOTONICS CORP | COM | |
| 64051T 90 0 | NEOPHOTONICS CORP | CALL | |
| 64051T 95 0 | NEOPHOTONICS CORP | PUT | |
| 64052L 10 6 * | NEOS THERAPEUTICS INC | COM | |
| 64052L 90 6 | NEOS THERAPEUTICS INC | CALL | |
| 64052L 95 6 | NEOS THERAPEUTICS INC | PUT | |
| 64065J 20 5 | NEOVASC INC | COM NEW | |
| 64079L 10 5 * | NEPTUNE WELLNESS SOLUTIONS I | COM | |
| 64079L 90 5 | NEPTUNE WELLNESS SOLUTIONS I | CALL | |
| 64079L 95 5 | NEPTUNE WELLNESS SOLUTIONS I | PUT | |
| 64107N 20 6 * | NET 1 UEPS TECHNOLOGIES INC | COM NEW | |
| 64107N 90 6 | NET 1 UEPS TECHNOLOGIES INC | CALL | |
| 64107N 95 6 | NET 1 UEPS TECHNOLOGIES INC | PUT | |
| 64110D 10 4 * | NETAPP INC | COM | |
| 64110D 90 4 | NETAPP INC | CALL | |
| 64110D 95 4 | NETAPP INC | PUT | |
| 64110L 10 6 * | NETFLIX INC | COM | |
| 64110L 90 6 | NETFLIX INC | CALL | |
| 64110L 95 6 | NETFLIX INC | PUT | |
| 64110W 10 2 * | NETEASE INC | SPONSORED ADR | |
| 64110W 90 2 | NETEASE INC | CALL | |
| 64110W 95 2 | NETEASE INC | PUT | |
| 64111Q 10 4 * | NETGEAR INC | COM | |
| 64111Q 90 4 | NETGEAR INC | CALL | |
| 64111Q 95 4 | NETGEAR INC | PUT | |
| 64111R 30 0 | NET ELEMENT INC | COM | |
| 64115A 40 2 * | NETSOL TECHNOLOGIES INC | COM PAR \$.001 | |
| 64115A 90 2 | NETSOL TECHNOLOGIES INC | CALL | |
| 64115A 95 2 | NETSOL TECHNOLOGIES INC | PUT | |
| 64115T 10 4 * | NETSCOUT SYS INC | COM | |
| 64115T 90 4 | NETSCOUT SYS INC | CALL | |
| 64115T 95 4 | NETSCOUT SYS INC | PUT | |

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| 64121N 10 9 | NETWORK 1 TECHNOLOGIES INC | COM | |
| 64123C 10 1 | NEUBERGER BRMAN CLIFRN MUNI | COM | |
| 64124K 10 2 | NEUBERGER BRMAN NY MUNI FD I | COM | |
| 64124P 10 1 | NEUBERGER BERMAN MUNI FD INC | COM | |
| 64125C AD 1 | NEUROCRINE BIOSCIENCES INC | NOTE 2.250% 5/1 | |
| 64125C 10 9 * | NEUROCRINE BIOSCIENCES INC | COM | |
| 64125C 90 9 | NEUROCRINE BIOSCIENCES INC | CALL | |
| 64125C 95 9 | NEUROCRINE BIOSCIENCES INC | PUT | |
| 641255 19 5 | NEUROMETRIX INC | *W EXP 05/29/202 | |
| 641255 70 8 | NEUROMETRIX INC | COM | |
| 64126Q 20 6 * | NEVADA GOLD & CASINOS INC | COM NEW | DELETED |
| 64126Q 90 6 | NEVADA GOLD & CASINOS INC | CALL | DELETED |
| 64126Q 95 6 | NEVADA GOLD & CASINOS INC | PUT | DELETED |
| 64127R 40 1 * | NEURALSTEM INC | COM NEW | |
| 64127R 90 1 | NEURALSTEM INC | CALL | |
| 64127R 95 1 | NEURALSTEM INC | PUT | |
| 64128C 10 6 | NEUBERGER BERMAN HGH YLD FD | COM | |
| 64129H 10 4 | NEUBERGER BERMAN MLP AND ENR | COM | |
| 64129T 20 7 * | NEUROTROPE INC | COM NEW | |
| 64129T 90 7 | NEUROTROPE INC | CALL | |
| 64129T 95 7 | NEUROTROPE INC | PUT | |
| 64131A 10 5 | NEURONETICS INC | COM | |
| 64157F AA 1 | NEVRO CORP | NOTE 1.750% 6/0 | |
| 64157F 10 3 * | NEVRO CORP | COM | |
| 64157F 90 3 | NEVRO CORP | CALL | |
| 64157F 95 3 | NEVRO CORP | PUT | |
| 64157V 10 8 * | NEW AGE BEVERAGES CORP | COM | |
| 64157V 90 8 | NEW AGE BEVERAGES CORP | CALL | |
| 64157V 95 8 | NEW AGE BEVERAGES CORP | PUT | |
| 641876 80 0 | NEW AMER HIGH INCOME FD INC | COM NEW | |
| 64190A 10 3 | NEUBERGER BERMAN RE ES SEC F | COM | |
| 643611 10 6 | NEW CONCEPT ENERGY INC | COM | |
| 644206 10 4 | NEW ENGLAND RLTY ASSOC LTD P | DEPOSITRY RCPT | |
| 644393 10 0 | NEW FORTRESS ENERGY LLC | CL A SHS RP LLC | |

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| 644465 10 6 | NEW GERMANY FD INC | COM | |
| 644535 10 6 * | NEW GOLD INC CDA | COM | |
| 644535 90 6 | NEW GOLD INC CDA | CALL | |
| 644535 95 6 | NEW GOLD INC CDA | PUT | |
| 645370 10 7 | NEW HOME CO INC | COM | |
| 645673 10 4 | NEW IRELAND FUND INC | COM | |
| 646025 10 6 * | NEW JERSEY RES | COM | |
| 646025 90 6 | NEW JERSEY RES | CALL | |
| 646025 95 6 | NEW JERSEY RES | PUT | |
| 64704V 10 6 * | NEW MEDIA INVT GROUP INC | COM | |
| 64704V 90 6 | NEW MEDIA INVT GROUP INC | CALL | |
| 64704V 95 6 | NEW MEDIA INVT GROUP INC | PUT | |
| 647551 AB 6 | NEW MTN FIN CORP | NOTE 5.000% 6/1 | DELETED |
| 647551 AC 4 | NEW MTN FIN CORP | NOTE 5.750% 8/1 | |
| 647551 10 0 * | NEW MTN FIN CORP | COM | |
| 647551 90 0 | NEW MTN FIN CORP | CALL | |
| 647551 95 0 | NEW MTN FIN CORP | PUT | |
| 647581 10 7 * | NEW ORIENTAL ED & TECH GRP I | SPON ADR | |
| 647581 90 7 | NEW ORIENTAL ED & TECH GRP I | CALL | |
| 647581 95 7 | NEW ORIENTAL ED & TECH GRP I | PUT | |
| 64828T 20 1 * | NEW RESIDENTIAL INVT CORP | COM NEW | |
| 64828T 90 1 | NEW RESIDENTIAL INVT CORP | CALL | |
| 64828T 95 1 | NEW RESIDENTIAL INVT CORP | PUT | |
| 64829B AB 6 | NEW RELIC INC | NOTE 0.500% 5/0 | ADDED |
| 64829B 10 0 * | NEW RELIC INC | COM | |
| 64829B 90 0 | NEW RELIC INC | CALL | |
| 64829B 95 0 | NEW RELIC INC | PUT | |
| 648691 10 3 * | NEW SR INVT GROUP INC | COM | |
| 648691 90 3 | NEW SR INVT GROUP INC | CALL | |
| 648691 95 3 | NEW SR INVT GROUP INC | PUT | |
| 64944P 30 7 | NEW YORK CMNTY CAP TR V | UNIT 11/01/2051 | |
| 649445 10 3 * | NEW YORK CMNTY BANCORP INC | COM | |
| 649445 90 3 | NEW YORK CMNTY BANCORP INC | CALL | |
| 649445 95 3 | NEW YORK CMNTY BANCORP INC | PUT | |

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| 649604 AD 7 | NEW YORK MTG TR INC | NOTE 6.250% 1/1 | |
| 649604 50 1 * | NEW YORK MTG TR INC | COM PAR \$.02 | |
| 649604 90 1 | NEW YORK MTG TR INC | CALL | |
| 649604 95 1 | NEW YORK MTG TR INC | PUT | |
| 649604 80 8 | NEW YORK MTG TR INC | PFD-C CONV | |
| 650111 10 7 * | NEW YORK TIMES CO | CL A | |
| 650111 90 7 | NEW YORK TIMES CO | CALL | |
| 650111 95 7 | NEW YORK TIMES CO | PUT | |
| 651229 10 6 * | NEWELL BRANDS INC | COM | |
| 651229 90 6 | NEWELL BRANDS INC | CALL | |
| 651229 95 6 | NEWELL BRANDS INC | PUT | |
| 651290 10 8 * | NEWFIELD EXPL CO | COM | DELETED |
| 651290 90 8 | NEWFIELD EXPL CO | CALL | DELETED |
| 651290 95 8 | NEWFIELD EXPL CO | PUT | DELETED |
| 651511 10 7 * | NEWLINK GENETICS CORP | COM | |
| 651511 90 7 | NEWLINK GENETICS CORP | CALL | |
| 651511 95 7 | NEWLINK GENETICS CORP | PUT | |
| 65158N 10 2 * | NEWMARK GROUP INC | CL A | |
| 65158N 90 2 | NEWMARK GROUP INC | CALL | |
| 65158N 95 2 | NEWMARK GROUP INC | PUT | |
| 651587 10 7 * | NEWMARKET CORP | COM | |
| 651587 90 7 | NEWMARKET CORP | CALL | |
| 651587 95 7 | NEWMARKET CORP | PUT | |
| 651639 10 6 * | NEWMONT GOLDCORP CORPORATION | COM | |
| 651639 90 6 | NEWMONT GOLDCORP CORPORATION | CALL | |
| 651639 95 6 | NEWMONT GOLDCORP CORPORATION | PUT | |
| 651718 AE 8 | NEWPARK RES INC | NOTE 4.000%12/0 | |
| 651718 50 4 * | NEWPARK RES INC | COM PAR \$.01NEW | |
| 651718 90 4 | NEWPARK RES INC | CALL | |
| 651718 95 4 | NEWPARK RES INC | PUT | |
| 65249B 10 9 * | NEWS CORP NEW | CL A | |
| 65249B 90 9 | NEWS CORP NEW | CALL | |
| 65249B 95 9 | NEWS CORP NEW | PUT | |
| 65249B 20 8 * | NEWS CORP NEW | CL B | |

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|---------------|-----------------------------|--------------------|--------|
| 65249B 90 8 | NEWS CORP NEW | CALL | |
| 65249B 95 8 | NEWS CORP NEW | PUT | |
| 652526 20 3 * | NEWTEK BUSINESS SVCS CORP | COM NEW | |
| 652526 90 3 | NEWTEK BUSINESS SVCS CORP | CALL | |
| 652526 95 3 | NEWTEK BUSINESS SVCS CORP | PUT | |
| 65336K 10 3 * | NEXSTAR MEDIA GROUP INC | CL A | |
| 65336K 90 3 | NEXSTAR MEDIA GROUP INC | CALL | |
| 65336K 95 3 | NEXSTAR MEDIA GROUP INC | PUT | |
| 65339F 10 1 * | NEXTERA ENERGY INC | COM | |
| 65339F 90 1 | NEXTERA ENERGY INC | CALL | |
| 65339F 95 1 | NEXTERA ENERGY INC | PUT | |
| 65339F 82 0 | NEXTERA ENERGY INC | UNIT 09/01/2019 | |
| 65340G 20 5 | NEXPOINT STRATEGIC OPORTUNT | COM NEW | |
| 65340P 10 6 | NEXGEN ENERGY LTD | COM | |
| 65341B 10 6 * | NEXTERA ENERGY PARTNERS LP | COM UNIT PART IN | |
| 65341B 90 6 | NEXTERA ENERGY PARTNERS LP | CALL | |
| 65341B 95 6 | NEXTERA ENERGY PARTNERS LP | PUT | |
| 65341D 10 2 * | NEXPOINT RESIDENTIAL TR INC | COM | |
| 65341D 90 2 | NEXPOINT RESIDENTIAL TR INC | CALL | |
| 65341D 95 2 | NEXPOINT RESIDENTIAL TR INC | PUT | |
| 65342K 10 5 | NEXTDECADE CORP | COM | |
| 65342T 10 6 | NI HLDGS INC | COM | |
| 65343C 10 2 * | NEXTGEN HEALTHCARE INC | COM | |
| 65343C 90 2 | NEXTGEN HEALTHCARE INC | CALL | |
| 65343C 95 2 | NEXTGEN HEALTHCARE INC | PUT | |
| 65343E 10 8 | NEXTCURE INC | COM | ADDED |
| 653656 10 8 * | NICE LTD | SPONSORED ADR | |
| 653656 90 8 | NICE LTD | CALL | |
| 653656 95 8 | NICE LTD | PUT | |
| 65366H AB 9 | NICE SYS INC | NOTE 1.250% 1/1 | |
| 65373J 20 9 | NICHOLAS FINANCIAL INC | COM NEW | |
| 65406E 10 2 | NICOLET BANKSHARES INC | COM | |
| 654106 10 3 * | NIKE INC | CL B | |
| 654106 90 3 | NIKE INC | CALL | |

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| 654106 95 3 | NIKE INC | PUT | |
| 65413A 10 1 | NIGHTSTAR THERAPEUTICS PLC | ADR | DELETED |
| 65441V 10 1 * | NINE ENERGY SVC INC | COM | |
| 65441V 90 1 | NINE ENERGY SVC INC | CALL | |
| 65441V 95 1 | NINE ENERGY SVC INC | PUT | |
| 65473P 10 5 * | NISOURCE INC | COM | |
| 65473P 90 5 | NISOURCE INC | CALL | |
| 65473P 95 5 | NISOURCE INC | PUT | |
| 65481N 10 0 | NIU TECHNOLOGIES | ADS | |
| 65487K 10 0 * | NLIGHT INC | COM | |
| 65487K 90 0 | NLIGHT INC | CALL | |
| 65487K 95 0 | NLIGHT INC | PUT | |
| 65487X 10 2 * | NOAH HLDGS LTD | SPON ADS CL A | |
| 65487X 90 2 | NOAH HLDGS LTD | CALL | |
| 65487X 95 2 | NOAH HLDGS LTD | PUT | |
| 654902 20 4 * | NOKIA CORP | SPONSORED ADR | |
| 654902 90 4 | NOKIA CORP | CALL | |
| 654902 95 4 | NOKIA CORP | PUT | |
| 65500B 10 3 * | NOBILIS HEALTH CORP | COM | |
| 65500B 90 3 | NOBILIS HEALTH CORP | CALL | |
| 65500B 95 3 | NOBILIS HEALTH CORP | PUT | |
| 655044 10 5 * | NOBLE ENERGY INC | COM | |
| 655044 90 5 | NOBLE ENERGY INC | CALL | |
| 655044 95 5 | NOBLE ENERGY INC | PUT | |
| 65506L 10 5 * | NOBLE MIDSTREAM PARTNERS LP | COM UNIT REPST | |
| 65506L 90 5 | NOBLE MIDSTREAM PARTNERS LP | CALL | |
| 65506L 95 5 | NOBLE MIDSTREAM PARTNERS LP | PUT | |
| 65535H 20 8 * | NOMURA HLDGS INC | SPONSORED ADR | |
| 65535H 90 8 | NOMURA HLDGS INC | CALL | |
| 65535H 95 8 | NOMURA HLDGS INC | PUT | |
| 65539A CG 3 | NOMURA AMER FIN LLC | MTNF 0.125% 1/2 | |
| 65540B 10 5 * | NOODLES & CO | COM CL A | |
| 65540B 90 5 | NOODLES & CO | CALL | |
| 65540B 95 5 | NOODLES & CO | PUT | |

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| 65548P 40 3 * | NORBORD INC | COM NEW | |
| 65548P 90 3 | NORBORD INC | CALL | |
| 65548P 95 3 | NORBORD INC | PUT | |
| 655663 10 2 * | NORDSON CORP | COM | |
| 655663 90 2 | NORDSON CORP | CALL | |
| 655663 95 2 | NORDSON CORP | PUT | |
| 655664 10 0 * | NORDSTROM INC | COM | |
| 655664 90 0 | NORDSTROM INC | CALL | |
| 655664 95 0 | NORDSTROM INC | PUT | |
| 655844 10 8 * | NORFOLK SOUTHERN CORP | COM | |
| 655844 90 8 | NORFOLK SOUTHERN CORP | CALL | |
| 655844 95 8 | NORFOLK SOUTHERN CORP | PUT | |
| 656553 10 4 | NORTECH SYS INC | COM | |
| 656811 10 6 * | NORTH AMERN CONSTR GROUP LTD | COM | |
| 656811 90 6 | NORTH AMERN CONSTR GROUP LTD | CALL | |
| 656811 95 6 | NORTH AMERN CONSTR GROUP LTD | PUT | |
| 659310 10 6 * | NORTH EUROPEAN OIL RTY TR | SH BEN INT | |
| 659310 90 6 | NORTH EUROPEAN OIL RTY TR | CALL | |
| 659310 95 6 | NORTH EUROPEAN OIL RTY TR | PUT | |
| 663904 20 9 | NORTHEAST BANCORP | COM NEW | DELETED |
| 66405S 10 0 | NORTHEAST BK LEWISTON ME | COM | ADDED |
| 66510M 20 4 * | NORTHERN DYNASTY MINERALS LT | COM NEW | |
| 66510M 90 4 | NORTHERN DYNASTY MINERALS LT | CALL | |
| 66510M 95 4 | NORTHERN DYNASTY MINERALS LT | PUT | |
| 66538H 53 4 | NORTHERN LTS FD TR IV | INSPIRE 100ETF | |
| 66538H 56 7 | NORTHERN LTS FD TR IV | FRMLAFLIO SMRT | |
| 66538H 57 5 | NORTHERN LTS FD TR IV | FRMLAFLIO TACT | |
| 66538H 58 3 | NORTHERN LTS FD TR IV | SAGE ESG INTER | |
| 66538H 59 1 | NORTHERN LTS FD TR IV | MAIN SECTR ROTN | |
| 66538H 63 3 | NORTHERN LTS FD TR IV | INSPIRE CORP | |
| 66538H 64 1 | NORTHERN LTS FD TR IV | INSPIRE SMAL ETF | |
| 66538H 65 8 | NORTHERN LTS FD TR IV | INSPIRE GBL HOPE | |
| 66538H 66 6 | NORTHERN LTS FD TR IV | FRMLAFOLIOS TATL | |
| 66538H 67 4 | NORTHERN LTS FD TR IV | FORMULA FOLIOS | |

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| 66538H 69 0 | NORTHERN LTS FD TR IV | QUTX DYAMIC BT | DELETED |
| 66538H 71 6 | NORTHERN LTS FD TR IV | QUTX RSK MGDML | DELETED |
| 66538H 73 2 | NORTHERN LTS FD TR IV | QUTX RSK MNDGW | DELETED |
| 665531 10 9 * | NORTHERN OIL & GAS INC NEV | COM | |
| 665531 90 9 | NORTHERN OIL & GAS INC NEV | CALL | |
| 665531 95 9 | NORTHERN OIL & GAS INC NEV | PUT | |
| 665809 10 9 | NORTHERN TECH INTL CORP | COM | |
| 665859 10 4 * | NORTHERN TR CORP | COM | |
| 665859 90 4 | NORTHERN TR CORP | CALL | |
| 665859 95 4 | NORTHERN TR CORP | PUT | |
| 66611T 10 8 * | NORTHFIELD BANCORP INC DEL | COM | |
| 66611T 90 8 | NORTHFIELD BANCORP INC DEL | CALL | |
| 66611T 95 8 | NORTHFIELD BANCORP INC DEL | PUT | |
| 666762 10 9 | NORTHRIM BANCORP INC | COM | |
| 666807 10 2 * | NORTHROP GRUMMAN CORP | COM | |
| 666807 90 2 | NORTHROP GRUMMAN CORP | CALL | |
| 666807 95 2 | NORTHROP GRUMMAN CORP | PUT | |
| 66706L 10 1 * | NORTHSTAR REALTY EUROPE CORP | COM | |
| 66706L 90 1 | NORTHSTAR REALTY EUROPE CORP | CALL | |
| 66706L 95 1 | NORTHSTAR REALTY EUROPE CORP | PUT | |
| 667340 10 3 * | NORTHWEST BANCSHARES INC MD | COM | |
| 667340 90 3 | NORTHWEST BANCSHARES INC MD | CALL | |
| 667340 95 3 | NORTHWEST BANCSHARES INC MD | PUT | |
| 66765N 10 5 * | NORTHWEST NAT HLDG CO | COM | |
| 66765N 90 5 | NORTHWEST NAT HLDG CO | CALL | |
| 66765N 95 5 | NORTHWEST NAT HLDG CO | PUT | |
| 667746 10 1 * | NORTHWEST PIPE CO | COM | |
| 667746 90 1 | NORTHWEST PIPE CO | CALL | |
| 667746 95 1 | NORTHWEST PIPE CO | PUT | |
| 668074 30 5 * | NORTHWESTERN CORP | COM NEW | |
| 668074 90 5 | NORTHWESTERN CORP | CALL | |
| 668074 95 5 | NORTHWESTERN CORP | PUT | |
| 669549 10 7 | NORWOOD FINANCIAL CORP | COM | |
| 66979P 10 2 * | NOVA LIFESTYLE INC | COM | |

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| 66979P 90 2 | NOVA LIFESTYLE INC | CALL | |
| 66979P 95 2 | NOVA LIFESTYLE INC | PUT | |
| 66987E 20 6 * | NOVAGOLD RES INC | COM NEW | |
| 66987E 90 6 | NOVAGOLD RES INC | CALL | |
| 66987E 95 6 | NOVAGOLD RES INC | PUT | |
| 66987P 20 1 | NOVABAY PHARMACEUTICALS INC | COM NEW | |
| 66987V 10 9 * | NOVARTIS A G | SPONSORED ADR | |
| 66987V 90 9 | NOVARTIS A G | CALL | |
| 66987V 95 9 | NOVARTIS A G | PUT | |
| 66988N 10 6 * | NOVAN INC | COM | |
| 66988N 90 6 | NOVAN INC | CALL | |
| 66988N 95 6 | NOVAN INC | PUT | |
| 67000B 10 4 * | NOVANTA INC | COM | |
| 67000B 90 4 | NOVANTA INC | CALL | |
| 67000B 95 4 | NOVANTA INC | PUT | |
| 670002 AB 0 | NOVAVAX INC | NOTE 3.750% 2/0 | |
| 670002 10 4 * | NOVAVAX INC | COM | DELETED |
| 670002 90 4 | NOVAVAX INC | CALL | DELETED |
| 670002 95 4 | NOVAVAX INC | PUT | DELETED |
| 670002 40 1 * | NOVAVAX INC | COM NEW | ADDED |
| 670002 90 1 | NOVAVAX INC | CALL | ADDED |
| 670002 95 1 | NOVAVAX INC | PUT | ADDED |
| 670008 AD 3 | NOVELLUS SYS INC | NOTE 2.625% 5/1 | |
| 67001K 20 2 * | NOVELION THERAPEUTICS INC | COM NEW | |
| 67001K 90 2 | NOVELION THERAPEUTICS INC | CALL | |
| 67001K 95 2 | NOVELION THERAPEUTICS INC | PUT | |
| 670100 20 5 * | NOVO-NORDISK A S | ADR | |
| 670100 90 5 | NOVO-NORDISK A S | CALL | |
| 670100 95 5 | NOVO-NORDISK A S | PUT | |
| 67011N 10 5 * | NOVUS THERAPEUTICS INC | COM | |
| 67011N 90 5 | NOVUS THERAPEUTICS INC | CALL | |
| 67011N 95 5 | NOVUS THERAPEUTICS INC | PUT | |
| 67011P 10 0 * | NOW INC | COM | |
| 67011P 90 0 | NOW INC | CALL | |

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| 67011P 95 0 | NOW INC | PUT | |
| 67012D 10 6 | NOVUME SOLUTIONS INC | COM | DELETED |
| 67018T 10 5 * | NU SKIN ENTERPRISES INC | CL A | |
| 67018T 90 5 | NU SKIN ENTERPRISES INC | CALL | |
| 67018T 95 5 | NU SKIN ENTERPRISES INC | PUT | |
| 67020Y AF 7 | NUANCE COMMUNICATIONS INC | NOTE 2.750%11/0 | |
| 67020Y AG 5 | NUANCE COMMUNICATIONS INC | DEBT 1.500%11/0 | |
| 67020Y AK 6 | NUANCE COMMUNICATIONS INC | DBCW 1.000%12/1 | |
| 67020Y AN 0 | NUANCE COMMUNICATIONS INC | NOTE 1.250% 4/0 | |
| 67020Y 10 0 * | NUANCE COMMUNICATIONS INC | COM | |
| 67020Y 90 0 | NUANCE COMMUNICATIONS INC | CALL | |
| 67020Y 95 0 | NUANCE COMMUNICATIONS INC | PUT | |
| 67022C 10 6 | NUCANA PLC | SPONSORED ADR | |
| 670346 10 5 * | NUCOR CORP | COM | |
| 670346 90 5 | NUCOR CORP | CALL | |
| 670346 95 5 | NUCOR CORP | PUT | |
| 67058H 10 2 * | NUSTAR ENERGY LP | UNIT COM | |
| 67058H 90 2 | NUSTAR ENERGY LP | CALL | |
| 67058H 95 2 | NUSTAR ENERGY LP | PUT | |
| 67059N AB 4 | NUTANIX INC | NOTE 1/1 | |
| 67059N 10 8 * | NUTANIX INC | CL A | |
| 67059N 90 8 | NUTANIX INC | CALL | |
| 67059N 95 8 | NUTANIX INC | PUT | |
| 6706EB 10 6 | NUVEEN CALIF MUNICIPAL VALU F | COM | |
| 6706EN 10 0 | NUVEEN FLTNG RTE INCM OPP FD | COM SHS | |
| 6706EP 10 5 | NUVEEN DIVERSIFIED DIV INCM | COM | |
| 6706ER 10 1 | NUVEEN S&P 500 BUY-WRITE INC | COM | |
| 6706EW 10 0 | NUVEEN S&P 500 DYN OVERWRITE | COM | |
| 67060D 10 7 | NUVEEN CONNECTICUT QLT Y MUN | COM | |
| 67060P 10 0 | NUVEEN NORTH CAROLINA QLT Y M | COM | |
| 67060Q 10 8 | NUVEEN MISSOURI QLT MUN INC | COM | |
| 67061E 10 4 | NUVEEN MASSACHUSETTS QLT MUN | COM | |
| 67061Q 10 7 | NUVEEN MARYLAND QLT MUN INC | COM | |
| 67061T 10 1 | NUVEEN SELECT MAT MUN FD | SH BEN INT | |

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| 67061W 10 4 | NUVEEN ARIZONA QLTY MUN INC | COM | |
| 67062C 10 7 | NUVEEN CALIF MUN VALUE FD | COM | |
| 67062F 10 0 | NUVEEN SELECT TAX FREE INCM | SH BEN INT | |
| 67062J 10 2 | NUVEEN MUN INCOME FD INC | COM | |
| 67062M 10 5 | NUVEEN NY MUN VALUE FD | COM | |
| 67063C 10 6 | NUVEEN SELECT TAX FREE INCM | SH BEN INT | |
| 67063R 10 3 | NUVEEN CA SELECT TAX FREE PR | SH BEN INT | |
| 67063V 10 4 | NUVEEN NY SELECT TAX FREE PR | SH BEN INT | |
| 67063X 10 0 | NUVEEN SELECT TAX FREE INCM | SH BEN INT | |
| 67064R 10 2 | NUVEEN VIRGINIA QLTY MUNCPL | COM | |
| 670651 10 8 | NUVEEN CALIFORNIA AMT QLT MU | COM | |
| 670656 10 7 | NUVEEN NEW YORK AMT QLT MUNI | COM | |
| 670657 10 5 | NUVEEN AMT FREE QLTY MUN INC | COM | |
| 67066G 10 4 * | NVIDIA CORP | COM | |
| 67066G 90 4 | NVIDIA CORP | CALL | |
| 67066G 95 4 | NVIDIA CORP | PUT | |
| 67066V 10 1 | NUVEEN QUALITY MUNCP INCOME | COM | |
| 67066X 10 7 | NUVEEN NEW YORK QLT MUN INC | COM | |
| 67066Y 10 5 | NUVEEN CA QUALTY MUN INCOME | COM | |
| 67067Y 10 4 | NUVEEN SR INCOME FD | COM | |
| 670671 10 6 | NUVEEN INTER DURATION MN TMF | COM | |
| 670677 10 3 | NUVEEN INT DUR QUAL MUN TRM | COM | |
| 670682 10 3 | NUVEEN MUN HIGH INCOME OPP F | COM | |
| 670687 10 2 | NUVEEN MUN 2021 TARGET TERM | COM | |
| 67069Y 10 2 | NUVEEN NEW JERSEY QULT MUN F | COM | |
| 670695 10 5 | NUVEEN AMT-FREE MUN VALUE FD | COM | |
| 670699 10 7 | NUVEEN NASDAQ 100 DYNAMIC OV | COM SHS | |
| 67070X 10 1 | NUVEEN MUNICIPAL CREDIT INC | COM SH BEN INT | |
| 670702 10 9 | NUVEEN NEW JERSEY MUN VALUE | SHS | |
| 670704 AG 0 | NUVASIVE INC | NOTE 2.250% 3/1 | |
| 670704 10 5 * | NUVASIVE INC | COM | |
| 670704 90 5 | NUVASIVE INC | CALL | |
| 670704 95 5 | NUVASIVE INC | PUT | |
| 670706 10 0 | NUVEEN NEW YORK MUN VALUE FD | COM | |

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| 67071B 10 8 | NUVEEN REAL ESTATE INCOME FD | COM | |
| 67071L 10 6 | NUVEEN AMT FREE MUN CR INC F | COM | |
| 67072B 10 7 | NUVEEN GEORGIA QLTY MUN INC | COM | |
| 67072C 10 5 | NUVEEN PFD & INCM SECURTIES | COM | |
| 67072T 10 8 | NUVEEN FLOATING RATE INCOME | COM | |
| 67073B 10 6 | NUVEEN PFD & INCM OPPORTNYS | COM | |
| 67073D 10 2 | NUVEEN CR STRATEGIES INCM FD | COM SHS | |
| 67073G 10 5 | NUVEEN TAX ADVANTAGED DIV GR | COM | |
| 670734 10 2 | NUVEEN MINESOTA QLT MUN INC | SHS | |
| 670735 10 9 | NUVEEN MTG OPPORTUNITY TERM | COM | |
| 67074C 10 3 | NUVEEN TAXABLE MUNICPL INCM | COM | |
| 67074K 10 5 | NUVEEN PA MUN VALUE FD | COM | |
| 67074M 10 1 | NUVEEN ENHANCED MUN VALUE FD | COM | |
| 67074R 10 0 | NUVEEN MTG OPPTY TERM FD 2 | COM | |
| 67074U 10 3 | NUVEEN ENERGY MLP TOTL RTRNF | COM | |
| 67074X 10 7 | NUVEEN SHT DUR CR OPP FD | COM | |
| 67074Y 10 5 | NUVEEN REAL ASSET INM AND GW | COM | |
| 67075A 10 6 | NUVEEN PFD & INCOME TERM FD | COM | |
| 67075E 10 8 | NUVEEN ALL CAP ENE MLP OPPO | COM | |
| 67075F 10 5 | NUVEEN DOW 30 DYN OVERWRITE | SHS | |
| 67075G 10 3 | NUVEEN GLOBAL HIGH INCOME FD | SHS | |
| 67075J 10 7 | NUVEEN MULTI MKT INCOME FD | COM | |
| 67075L 10 2 | NUVEEN HIGH INCOME 2020 TARG | COM | |
| 67075N 10 8 * | NUVECTRA CORP | COM | |
| 67075N 90 8 | NUVECTRA CORP | CALL | |
| 67075N 95 8 | NUVECTRA CORP | PUT | |
| 67075T 10 5 | NUVEEN PFD & INCOME 2022 TER | COM | |
| 67075U 10 2 | NUVEEN CR OPPORTUNITIES 2022 | COM | |
| 67076E 10 7 | NUVEEN HIGH INCOME DECMBR 20 | COM | |
| 67077M 10 8 * | NUTRIEN LTD | COM | |
| 67077M 90 8 | NUTRIEN LTD | CALL | |
| 67077M 95 8 | NUTRIEN LTD | PUT | |
| 67077N 10 6 | NUVEEN HIGH INCOME NOVEMBER | COM | |
| 67077P 10 1 | NUVEEN EMERGING MKTS DEBT 20 | COM | |

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| 67079F 10 1 | NUVEEN HIGH INCOME 2023 TARG | COM | |
| 670837 10 3 * | OGE ENERGY CORP | COM | |
| 670837 90 3 | OGE ENERGY CORP | CALL | |
| 670837 95 3 | OGE ENERGY CORP | PUT | |
| 670851 50 0 | OI S A | SPONSORED ADR NE | |
| 67090H 10 2 | NUVEEN TX ADV TOTAL RET STRG | COM | |
| 67090X 10 7 | NUVEEN CORE EQUITY ALPHA FUN | COM | |
| 67091J 12 3 | NXT ID INC | *W EXP 09/02/201 | |
| 67091J 20 6 * | NXT ID INC | COM NEW | |
| 67091J 90 6 | NXT ID INC | CALL | |
| 67091J 95 6 | NXT ID INC | PUT | |
| 67091K 30 2 | NUVERRA ENVIRONMENTAL SOLUTI | COM PAR | |
| 67091U 10 2 * | OHA INVT CORP | COM | |
| 67091U 90 2 | OHA INVT CORP | CALL | |
| 67091U 95 2 | OHA INVT CORP | PUT | |
| 67092P 10 2 | NUSHARES ETF TR | NUVEEN ENHNC YLD | |
| 67092P 11 0 | NUSHARES ETF TR | NUVEEN ENHCD 1 5 | |
| 67092P 20 1 | NUSHARES ETF TR | NUVEEN ESG LRGCP | |
| 67092P 30 0 | NUSHARES ETF TR | NUVEEN ESG LRGVL | |
| 67092P 40 9 | NUSHARES ETF TR | NUVEEN ESG MIDCP | |
| 67092P 50 8 | NUSHARES ETF TR | NUVEEN ESG MIDVL | |
| 67092P 60 7 | NUSHARES ETF TR | NUVEEN ESG SMLCP | |
| 67092P 70 6 | NUSHARES ETF TR | NUVEEN SHRT TERM | |
| 67092P 80 5 | NUSHARES ETF TR | NUVEEN ESG INTL | |
| 67092P 86 2 | NUSHARES ETF TR | ESG LARGE CAP | ADDED |
| 67092P 87 0 | NUSHARES ETF TR | NUVEEN ESG US | |
| 67092P 88 8 | NUSHARES ETF TR | NUVEEN ESG EMRGN | |
| 670928 10 0 | NUVEEN MUN VALUE FD INC | COM | |
| 670972 10 8 | NUVEEN PENNSYLVANIA QLT MUN | COM | |
| 670979 10 3 | NUVEEN MICHIGAN QLT MUN INC | COM | |
| 670980 10 1 | NUVEEN OHIO QLTY MUN INCOME | COM | |
| 670983 10 5 | NUVEEN TEXAS QLTY MUN INCME | COM | |
| 67103B 10 0 | OFS CAP CORP | COM | |
| 67103H 10 7 * | O REILLY AUTOMOTIVE INC NEW | COM | |

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|---------------|------------------------------|--------------------|--------|
| 67103H 90 7 | O REILLY AUTOMOTIVE INC NEW | CALL | |
| 67103H 95 7 | O REILLY AUTOMOTIVE INC NEW | PUT | |
| 67103X 10 2 * | OFB BANCORP | COM | |
| 67103X 90 2 | OFB BANCORP | CALL | |
| 67103X 95 2 | OFB BANCORP | PUT | |
| 671044 AD 7 | OSI SYSTEMS INC | NOTE 1.250% 9/0 | |
| 671044 10 5 * | OSI SYSTEMS INC | COM | |
| 671044 90 5 | OSI SYSTEMS INC | CALL | |
| 671044 95 5 | OSI SYSTEMS INC | PUT | |
| 67107W 10 0 * | O2MICRO INTERNATIONAL LTD | SPONS ADR | |
| 67107W 90 0 | O2MICRO INTERNATIONAL LTD | CALL | |
| 67107W 95 0 | O2MICRO INTERNATIONAL LTD | PUT | |
| 67109R 10 9 | OP BANCORP | COM | |
| 67110P 10 0 | OSI ETF TR | OSHARES FTSE | |
| 67110P 40 7 * | OSI ETF TR | OSHARS FTSE US | |
| 67110P 90 7 | OSI ETF TR | CALL | |
| 67110P 95 7 | OSI ETF TR | PUT | |
| 67110P 50 6 | OSI ETF TR | OSHARES FTSE EUR | |
| 67110P 70 4 | OSI ETF TR | OSHS GBL INTER | |
| 67111Q 10 7 | OFS CREDIT COMPANY INC | COM | |
| 671807 10 5 | OAK VALLEY BANCORP OAKDALE C | COM | |
| 674001 20 1 * | OAKTREE CAP GROUP LLC | UNIT CL A | |
| 674001 90 1 | OAKTREE CAP GROUP LLC | CALL | |
| 674001 95 1 | OAKTREE CAP GROUP LLC | PUT | |
| 67401P 10 8 * | OAKTREE SPECIALTY LENDING CO | COM | |
| 67401P 90 8 | OAKTREE SPECIALTY LENDING CO | CALL | |
| 67401P 95 8 | OAKTREE SPECIALTY LENDING CO | PUT | |
| 67402D 10 4 * | OAKTREE STRATEGIC INCOME COR | COM | |
| 67402D 90 4 | OAKTREE STRATEGIC INCOME COR | CALL | |
| 67402D 95 4 | OAKTREE STRATEGIC INCOME COR | PUT | |
| 67420T 20 6 | OASIS MIDSTREAM PARTNERS LP | COM UNITS REPS | |
| 67421W 10 9 | OASMIA PHARMACEUTICAL AB | ADR | |
| 674215 AJ 7 | OASIS PETE INC NEW | NOTE 2.625% 9/1 | |
| 674215 10 8 * | OASIS PETE INC NEW | COM | |

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| 674215 90 8 | OASIS PETE INC NEW | CALL | |
| 674215 95 8 | OASIS PETE INC NEW | PUT | |
| 67424L 10 0 * | OBALON THERAPEUTICS INC | COM | |
| 67424L 90 0 | OBALON THERAPEUTICS INC | CALL | |
| 67424L 95 0 | OBALON THERAPEUTICS INC | PUT | |
| 674482 10 4 * | OBSIDIAN ENERGY LTD | COM | DELETED |
| 674482 90 4 | OBSIDIAN ENERGY LTD | CALL | DELETED |
| 674482 95 4 | OBSIDIAN ENERGY LTD | PUT | DELETED |
| 674482 20 3 * | OBSIDIAN ENERGY LTD | COM | ADDED |
| 674482 90 3 | OBSIDIAN ENERGY LTD | CALL | ADDED |
| 674482 95 3 | OBSIDIAN ENERGY LTD | PUT | ADDED |
| 674599 10 5 * | OCCIDENTAL PETE CORP | COM | |
| 674599 90 5 | OCCIDENTAL PETE CORP | CALL | |
| 674599 95 5 | OCCIDENTAL PETE CORP | PUT | |
| 674631 10 6 | OCEAN BIO CHEM INC | COM | |
| 674870 50 6 | OCEAN PWR TECHNOLOGIES INC | COM NEW | |
| 675232 10 2 * | OCEANEERING INTL INC | COM | |
| 675232 90 2 | OCEANEERING INTL INC | CALL | |
| 675232 95 2 | OCEANEERING INTL INC | PUT | |
| 675234 10 8 * | OCEANFIRST FINL CORP | COM | |
| 675234 90 8 | OCEANFIRST FINL CORP | CALL | |
| 675234 95 8 | OCEANFIRST FINL CORP | PUT | |
| 67551U 20 4 * | OCH ZIFF CPTL MANGEMNT GRP I | CL A NEW | |
| 67551U 90 4 | OCH ZIFF CPTL MANGEMNT GRP I | CALL | |
| 67551U 95 4 | OCH ZIFF CPTL MANGEMNT GRP I | PUT | |
| 675607 10 5 | OCONEE FED FINL CORP | COM | |
| 675746 30 9 * | OCWEN FINL CORP | COM NEW | |
| 675746 90 9 | OCWEN FINL CORP | CALL | |
| 675746 95 9 | OCWEN FINL CORP | PUT | |
| 67576A 10 0 * | OCULAR THERAPEUTIX INC | COM | |
| 67576A 90 0 | OCULAR THERAPEUTIX INC | CALL | |
| 67576A 95 0 | OCULAR THERAPEUTIX INC | PUT | |
| 676079 10 6 | ODONATE THERAPEUTICS INC | COM | |
| 676118 20 1 * | ODYSSEY MARINE EXPLORATION I | COM NEW | |

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| 676118 90 1 | ODYSSEY MARINE EXPLORATION I | CALL | |
| 676118 95 1 | ODYSSEY MARINE EXPLORATION I | PUT | |
| 676220 10 6 * | OFFICE DEPOT INC | COM | |
| 676220 90 6 | OFFICE DEPOT INC | CALL | |
| 676220 95 6 | OFFICE DEPOT INC | PUT | |
| 67623C 10 9 * | OFFICE PPTYS INCOME TR | COM SHS BEN INT | |
| 67623C 90 9 | OFFICE PPTYS INCOME TR | CALL | |
| 67623C 95 9 | OFFICE PPTYS INCOME TR | PUT | |
| 677719 10 6 | OHIO VY BANC CORP | COM | |
| 67778H 30 9 * | OHR PHARMACEUTICAL INC | COM | |
| 67778H 90 9 | OHR PHARMACEUTICAL INC | CALL | |
| 67778H 95 9 | OHR PHARMACEUTICAL INC | PUT | |
| 677864 10 0 | OIL DRI CORP AMER | COM | |
| 678026 AH 8 | OIL STS INTL INC | NOTE 1.500% 2/1 | ADDED |
| 678026 10 5 * | OIL STS INTL INC | COM | |
| 678026 90 5 | OIL STS INTL INC | CALL | |
| 678026 95 5 | OIL STS INTL INC | PUT | |
| 679295 AB 1 | OKTA INC | NOTE 0.250% 2/1 | |
| 679295 10 5 * | OKTA INC | CL A | |
| 679295 90 5 | OKTA INC | CALL | |
| 679295 95 5 | OKTA INC | PUT | |
| 679580 10 0 * | OLD DOMINION FREIGHT LINE IN | COM | |
| 679580 90 0 | OLD DOMINION FREIGHT LINE IN | CALL | |
| 679580 95 0 | OLD DOMINION FREIGHT LINE IN | PUT | |
| 67984M 10 0 | OLD LINE BANCSHARES INC | COM | |
| 680033 10 7 * | OLD NATL BANCORP IND | COM | |
| 680033 90 7 | OLD NATL BANCORP IND | CALL | |
| 680033 95 7 | OLD NATL BANCORP IND | PUT | |
| 680194 10 7 | OLD POINT FINL CORP | COM | |
| 680223 10 4 * | OLD REP INTL CORP | COM | |
| 680223 90 4 | OLD REP INTL CORP | CALL | |
| 680223 95 4 | OLD REP INTL CORP | PUT | |
| 680277 10 0 * | OLD SECOND BANCORP INC ILL | COM | |
| 680277 90 0 | OLD SECOND BANCORP INC ILL | CALL | |

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| 680277 95 0 | OLD SECOND BANCORP INC ILL | PUT | |
| 680665 20 5 * | OLIN CORP | COM PAR \$1 | |
| 680665 90 5 | OLIN CORP | CALL | |
| 680665 95 5 | OLIN CORP | PUT | |
| 681116 10 9 * | OLLIES BARGAIN OUTLT HLDGS I | COM | |
| 681116 90 9 | OLLIES BARGAIN OUTLT HLDGS I | CALL | |
| 681116 95 9 | OLLIES BARGAIN OUTLT HLDGS I | PUT | |
| 68162K 10 6 * | OLYMPIC STEEL INC | COM | |
| 68162K 90 6 | OLYMPIC STEEL INC | CALL | |
| 68162K 95 6 | OLYMPIC STEEL INC | PUT | |
| 681904 AL 2 | OMNICARE INC | DBCV 3.250%12/1 | DELETED |
| 681919 10 6 * | OMNICOM GROUP INC | COM | |
| 681919 90 6 | OMNICOM GROUP INC | CALL | |
| 681919 95 6 | OMNICOM GROUP INC | PUT | |
| 681936 10 0 * | OMEGA HEALTHCARE INVS INC | COM | |
| 681936 90 0 | OMEGA HEALTHCARE INVS INC | CALL | |
| 681936 95 0 | OMEGA HEALTHCARE INVS INC | PUT | |
| 682095 10 4 | OMEGA FLEX INC | COM | |
| 682129 10 1 * | OMNOVA SOLUTIONS INC | COM | |
| 682129 90 1 | OMNOVA SOLUTIONS INC | CALL | |
| 682129 95 1 | OMNOVA SOLUTIONS INC | PUT | |
| 68213N 10 9 * | OMNICELL INC | COM | |
| 68213N 90 9 | OMNICELL INC | CALL | |
| 68213N 95 9 | OMNICELL INC | PUT | |
| 682143 10 2 * | OMEROS CORP | COM | |
| 682143 90 2 | OMEROS CORP | CALL | |
| 682143 95 2 | OMEROS CORP | PUT | |
| 682163 10 0 * | ON DECK CAP INC | COM | |
| 682163 90 0 | ON DECK CAP INC | CALL | |
| 682163 95 0 | ON DECK CAP INC | PUT | |
| 682189 AK 1 | ON SEMICONDUCTOR CORP | NOTE 1.000%12/0 | |
| 682189 AP 0 | ON SEMICONDUCTOR CORP | NOTE 1.625%10/1 | |
| 682189 10 5 * | ON SEMICONDUCTOR CORP | COM | |
| 682189 90 5 | ON SEMICONDUCTOR CORP | CALL | |

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| 682189 95 5 | ON SEMICONDUCTOR CORP | PUT | |
| 682310 87 5 | ONCOLYTICS BIOTECH INC | COM NEW | |
| 68232V 11 6 | ONCONOVA THERAPEUTICS INC | *W EXP 07/11/202 | |
| 68232V 40 5 | ONCONOVA THERAPEUTICS INC | COM PAR | |
| 68234L 20 7 | ONCOSEC MED INC | COM NEW | DELETED |
| 68234L 30 6 | ONCOSEC MED INC | COM | ADDED |
| 68234X 10 2 * | ONCOMED PHARMACEUTICALS INC | COM | DELETED |
| 68234X 90 2 | ONCOMED PHARMACEUTICALS INC | CALL | DELETED |
| 68234X 95 2 | ONCOMED PHARMACEUTICALS INC | PUT | DELETED |
| 68235B 10 9 * | 180 DEGREE CAP CORP | COM | |
| 68235B 90 9 | 180 DEGREE CAP CORP | CALL | |
| 68235B 95 9 | 180 DEGREE CAP CORP | PUT | |
| 68235C 10 7 * | ONCOCYTE CORPORATION | COM | |
| 68235C 90 7 | ONCOCYTE CORPORATION | CALL | |
| 68235C 95 7 | ONCOCYTE CORPORATION | PUT | |
| 68235P 10 8 * | ONE GAS INC | COM | |
| 68235P 90 8 | ONE GAS INC | CALL | |
| 68235P 95 8 | ONE GAS INC | PUT | |
| 68236P 10 7 * | ONCTERNAL THERAPEUTICS INC | COM | ADDED |
| 68236P 90 7 | ONCTERNAL THERAPEUTICS INC | CALL | ADDED |
| 68236P 95 7 | ONCTERNAL THERAPEUTICS INC | PUT | ADDED |
| 682406 10 3 * | ONE LIBERTY PPTYS INC | COM | |
| 682406 90 3 | ONE LIBERTY PPTYS INC | CALL | |
| 682406 95 3 | ONE LIBERTY PPTYS INC | PUT | |
| 68243Q 10 6 * | FLWS/1-800 FLOWERS | CL A | |
| 68243Q 90 6 | FLWS/1-800 FLOWERS | CALL | |
| 68243Q 95 6 | FLWS/1-800 FLOWERS | PUT | |
| 68244P 10 7 | 1347 PPTY INS HLDGS INC | COM | |
| 68247Q 10 2 | 111 INC | ADS | |
| 68247W 10 9 | ONE STOP SYS INC | COM | |
| 68268W 10 3 * | ONEMAIN HLDGS INC | COM | |
| 68268W 90 3 | ONEMAIN HLDGS INC | CALL | |
| 68268W 95 3 | ONEMAIN HLDGS INC | PUT | |
| 682680 10 3 * | ONEOK INC NEW | COM | |

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| 682680 90 3 | ONEOK INC NEW | CALL | |
| 682680 95 3 | ONEOK INC NEW | PUT | |
| 68276W 10 3 | ONESMART INTL ED GROUP LTD | SPONSORED ADS | |
| 68287N 10 0 * | ONESPAN INC | COM | |
| 68287N 90 0 | ONESPAN INC | CALL | |
| 68287N 95 0 | ONESPAN INC | PUT | |
| 683416 10 1 * | OOMA INC | COM | |
| 683416 90 1 | OOMA INC | CALL | |
| 683416 95 1 | OOMA INC | PUT | |
| 683715 10 6 * | OPEN TEXT CORP | COM | |
| 683715 90 6 | OPEN TEXT CORP | CALL | |
| 683715 95 6 | OPEN TEXT CORP | PUT | |
| 68373L 12 5 | OPGEN INC | *W EXP 05/08/202 | |
| 68373L 20 8 | OPGEN INC | COM NEW | |
| 68373M 10 7 | OPERA LTD | SPONSORED ADS | |
| 68373P 10 0 | OPES ACQUISITION CORP | COM | |
| 68373P 11 8 | OPES ACQUISITION CORP | *W EXP 03/13/202 | |
| 68373P 20 9 | OPES ACQUISITION CORP | UNIT 03/07/2023 | |
| 683745 10 3 * | OPHTHOTECH CORP | COM | DELETED |
| 683745 90 3 | OPHTHOTECH CORP | CALL | DELETED |
| 683745 95 3 | OPHTHOTECH CORP | PUT | DELETED |
| 68375N AB 9 | OPKO HEALTH INC | DEBT 3.000% 2/0 | |
| 68375N AD 5 | OPKO HEALTH INC | NOTE 4.500% 2/1 | |
| 68375N 10 3 * | OPKO HEALTH INC | COM | |
| 68375N 90 3 | OPKO HEALTH INC | CALL | |
| 68375N 95 3 | OPKO HEALTH INC | PUT | |
| 683750 10 3 | OPIANT PHARMACEUTICALS INC | COM | |
| 683797 10 4 * | OPPENHEIMER HLDGS INC | CL A NON VTG | |
| 683797 90 4 | OPPENHEIMER HLDGS INC | CALL | |
| 683797 95 4 | OPPENHEIMER HLDGS INC | PUT | |
| 683827 20 8 | OPTICAL CABLE CORP | COM NEW | |
| 68386C 10 4 * | OPPENHEIMER ETF TR | S&P 500 REVENUE | DELETED |
| 68386C 90 4 | OPPENHEIMER ETF TR | CALL | DELETED |
| 68386C 95 4 | OPPENHEIMER ETF TR | PUT | DELETED |

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| 68386C 11 2 | OPPENHEIMER ETF TR | RUSL 2000 DYNM | DELETED |
| 68386C 20 3 * | OPPENHEIMER ETF TR | S&P MDCP 400 REV | DELETED |
| 68386C 90 3 | OPPENHEIMER ETF TR | CALL | DELETED |
| 68386C 95 3 | OPPENHEIMER ETF TR | PUT | DELETED |
| 68386C 30 2 * | OPPENHEIMER ETF TR | S&P SMALLCAP 600 | DELETED |
| 68386C 90 2 | OPPENHEIMER ETF TR | CALL | DELETED |
| 68386C 95 2 | OPPENHEIMER ETF TR | PUT | DELETED |
| 68386C 40 1 | OPPENHEIMER ETF TR | S&P ULTRA DIVIDE | DELETED |
| 68386C 65 8 | OPPENHEIMER ETF TR | RUSL 1000 VALU | DELETED |
| 68386C 66 6 | OPPENHEIMER ETF TR | RUSL 1000 LOW | DELETED |
| 68386C 67 4 | OPPENHEIMER ETF TR | RUSL 1000 QTLY | DELETED |
| 68386C 68 2 | OPPENHEIMER ETF TR | RUSL 1000 MOMT | DELETED |
| 68386C 69 0 | OPPENHEIMER ETF TR | RUSL 1000 SIZE | DELETED |
| 68386C 71 6 | OPPENHEIMER ETF TR | RUSL 1000 YIEL | DELETED |
| 68386C 72 4 | OPPENHEIMER ETF TR | RUSL 1000 DYNM | DELETED |
| 68386C 73 2 | OPPENHEIMER ETF TR | INTL ULTRA DIV | DELETED |
| 68386C 74 0 | OPPENHEIMER ETF TR | EMERGING MKTS | DELETED |
| 68386C 75 7 | OPPENHEIMER ETF TR | INTERNATNL REV | DELETED |
| 68386C 76 5 | OPPENHEIMER ETF TR | GLOBAL REV | DELETED |
| 68386C 77 3 | OPPENHEIMER ETF TR | ESG REV ETF | DELETED |
| 68386C 78 1 | OPPENHEIMER ETF TR | GLOBAL ESG ETF | DELETED |
| 68386C 80 7 | OPPENHEIMER ETF TR | S&P FINCIAL REVE | DELETED |
| 68386C 86 4 | OPPENHEIMER ETF TR | EMERGING MKT | DELETED |
| 68389X 10 5 * | ORACLE CORP | COM | |
| 68389X 90 5 | ORACLE CORP | CALL | |
| 68389X 95 5 | ORACLE CORP | PUT | |
| 684000 10 2 * | OPUS BK IRVINE CALIF | COM | |
| 684000 90 2 | OPUS BK IRVINE CALIF | CALL | |
| 684000 95 2 | OPUS BK IRVINE CALIF | PUT | |
| 68401P 40 3 | OPTIMUMBANK HOLDINGS INC | COM | |
| 68401U 20 4 * | OPTIMIZERX CORP | COM NEW | |
| 68401U 90 4 | OPTIMIZERX CORP | CALL | |
| 68401U 95 4 | OPTIMIZERX CORP | PUT | |
| 684023 30 2 | ORAGENICS INC | COM PAR | |

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| 68403P 20 3 * | ORAMED PHARM INC | COM NEW | |
| 68403P 90 3 | ORAMED PHARM INC | CALL | |
| 68403P 95 3 | ORAMED PHARM INC | PUT | |
| 68404V 10 0 | OPTINOSE INC | COM | |
| 684060 10 6 * | ORANGE | SPONSORED ADR | |
| 684060 90 6 | ORANGE | CALL | |
| 684060 95 6 | ORANGE | PUT | |
| 68554V 10 8 * | ORASURE TECHNOLOGIES INC | COM | |
| 68554V 90 8 | ORASURE TECHNOLOGIES INC | CALL | |
| 68554V 95 8 | ORASURE TECHNOLOGIES INC | PUT | |
| 68555P 10 0 * | ORBCOMM INC | COM | |
| 68555P 90 0 | ORBCOMM INC | CALL | |
| 68555P 95 0 | ORBCOMM INC | PUT | |
| 68570P 10 1 | ORCHARD THERAPEUTICS PLC | ADS | |
| 68571X 10 3 * | ORCHID IS CAP INC | COM | |
| 68571X 90 3 | ORCHID IS CAP INC | CALL | |
| 68571X 95 3 | ORCHID IS CAP INC | PUT | |
| 68572N 10 4 * | ORCHIDS PAPER PRODS CO DEL | COM | DELETED |
| 68572N 90 4 | ORCHIDS PAPER PRODS CO DEL | CALL | DELETED |
| 68572N 95 4 | ORCHIDS PAPER PRODS CO DEL | PUT | DELETED |
| 68619K 20 4 | ORGENESIS INC | COM NEW | |
| 68620A 10 4 * | ORGANOVO HLDGS INC | COM | |
| 68620A 90 4 | ORGANOVO HLDGS INC | CALL | |
| 68620A 95 4 | ORGANOVO HLDGS INC | PUT | |
| 68620P 10 1 * | ORGANIGRAM HLDGS INC | COM | ADDED |
| 68620P 90 1 | ORGANIGRAM HLDGS INC | CALL | ADDED |
| 68620P 95 1 | ORGANIGRAM HLDGS INC | PUT | ADDED |
| 68621F 10 2 | ORGANOGENESIS HLDGS INC | COM | |
| 68621T 10 2 | ORIGIN BANCORP INC | COM | |
| 686275 10 8 * | ORION ENERGY SYSTEMS INC | COM | |
| 686275 90 8 | ORION ENERGY SYSTEMS INC | CALL | |
| 686275 95 8 | ORION ENERGY SYSTEMS INC | PUT | |
| 68628V 30 8 * | ORION GROUP HOLDINGS INC | COM | |
| 68628V 90 8 | ORION GROUP HOLDINGS INC | CALL | |

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| 68628V 95 8 | ORION GROUP HOLDINGS INC | PUT | |
| 68633D 10 3 * | ORITANI FINL CORP DEL | COM | |
| 68633D 90 3 | ORITANI FINL CORP DEL | CALL | |
| 68633D 95 3 | ORITANI FINL CORP DEL | PUT | |
| 686330 10 1 | ORIX CORP | SPONSORED ADR | |
| 686688 10 2 * | ORMAT TECHNOLOGIES INC | COM | |
| 686688 90 2 | ORMAT TECHNOLOGIES INC | CALL | |
| 686688 95 2 | ORMAT TECHNOLOGIES INC | PUT | |
| 687380 10 5 | ORRSTOWN FINL SVCS INC | COM | |
| 68752L 10 0 * | ORTHOPEDIATRICS CORP | COM | |
| 68752L 90 0 | ORTHOPEDIATRICS CORP | CALL | |
| 68752L 95 0 | ORTHOPEDIATRICS CORP | PUT | |
| 68752M 10 8 * | ORTHOFIX MED INC | COM | |
| 68752M 90 8 | ORTHOFIX MED INC | CALL | |
| 68752M 95 8 | ORTHOFIX MED INC | PUT | |
| 688239 20 1 * | OSHKOSH CORP | COM | |
| 688239 90 1 | OSHKOSH CORP | CALL | |
| 688239 95 1 | OSHKOSH CORP | PUT | |
| 68827L 10 1 * | OSISKO GOLD ROYALTIES LTD | COM | |
| 68827L 90 1 | OSISKO GOLD ROYALTIES LTD | CALL | |
| 68827L 95 1 | OSISKO GOLD ROYALTIES LTD | PUT | |
| 68827R 10 8 * | OSIRIS THERAPEUTICS INC NEW | COM | DELETED |
| 68827R 90 8 | OSIRIS THERAPEUTICS INC NEW | CALL | DELETED |
| 68827R 95 8 | OSIRIS THERAPEUTICS INC NEW | PUT | DELETED |
| 688410 20 8 | OSSEN INNOVATION CO LTD | SPONSORED ADR NE | |
| 688823 30 1 * | OTELCO INC | CL A NEW | |
| 688823 90 1 | OTELCO INC | CALL | |
| 688823 95 1 | OTELCO INC | PUT | |
| 68906L 10 5 * | OTONOMY INC | COM | |
| 68906L 90 5 | OTONOMY INC | CALL | |
| 68906L 95 5 | OTONOMY INC | PUT | |
| 689195 10 5 | OTTAWA BANCORP INC | COM | |
| 689648 10 3 * | OTTER TAIL CORP | COM | |
| 689648 90 3 | OTTER TAIL CORP | CALL | |

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| 689648 95 3 | OTTER TAIL CORP | PUT | |
| 69007J 10 6 * | OUTFRONT MEDIA INC | COM | |
| 69007J 90 6 | OUTFRONT MEDIA INC | CALL | |
| 69007J 95 6 | OUTFRONT MEDIA INC | PUT | |
| 69012T 11 5 | OUTLOOK THERAPEUTICS INC | *W EXP 02/18/202 | |
| 69012T 20 6 | OUTLOOK THERAPEUTICS INC | COM NEW | |
| 69036R 86 3 * | OVERSEAS SHIPHOLDING GROUP I | CL A NEW | |
| 69036R 90 3 | OVERSEAS SHIPHOLDING GROUP I | CALL | |
| 69036R 95 3 | OVERSEAS SHIPHOLDING GROUP I | PUT | |
| 690370 10 1 * | OVERSTOCK COM INC DEL | COM | |
| 690370 90 1 | OVERSTOCK COM INC DEL | CALL | |
| 690370 95 1 | OVERSTOCK COM INC DEL | PUT | |
| 690469 10 1 | OVID THERAPEUTICS INC | COM | |
| 690732 10 2 * | OWENS & MINOR INC NEW | COM | |
| 690732 90 2 | OWENS & MINOR INC NEW | CALL | |
| 690732 95 2 | OWENS & MINOR INC NEW | PUT | |
| 690742 10 1 * | OWENS CORNING NEW | COM | |
| 690742 90 1 | OWENS CORNING NEW | CALL | |
| 690742 95 1 | OWENS CORNING NEW | PUT | |
| 690768 40 3 * | OWENS ILL INC | COM NEW | |
| 690768 90 3 | OWENS ILL INC | CALL | |
| 690768 95 3 | OWENS ILL INC | PUT | |
| 691497 30 9 * | OXFORD INDS INC | COM | |
| 691497 90 9 | OXFORD INDS INC | CALL | |
| 691497 95 9 | OXFORD INDS INC | PUT | |
| 691543 10 2 | OXFORD LANE CAP CORP | COM | |
| 69181V 10 7 * | OXFORD SQUARE CAP CORP | COM | |
| 69181V 90 7 | OXFORD SQUARE CAP CORP | CALL | |
| 69181V 95 7 | OXFORD SQUARE CAP CORP | PUT | |
| 692830 50 8 | P & F INDS INC | CL A NEW | |
| 69290R 10 4 | PDVWIRELESS INC | COM | |
| 69290X 10 1 | PDL CMNTY BANCORP | COM | |
| 693149 10 6 | P A M TRANSN SVCS INC | COM | |
| 69318G 10 6 * | PBF ENERGY INC | CL A | |

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| 69318G 90 6 | PBF ENERGY INC | CALL | |
| 69318G 95 6 | PBF ENERGY INC | PUT | |
| 69318J 10 0 * | PC CONNECTION INC | COM | |
| 69318J 90 0 | PC CONNECTION INC | CALL | |
| 69318J 95 0 | PC CONNECTION INC | PUT | |
| 69318Q 10 4 * | PBF LOGISTICS LP | UNIT LTD PTNR | |
| 69318Q 90 4 | PBF LOGISTICS LP | CALL | |
| 69318Q 95 4 | PBF LOGISTICS LP | PUT | |
| 69323K 10 0 * | PCM INC | COM | |
| 69323K 90 0 | PCM INC | CALL | |
| 69323K 95 0 | PCM INC | PUT | |
| 69323T 10 1 | PCM FUND INC | COM | |
| 69324R 10 4 * | PCSB FINL CORP | COM | |
| 69324R 90 4 | PCSB FINL CORP | CALL | |
| 69324R 95 4 | PCSB FINL CORP | PUT | |
| 69325Q 10 5 * | PC-TEL INC | COM | |
| 69325Q 90 5 | PC-TEL INC | CALL | |
| 69325Q 95 5 | PC-TEL INC | PUT | |
| 69327R AD 3 | PDC ENERGY INC | NOTE 1.125% 9/1 | |
| 69327R 10 1 * | PDC ENERGY INC | COM | |
| 69327R 90 1 | PDC ENERGY INC | CALL | |
| 69327R 95 1 | PDC ENERGY INC | PUT | |
| 693282 10 5 * | PDF SOLUTIONS INC | COM | |
| 693282 90 5 | PDF SOLUTIONS INC | CALL | |
| 693282 95 5 | PDF SOLUTIONS INC | PUT | |
| 69329Y AG 9 | PDL BIOPHARMA INC | NOTE 2.750%12/0 | |
| 69329Y 10 4 * | PDL BIOPHARMA INC | COM | |
| 69329Y 90 4 | PDL BIOPHARMA INC | CALL | |
| 69329Y 95 4 | PDL BIOPHARMA INC | PUT | |
| 69331C 10 8 * | PG&E CORP | COM | |
| 69331C 90 8 | PG&E CORP | CALL | |
| 69331C 95 8 | PG&E CORP | PUT | |
| 69336V 10 1 * | PGT INNOVATIONS INC | COM | |
| 69336V 90 1 | PGT INNOVATIONS INC | CALL | |

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| 69336V 95 1 | PGT INNOVATIONS INC | PUT | |
| 693366 20 5 * | PICO HLDGS INC | COM NEW | |
| 693366 90 5 | PICO HLDGS INC | CALL | |
| 693366 95 5 | PICO HLDGS INC | PUT | |
| 69343T 10 7 * | PJT PARTNERS INC | COM CL A | |
| 69343T 90 7 | PJT PARTNERS INC | CALL | |
| 69343T 95 7 | PJT PARTNERS INC | PUT | |
| 69344A 10 7 | PGIM ETF TR | ULTRA SHORT | |
| 69344A 20 6 | PGIM ETF TR | ACTV HY BD ETF | |
| 69344A 30 5 | PGIM ETF TR | QMA STRGC ALPH | |
| 69344A 40 4 | PGIM ETF TR | QMA STRATEGIC | |
| 69344A 50 3 | PGIM ETF TR | QMA STRGC GWTH | |
| 69344A 60 2 | PGIM ETF TR | QMA STRGIC VAL | |
| 69344D 40 8 * | PLDT INC | SPONSORED ADR | |
| 69344D 90 8 | PLDT INC | CALL | |
| 69344D 95 8 | PLDT INC | PUT | |
| 69346H 10 0 | PGIM HIGH YIELD BOND FUND IN | COM | |
| 69346J 10 6 | PGIM GLOBAL HIGH YIELD FD IN | COM | |
| 69346N 10 7 | PIMCO ENRGY TACTICAL CR OPP | COM SHS BEN INT | |
| 693475 10 5 * | PNC FINL SVCS GROUP INC | COM | |
| 693475 90 5 | PNC FINL SVCS GROUP INC | CALL | |
| 693475 95 5 | PNC FINL SVCS GROUP INC | PUT | |
| 693483 10 9 * | POSCO | SPONSORED ADR | |
| 693483 90 9 | POSCO | CALL | |
| 693483 95 9 | POSCO | PUT | |
| 69349H 10 7 * | PNM RES INC | COM | |
| 69349H 90 7 | PNM RES INC | CALL | |
| 69349H 95 7 | PNM RES INC | PUT | |
| 693506 10 7 * | PPG INDS INC | COM | |
| 693506 90 7 | PPG INDS INC | CALL | |
| 693506 95 7 | PPG INDS INC | PUT | |
| 69351T 10 6 * | PPL CORP | COM | |
| 69351T 90 6 | PPL CORP | CALL | |
| 69351T 95 6 | PPL CORP | PUT | |

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| 69354M 10 8 * | PRA HEALTH SCIENCES INC | COM | |
| 69354M 90 8 | PRA HEALTH SCIENCES INC | CALL | |
| 69354M 95 8 | PRA HEALTH SCIENCES INC | PUT | |
| 69354N AB 2 | PRA GROUP INC | NOTE 3.500% 6/0 | |
| 69354N 10 6 * | PRA GROUP INC | COM | |
| 69354N 90 6 | PRA GROUP INC | CALL | |
| 69354N 95 6 | PRA GROUP INC | PUT | |
| 69354V 10 8 * | PPDAI GROUP INC | SPONSORED ADR | |
| 69354V 90 8 | PPDAI GROUP INC | CALL | |
| 69354V 95 8 | PPDAI GROUP INC | PUT | |
| 69357C 50 3 * | PRGX GLOBAL INC | COM NEW | |
| 69357C 90 3 | PRGX GLOBAL INC | CALL | |
| 69357C 95 3 | PRGX GLOBAL INC | PUT | |
| 69360J 10 7 * | PS BUSINESS PKS INC CALIF | COM | |
| 69360J 90 7 | PS BUSINESS PKS INC CALIF | CALL | |
| 69360J 95 7 | PS BUSINESS PKS INC CALIF | PUT | |
| 693656 10 0 * | PVH CORP | COM | |
| 693656 90 0 | PVH CORP | CALL | |
| 693656 95 0 | PVH CORP | PUT | |
| 69366J AB 7 | PTC THERAPEUTICS INC | NOTE 3.000% 8/1 | |
| 69366J 20 0 * | PTC THERAPEUTICS INC | COM | |
| 69366J 90 0 | PTC THERAPEUTICS INC | CALL | |
| 69366J 95 0 | PTC THERAPEUTICS INC | PUT | |
| 69370C 10 0 * | PTC INC | COM | |
| 69370C 90 0 | PTC INC | CALL | |
| 69370C 95 0 | PTC INC | PUT | |
| 693718 10 8 * | PACCAR INC | COM | |
| 693718 90 8 | PACCAR INC | CALL | |
| 693718 95 8 | PACCAR INC | PUT | |
| 69373Y 10 9 | PUYI INC | ADS | |
| 69374H 10 5 * | PACER FDS TR | TRENDP US LAR CP | |
| 69374H 90 5 | PACER FDS TR | CALL | |
| 69374H 95 5 | PACER FDS TR | PUT | |
| 69374H 20 4 | PACER FDS TR | TRENDP US MID CP | |

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| 69374H 30 3 | PACER FDS TR | TRENDP 100 ETF | |
| 69374H 40 2 | PACER FDS TR | US EXPORT LEAD | |
| 69374H 65 9 | PACER FDS TR | CASH COWS ETF | ADDED |
| 69374H 66 7 | PACER FDS TR | US CHS CWS GWT | ADDED |
| 69374H 67 5 | PACER FDS TR | TRENDPILOT FD | ADDED |
| 69374H 68 3 | PACER FDS TR | TRENDPILOT INTL | ADDED |
| 69374H 69 1 | PACER FDS TR | CFRA STVAL EQL | |
| 69374H 70 9 | PACER FDS TR | GLOBL CASH ETF | |
| 69374H 74 1 | PACER FDS TR | BNCHMRK INFRA | |
| 69374H 76 6 | PACER FDS TR | BNCHMRK INDSTR | |
| 69374H 78 2 | PACER FDS TR | BNCHMRK RS ETF | |
| 69374H 80 8 | PACER FDS TR | TRENDPILOT EUR | |
| 69374H 83 2 | PACER FDS TR | MILTRY TIMS ETF | |
| 69374H 84 0 | PACER FDS TR | WEALTHSHIELD | |
| 69374H 85 7 | PACER FDS TR | PACER US SMALL | |
| 69374H 86 5 | PACER FDS TR | EMRG MKT CASH | ADDED |
| 69374H 87 3 | PACER FDS TR | DEVELOPED MRKT | |
| 69374H 88 1 | PACER FDS TR | US CASH COWS 100 | |
| 69404D 10 8 * | PACIFIC BIOSCIENCES CALIF IN | COM | |
| 69404D 90 8 | PACIFIC BIOSCIENCES CALIF IN | CALL | |
| 69404D 95 8 | PACIFIC BIOSCIENCES CALIF IN | PUT | |
| 69406T 40 8 | PACIFIC CITY FINANCIAL CORP | COM NEW | |
| 694103 10 2 * | PACIFIC COAST OIL TR | UNIT BEN INT | |
| 694103 90 2 | PACIFIC COAST OIL TR | CALL | |
| 694103 95 2 | PACIFIC COAST OIL TR | PUT | |
| 69423U 30 5 * | PACIFIC ETHANOL INC | COM PAR \$.001 | |
| 69423U 90 5 | PACIFIC ETHANOL INC | CALL | |
| 69423U 95 5 | PACIFIC ETHANOL INC | PUT | |
| 69434K 10 6 | PACIFIC GLOBAL ETF TR | US EQ INM ETF | |
| 694552 10 0 | PACIFIC MERCANTILE BANCORP | COM | |
| 69478X 10 5 * | PACIFIC PREMIER BANCORP | COM | |
| 69478X 90 5 | PACIFIC PREMIER BANCORP | CALL | |
| 69478X 95 5 | PACIFIC PREMIER BANCORP | PUT | |
| 695127 AD 2 | PACIRA BIOSCIENCES | NOTE 2.375% 4/0 | |

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| 695127 10 0 * | PACIRA BIOSCIENCES | COM | |
| 695127 90 0 | PACIRA BIOSCIENCES | CALL | |
| 695127 95 0 | PACIRA BIOSCIENCES | PUT | |
| 695156 10 9 * | PACKAGING CORP AMER | COM | |
| 695156 90 9 | PACKAGING CORP AMER | CALL | |
| 695156 95 9 | PACKAGING CORP AMER | PUT | |
| 695263 10 3 * | PACWEST BANCORP DEL | COM | |
| 695263 90 3 | PACWEST BANCORP DEL | CALL | |
| 695263 95 3 | PACWEST BANCORP DEL | PUT | |
| 69553P 10 0 * | PAGERDUTY INC | COM | ADDED |
| 69553P 90 0 | PAGERDUTY INC | CALL | ADDED |
| 69553P 95 0 | PAGERDUTY INC | PUT | ADDED |
| 696077 40 3 | PALATIN TECHNOLOGIES INC | COM PAR \$.01 | |
| 697435 10 5 * | PALO ALTO NETWORKS INC | COM | |
| 697435 90 5 | PALO ALTO NETWORKS INC | CALL | |
| 697435 95 5 | PALO ALTO NETWORKS INC | PUT | |
| 69753M 10 5 | PALOMAR HLDGS INC | COM | ADDED |
| 697660 20 7 * | PAMPA ENERGIA S A | SPONS ADR LVL I | |
| 697660 90 7 | PAMPA ENERGIA S A | CALL | |
| 697660 95 7 | PAMPA ENERGIA S A | PUT | |
| 697900 10 8 * | PAN AMERICAN SILVER CORP | COM | |
| 697900 90 8 | PAN AMERICAN SILVER CORP | CALL | |
| 697900 95 8 | PAN AMERICAN SILVER CORP | PUT | |
| 698354 AB 3 | PANDORA MEDIA INC | NOTE 1.750%12/0 | |
| 698477 10 6 * | PANHANDLE OIL AND GAS INC | CL A | |
| 698477 90 6 | PANHANDLE OIL AND GAS INC | CALL | |
| 698477 95 6 | PANHANDLE OIL AND GAS INC | PUT | |
| 698813 10 2 * | PAPA JOHNS INTL INC | COM | |
| 698813 90 2 | PAPA JOHNS INTL INC | CALL | |
| 698813 95 2 | PAPA JOHNS INTL INC | PUT | |
| 698814 10 0 * | PAPA MURPHYS HLDGS INC | COM | DELETED |
| 698814 90 0 | PAPA MURPHYS HLDGS INC | CALL | DELETED |
| 698814 95 0 | PAPA MURPHYS HLDGS INC | PUT | DELETED |
| 69888T 20 7 * | PAR PACIFIC HOLDINGS INC | COM NEW | |

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| 69888T 90 7 | PAR PACIFIC HOLDINGS INC | CALL | |
| 69888T 95 7 | PAR PACIFIC HOLDINGS INC | PUT | |
| 698884 10 3 * | PAR TECHNOLOGY CORP | COM | |
| 698884 90 3 | PAR TECHNOLOGY CORP | CALL | |
| 698884 95 3 | PAR TECHNOLOGY CORP | PUT | |
| 69924M 10 9 | PARAMOUNT GOLD NEV CORP | COM | |
| 69924R 10 8 * | PARAMOUNT GROUP INC | COM | |
| 69924R 90 8 | PARAMOUNT GROUP INC | CALL | |
| 69924R 95 8 | PARAMOUNT GROUP INC | PUT | |
| 699374 AB 0 | PARATEK PHARMACEUTICALS INC | NOTE 4.750% 5/0 | ADDED |
| 699374 30 2 * | PARATEK PHARMACEUTICALS INC | COM | |
| 699374 90 2 | PARATEK PHARMACEUTICALS INC | CALL | |
| 699374 95 2 | PARATEK PHARMACEUTICALS INC | PUT | |
| 69946T 20 7 * | PARETEUM CORP | COM NEW | |
| 69946T 90 7 | PARETEUM CORP | CALL | |
| 69946T 95 7 | PARETEUM CORP | PUT | |
| 69949M 10 0 | PARINGA RESOURCES LIMITED | SPONSORED ADS | |
| 700215 30 4 * | PARK CITY GROUP INC | COM NEW | |
| 700215 90 4 | PARK CITY GROUP INC | CALL | |
| 700215 95 4 | PARK CITY GROUP INC | PUT | |
| 700416 20 9 * | PARK ELECTROCHEMICAL CORP | COM | |
| 700416 90 9 | PARK ELECTROCHEMICAL CORP | CALL | |
| 700416 95 9 | PARK ELECTROCHEMICAL CORP | PUT | |
| 700517 10 5 * | PARK HOTELS RESORTS INC | COM | |
| 700517 90 5 | PARK HOTELS RESORTS INC | CALL | |
| 700517 95 5 | PARK HOTELS RESORTS INC | PUT | |
| 700658 10 7 * | PARK NATL CORP | COM | |
| 700658 90 7 | PARK NATL CORP | CALL | |
| 700658 95 7 | PARK NATL CORP | PUT | |
| 700666 10 0 * | PARK OHIO HLDGS CORP | COM | |
| 700666 90 0 | PARK OHIO HLDGS CORP | CALL | |
| 700666 95 0 | PARK OHIO HLDGS CORP | PUT | |
| 700885 10 6 | PARKE BANCORP INC | COM | |
| 701081 50 7 * | PARKER DRILLING CO | COM | ADDED |

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| 701081 90 7 | PARKER DRILLING CO | CALL | ADDED |
| 701081 95 7 | PARKER DRILLING CO | PUT | ADDED |
| 701094 10 4 * | PARKER HANNIFIN CORP | COM | |
| 701094 90 4 | PARKER HANNIFIN CORP | CALL | |
| 701094 95 4 | PARKER HANNIFIN CORP | PUT | |
| 701877 10 2 * | PARSLEY ENERGY INC | CL A | |
| 701877 90 2 | PARSLEY ENERGY INC | CALL | |
| 701877 95 2 | PARSLEY ENERGY INC | PUT | |
| 70202L 10 2 * | PARSONS CORPORATION | COM | ADDED |
| 70202L 90 2 | PARSONS CORPORATION | CALL | ADDED |
| 70202L 95 2 | PARSONS CORPORATION | PUT | ADDED |
| 70211M 10 9 * | PARTNER COMMUNICATIONS CO LT | ADR | |
| 70211M 90 9 | PARTNER COMMUNICATIONS CO LT | CALL | |
| 70211M 95 9 | PARTNER COMMUNICATIONS CO LT | PUT | |
| 702149 10 5 * | PARTY CITY HOLDCO INC | COM | |
| 702149 90 5 | PARTY CITY HOLDCO INC | CALL | |
| 702149 95 5 | PARTY CITY HOLDCO INC | PUT | |
| 70319R 10 9 | PATHFINDER BANCORP INC MD | COM | |
| 703343 AB 9 | PATRICK INDS INC | DCV 1.000% 2/0 | |
| 703343 10 3 * | PATRICK INDS INC | COM | |
| 703343 90 3 | PATRICK INDS INC | CALL | |
| 703343 95 3 | PATRICK INDS INC | PUT | |
| 70336F 20 3 | PATRIOT NATL BANCORP INC | COM NEW | |
| 70338P AB 6 | PATTERN ENERGY GROUP INC | NOTE 4.000% 7/1 | |
| 70338P 10 0 * | PATTERN ENERGY GROUP INC | CL A | |
| 70338P 90 0 | PATTERN ENERGY GROUP INC | CALL | |
| 70338P 95 0 | PATTERN ENERGY GROUP INC | PUT | |
| 70338W 10 5 | PATRIOT TRANSN HLDG INC | COM | |
| 703395 10 3 * | PATTERSON COMPANIES INC | COM | |
| 703395 90 3 | PATTERSON COMPANIES INC | CALL | |
| 703395 95 3 | PATTERSON COMPANIES INC | PUT | |
| 703481 10 1 * | PATTERSON UTI ENERGY INC | COM | |
| 703481 90 1 | PATTERSON UTI ENERGY INC | CALL | |
| 703481 95 1 | PATTERSON UTI ENERGY INC | PUT | |

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| 70387R 10 6 | PAVMED INC | COM | |
| 70387R 11 4 | PAVMED INC | *W EXP 01/29/202 | |
| 70387R 12 2 | PAVMED INC | *W EXP 04/30/202 | |
| 70432V 10 2 * | PAYCOM SOFTWARE INC | COM | |
| 70432V 90 2 | PAYCOM SOFTWARE INC | CALL | |
| 70432V 95 2 | PAYCOM SOFTWARE INC | PUT | |
| 704326 10 7 * | PAYCHEX INC | COM | |
| 704326 90 7 | PAYCHEX INC | CALL | |
| 704326 95 7 | PAYCHEX INC | PUT | |
| 70438S 20 2 | PAYMENT DATA SYS INC | COM NEW | |
| 70438V 10 6 * | PAYLOCITY HLDG CORP | COM | |
| 70438V 90 6 | PAYLOCITY HLDG CORP | CALL | |
| 70438V 95 6 | PAYLOCITY HLDG CORP | PUT | |
| 70450Y 10 3 * | PAYPAL HLDGS INC | COM | |
| 70450Y 90 3 | PAYPAL HLDGS INC | CALL | |
| 70450Y 95 3 | PAYPAL HLDGS INC | PUT | |
| 70451A 10 4 * | PAYSIGN INC | COM | ADDED |
| 70451A 90 4 | PAYSIGN INC | CALL | ADDED |
| 70451A 95 4 | PAYSIGN INC | PUT | ADDED |
| 70454T 10 0 | PB BANCORP INC | COM | |
| 704551 10 0 * | PEABODY ENERGY CORP NEW | COM | |
| 704551 90 0 | PEABODY ENERGY CORP NEW | CALL | |
| 704551 95 0 | PEABODY ENERGY CORP NEW | PUT | |
| 70465T 10 7 * | PDS BIOTECHNOLOGY CORP | COM | |
| 70465T 90 7 | PDS BIOTECHNOLOGY CORP | CALL | |
| 70465T 95 7 | PDS BIOTECHNOLOGY CORP | PUT | |
| 70469L 10 0 * | PEAK RESORTS INC | COM | |
| 70469L 90 0 | PEAK RESORTS INC | CALL | |
| 70469L 95 0 | PEAK RESORTS INC | PUT | |
| 704699 10 7 * | PEAPACK-GLADSTONE FINL CORP | COM | |
| 704699 90 7 | PEAPACK-GLADSTONE FINL CORP | CALL | |
| 704699 95 7 | PEAPACK-GLADSTONE FINL CORP | PUT | |
| 705015 10 5 * | PEARSON PLC | SPONSORED ADR | |
| 705015 90 5 | PEARSON PLC | CALL | |

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| 705015 95 5 | PEARSON PLC | PUT | |
| 70509V 10 0 * | PEBBLEBROOK HOTEL TR | COM | |
| 70509V 90 0 | PEBBLEBROOK HOTEL TR | CALL | |
| 70509V 95 0 | PEBBLEBROOK HOTEL TR | PUT | |
| 705163 10 3 | PECK CO INC | COM | ADDED |
| 705163 11 1 | PECK CO INC | *W EXP 03/01/202 | ADDED |
| 70532Y 30 3 | PEDEVCO CORP | COM PAR | |
| 705573 10 3 * | PEGASYSTEMS INC | COM | |
| 705573 90 3 | PEGASYSTEMS INC | CALL | |
| 705573 95 3 | PEGASYSTEMS INC | PUT | |
| 706327 10 3 * | PEMBINA PIPELINE CORP | COM | |
| 706327 90 3 | PEMBINA PIPELINE CORP | CALL | |
| 706327 95 3 | PEMBINA PIPELINE CORP | PUT | |
| 707569 10 9 * | PENN NATL GAMING INC | COM | |
| 707569 90 9 | PENN NATL GAMING INC | CALL | |
| 707569 95 9 | PENN NATL GAMING INC | PUT | |
| 70788V 10 2 * | PENN VA CORP NEW | COM | |
| 70788V 90 2 | PENN VA CORP NEW | CALL | |
| 70788V 95 2 | PENN VA CORP NEW | PUT | |
| 70806A 10 6 * | PENNANTPARK FLOATING RATE CA | COM | |
| 70806A 90 6 | PENNANTPARK FLOATING RATE CA | CALL | |
| 70806A 95 6 | PENNANTPARK FLOATING RATE CA | PUT | |
| 708062 10 4 * | PENNANTPARK INVT CORP | COM | |
| 708062 90 4 | PENNANTPARK INVT CORP | CALL | |
| 708062 95 4 | PENNANTPARK INVT CORP | PUT | |
| 708160 10 6 * | PENNEY J C CORP INC | COM | |
| 708160 90 6 | PENNEY J C CORP INC | CALL | |
| 708160 95 6 | PENNEY J C CORP INC | PUT | |
| 708430 10 3 | PENNS WOODS BANCORP INC | COM | |
| 709102 10 7 * | PENNSYLVANIA RL ESTATE INVT | SH BEN INT | |
| 709102 90 7 | PENNSYLVANIA RL ESTATE INVT | CALL | |
| 709102 95 7 | PENNSYLVANIA RL ESTATE INVT | PUT | |
| 70931T 10 3 * | PENNYMAC MTG INVT TR | COM | |
| 70931T 90 3 | PENNYMAC MTG INVT TR | CALL | |

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|-----------------|----------------------------|---------------------------|---------------|
| 70931T 95 3 | PENNYMAC MTG INVT TR | PUT | |
| 70932A AB 9 | PENNYMAC CORP | NOTE 5.375% 5/0 | |
| 70932M 10 7 * | PENNYMAC FINL SVCS INC | COM | |
| 70932M 90 7 | PENNYMAC FINL SVCS INC | CALL | |
| 70932M 95 7 | PENNYMAC FINL SVCS INC | PUT | |
| 70957E 10 5 | PENSARE ACQUISITION CORP | COM | |
| 70957E 11 3 | PENSARE ACQUISITION CORP | *W EXP 07/27/202 | |
| 70957E 12 1 | PENSARE ACQUISITION CORP | RIGHT 99/99/9999 | |
| 70957E 20 4 | PENSARE ACQUISITION CORP | UNIT 07/27/2022 | |
| 70959W 10 3 * | PENSKE AUTOMOTIVE GRP INC | COM | |
| 70959W 90 3 | PENSKE AUTOMOTIVE GRP INC | CALL | |
| 70959W 95 3 | PENSKE AUTOMOTIVE GRP INC | PUT | |
| 70975L 10 7 * | PENUMBRA INC | COM | |
| 70975L 90 7 | PENUMBRA INC | CALL | |
| 70975L 95 7 | PENUMBRA INC | PUT | |
| 709789 10 1 * | PEOPLES BANCORP INC | COM | |
| 709789 90 1 | PEOPLES BANCORP INC | CALL | |
| 709789 95 1 | PEOPLES BANCORP INC | PUT | |
| 710577 10 7 | PEOPLES BANCORP N C INC | COM | |
| 711040 10 5 | PEOPLES FINL SVCS CORP | COM | |
| 712704 10 5 * | PEOPLES UTD FINL INC | COM | |
| 712704 90 5 | PEOPLES UTD FINL INC | CALL | |
| 712704 95 5 | PEOPLES UTD FINL INC | PUT | |
| 712706 20 9 | PEOPLES UTAH BANCORP | COM | |
| 713360 10 5 | PEPPER FOOD SERVICE CO LTD | SPONSORED ADS | |
| 713448 10 8 * | PEPSICO INC | COM | |
| 713448 90 8 | PEPSICO INC | CALL | |
| 713448 95 8 | PEPSICO INC | PUT | |
| 71361F 10 0 * | PERCEPTRON INC | COM | |
| 71361F 90 0 | PERCEPTRON INC | CALL | |
| 71361F 95 0 | PERCEPTRON INC | PUT | |
| 71375U 10 1 * | PERFICIENT INC | COM | |
| 71375U 90 1 | PERFICIENT INC | CALL | |
| 71375U 95 1 | PERFICIENT INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 71377A 10 3 * | PERFORMANCE FOOD GROUP CO | COM | |
| 71377A 90 3 | PERFORMANCE FOOD GROUP CO | CALL | |
| 71377A 95 3 | PERFORMANCE FOOD GROUP CO | PUT | |
| 71377E 10 5 * | PERFORMANT FINL CORP | COM | |
| 71377E 90 5 | PERFORMANT FINL CORP | CALL | |
| 71377E 95 5 | PERFORMANT FINL CORP | PUT | |
| 714046 10 9 * | PERKINELMER INC | COM | |
| 714046 90 9 | PERKINELMER INC | CALL | |
| 714046 95 9 | PERKINELMER INC | PUT | |
| 714157 20 3 * | PERMA-FIX ENVIRONMENTAL SVCS | COM NEW | |
| 714157 90 3 | PERMA-FIX ENVIRONMENTAL SVCS | CALL | |
| 714157 95 3 | PERMA-FIX ENVIRONMENTAL SVCS | PUT | |
| 714167 10 3 | PERMA PIPE INTL HLDGS INC | COM | |
| 714236 10 6 * | PERMIAN BASIN RTY TR | UNIT BEN INT | |
| 714236 90 6 | PERMIAN BASIN RTY TR | CALL | |
| 714236 95 6 | PERMIAN BASIN RTY TR | PUT | |
| 71425H 10 0 * | PERMIANVILLE RTY TR | TR UNIT | |
| 71425H 90 0 | PERMIANVILLE RTY TR | CALL | |
| 71425H 95 0 | PERMIANVILLE RTY TR | PUT | |
| 714254 10 9 | PERMROCK ROYALTY TRUST | TR UNIT | |
| 715302 20 4 * | PERSHING GOLD CORP | COM NEW | DELETED |
| 715302 90 4 | PERSHING GOLD CORP | CALL | DELETED |
| 715302 95 4 | PERSHING GOLD CORP | PUT | DELETED |
| 715347 10 0 * | PERSPECTA INC | COM | |
| 715347 90 0 | PERSPECTA INC | CALL | |
| 715347 95 0 | PERSPECTA INC | PUT | |
| 71535D 10 6 | PERSONALIS INC | COM | ADDED |
| 715426 10 2 | PERTH MINT PHYSICAL GOLD ETF | UNIT | |
| 715684 10 6 * | P T TELEKOMUNIKASI INDONESIA | SPONSORED ADR | |
| 715684 90 6 | P T TELEKOMUNIKASI INDONESIA | CALL | |
| 715684 95 6 | P T TELEKOMUNIKASI INDONESIA | PUT | |
| 716382 10 6 * | PETMED EXPRESS INC | COM | |
| 716382 90 6 | PETMED EXPRESS INC | CALL | |
| 716382 95 6 | PETMED EXPRESS INC | PUT | |

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| 71639T 10 6 * | PETIQ INC | COM CL A | |
| 71639T 90 6 | PETIQ INC | CALL | |
| 71639T 95 6 | PETIQ INC | PUT | |
| 71646E 10 0 * | PETROCHINA CO LTD | SPONSORED ADR | |
| 71646E 90 0 | PETROCHINA CO LTD | CALL | |
| 71646E 95 0 | PETROCHINA CO LTD | PUT | |
| 71654V 10 1 * | PETROLEO BRASILEIRO SA PETRO | SP ADR NON VTG | |
| 71654V 90 1 | PETROLEO BRASILEIRO SA PETRO | CALL | |
| 71654V 95 1 | PETROLEO BRASILEIRO SA PETRO | PUT | |
| 71654V 40 8 * | PETROLEO BRASILEIRO SA PETRO | SPONSORED ADR | |
| 71654V 90 8 | PETROLEO BRASILEIRO SA PETRO | CALL | |
| 71654V 95 8 | PETROLEO BRASILEIRO SA PETRO | PUT | |
| 717071 10 4 * | PFENEX INC | COM | |
| 717071 90 4 | PFENEX INC | CALL | |
| 717071 95 4 | PFENEX INC | PUT | |
| 717081 10 3 * | PFIZER INC | COM | |
| 717081 90 3 | PFIZER INC | CALL | |
| 717081 95 3 | PFIZER INC | PUT | |
| 717098 20 6 * | PFSWEB INC | COM NEW | |
| 717098 90 6 | PFSWEB INC | CALL | |
| 717098 95 6 | PFSWEB INC | PUT | |
| 717224 10 9 | PHASEBIO PHARMACEUTICALS INC | COM | |
| 71742Q 10 6 * | PHIBRO ANIMAL HEALTH CORP | CL A COM | |
| 71742Q 90 6 | PHIBRO ANIMAL HEALTH CORP | CALL | |
| 71742Q 95 6 | PHIBRO ANIMAL HEALTH CORP | PUT | |
| 718172 10 9 * | PHILIP MORRIS INTL INC | COM | |
| 718172 90 9 | PHILIP MORRIS INTL INC | CALL | |
| 718172 95 9 | PHILIP MORRIS INTL INC | PUT | |
| 718546 10 4 * | PHILLIPS 66 | COM | |
| 718546 90 4 | PHILLIPS 66 | CALL | |
| 718546 95 4 | PHILLIPS 66 | PUT | |
| 718549 20 7 * | PHILLIPS 66 PARTNERS LP | COM UNIT REP INT | |
| 718549 90 7 | PHILLIPS 66 PARTNERS LP | CALL | |
| 718549 95 7 | PHILLIPS 66 PARTNERS LP | PUT | |

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| 71880W 10 5 | PHIO PHARMACEUTICALS CORP | *W EXP 12/21/202 | |
| 71880W 20 4 | PHIO PHARMACEUTICALS CORP | COM | |
| 71910C 10 3 * | PHOENIX NEW MEDIA LTD | SPONSORED ADS | |
| 71910C 90 3 | PHOENIX NEW MEDIA LTD | CALL | |
| 71910C 95 3 | PHOENIX NEW MEDIA LTD | PUT | |
| 719405 10 2 * | PHOTRONICS INC | COM | |
| 719405 90 2 | PHOTRONICS INC | CALL | |
| 719405 95 2 | PHOTRONICS INC | PUT | |
| 71943U 10 4 * | PHYSICIANS RLTY TR | COM | |
| 71943U 90 4 | PHYSICIANS RLTY TR | CALL | |
| 71943U 95 4 | PHYSICIANS RLTY TR | PUT | |
| 71948P 10 0 | PHUNWARE INC | COM | |
| 71948P 11 8 | PHUNWARE INC | *W EXP 12/26/202 | |
| 720162 10 6 | PIEDMONT LITHIUM LTD | SPONSORED ADS | |
| 720190 20 6 * | PIEDMONT OFFICE REALTY TR IN | COM CL A | |
| 720190 90 6 | PIEDMONT OFFICE REALTY TR IN | CALL | |
| 720190 95 6 | PIEDMONT OFFICE REALTY TR IN | PUT | |
| 720279 10 8 * | PIER 1 IMPORTS INC | COM | DELETED |
| 720279 90 8 | PIER 1 IMPORTS INC | CALL | DELETED |
| 720279 95 8 | PIER 1 IMPORTS INC | PUT | DELETED |
| 720279 50 4 * | PIER 1 IMPORTS INC | COM NEW | ADDED |
| 720279 90 4 | PIER 1 IMPORTS INC | CALL | ADDED |
| 720279 95 4 | PIER 1 IMPORTS INC | PUT | ADDED |
| 720795 10 3 * | PIERIS PHARMACEUTICALS INC | COM | |
| 720795 90 3 | PIERIS PHARMACEUTICALS INC | CALL | |
| 720795 95 3 | PIERIS PHARMACEUTICALS INC | PUT | |
| 72147K 10 8 * | PILGRIMS PRIDE CORP NEW | COM | |
| 72147K 90 8 | PILGRIMS PRIDE CORP NEW | CALL | |
| 72147K 95 8 | PILGRIMS PRIDE CORP NEW | PUT | |
| 72200M 10 8 | PIMCO CALIF MUN INCOME FD II | COM | |
| 72200N 10 6 | PIMCO CA MUNICIPAL INCOME FD | COM | |
| 72200R 10 7 | PIMCO MUNICIPAL INCOME FD | COM | |
| 72200T 10 3 | PIMCO NY MUNICIPAL INCOME FD | COM | |
| 72200U 10 0 | PIMCO CORPORATE INCOME STRAT | COM | |

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|-----------------|------------------------------|---------------------------|---------------|
| 72200W 10 6 | PIMCO MUN INCOME FD II | COM | |
| 72200X 10 4 | PIMCO STRATEGIC INCOME FD IN | COM | |
| 72200Y 10 2 | PIMCO NEW YORK MUN FD II | COM | |
| 72201A 10 3 | PIMCO MUN INCOME FD III | COM | |
| 72201B 10 1 | PIMCO CORPORATE & INCOME OPP | COM | |
| 72201C 10 9 | PIMCO CALIF MUN INCOME FD II | COM | |
| 72201E 10 5 | PIMCO NEW YORK MUN INCM FD 1 | COM | |
| 72201H 10 8 | PIMCO INCOME STRATEGY FUND | COM | |
| 72201J 10 4 | PIMCO INCOME STRATEGY FUND I | COM | |
| 72201R 10 6 * | PIMCO ETF TR | 1-3YR USTREIDX | |
| 72201R 90 6 | PIMCO ETF TR | CALL | |
| 72201R 95 6 | PIMCO ETF TR | PUT | |
| 72201R 20 5 | PIMCO ETF TR | 1-5 US TIP IDX | |
| 72201R 30 4 * | PIMCO ETF TR | 15+ YR US TIPS | |
| 72201R 90 4 | PIMCO ETF TR | CALL | |
| 72201R 95 4 | PIMCO ETF TR | PUT | |
| 72201R 40 3 | PIMCO ETF TR | BROAD US TIPS | |
| 72201R 71 8 | PIMCO ETF TR | ENHNCD LW DUR AC | |
| 72201R 77 5 * | PIMCO ETF TR | ACTIVE BD ETF | |
| 72201R 90 5 | PIMCO ETF TR | CALL | |
| 72201R 95 5 | PIMCO ETF TR | PUT | |
| 72201R 78 3 * | PIMCO ETF TR | 0-5 HIGH YIELD | |
| 72201R 90 3 | PIMCO ETF TR | CALL | |
| 72201R 95 3 | PIMCO ETF TR | PUT | |
| 72201R 81 7 | PIMCO ETF TR | INV GRD CRP BD | |
| 72201R 83 3 * | PIMCO ETF TR | ENHAN SHRT MA AC | |
| 72201R 90 3 | PIMCO ETF TR | CALL | |
| 72201R 95 3 | PIMCO ETF TR | PUT | |
| 72201R 86 6 * | PIMCO ETF TR | INTER MUN BD ACT | |
| 72201R 90 6 | PIMCO ETF TR | CALL | |
| 72201R 95 6 | PIMCO ETF TR | PUT | |
| 72201R 87 4 | PIMCO ETF TR | SHTRM MUN BD ACT | |
| 72201R 88 2 * | PIMCO ETF TR | 25YR+ ZERO U S | |
| 72201R 90 2 | PIMCO ETF TR | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 72201R 95 2 | PIMCO ETF TR | PUT | |
| 72201Y 10 1 | PIMCO DYNAMIC INCOME FD | SHS | |
| 722011 10 3 | PIMCO GLOBAL STOCKSPLS INCM | COM | |
| 722014 10 7 | PIMCO HIGH INCOME FD | COM SHS | |
| 72202B 10 0 | PIMCO INCOME OPPORTUNITY FD | COM | |
| 72202D 10 6 | PIMCO DYNMIC CREDIT AND MRT | COM SHS | |
| 72202L 36 3 | PIMCO EQUITY SER | RAFI DYN ML US | |
| 72202L 37 1 | PIMCO EQUITY SER | RAFI DYN MULTI | |
| 72202L 38 9 | PIMCO EQUITY SER | RAFI DYN EMERG | |
| 722304 10 2 * | PINDUODUO INC | SPONSORED ADS | |
| 722304 90 2 | PINDUODUO INC | CALL | |
| 722304 95 2 | PINDUODUO INC | PUT | |
| 72346Q 10 4 * | PINNACLE FINL PARTNERS INC | COM | |
| 72346Q 90 4 | PINNACLE FINL PARTNERS INC | CALL | |
| 72346Q 95 4 | PINNACLE FINL PARTNERS INC | PUT | |
| 723484 10 1 * | PINNACLE WEST CAP CORP | COM | |
| 723484 90 1 | PINNACLE WEST CAP CORP | CALL | |
| 723484 95 1 | PINNACLE WEST CAP CORP | PUT | |
| 72352G 10 7 | PINTEC TECHNOLOGY HLDGS LTD | SPONSORED ADS | |
| 72352L 10 6 * | PINTEREST INC | CL A | ADDED |
| 72352L 90 6 | PINTEREST INC | CALL | ADDED |
| 72352L 95 6 | PINTEREST INC | PUT | ADDED |
| 723653 10 1 | PIONEER DIV HIGH INCOME TRUS | COM | |
| 723664 10 8 * | PIONEER ENERGY SVCS CORP | COM | |
| 723664 90 8 | PIONEER ENERGY SVCS CORP | CALL | |
| 723664 95 8 | PIONEER ENERGY SVCS CORP | PUT | |
| 72369H 10 6 | PIONEER HIGH INCOME TR | COM | |
| 72369J 10 2 | PIONEER FLOATING RATE TR | COM | |
| 723762 10 0 | PIONEER MUN HIGH INCOME ADV | COM | |
| 723763 10 8 | PIONEER MUN HIGH INCOME TR | COM SHS | |
| 723787 10 7 * | PIONEER NAT RES CO | COM | |
| 723787 90 7 | PIONEER NAT RES CO | CALL | |
| 723787 95 7 | PIONEER NAT RES CO | PUT | |
| 723836 30 0 | PIONEER PWR SOLUTIONS INC | COM NEW | |

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|---------------|-----------------------------|--------------------|--------|
| 724078 10 0 * | PIPER JAFFRAY COS | COM | |
| 724078 90 0 | PIPER JAFFRAY COS | CALL | |
| 724078 95 0 | PIPER JAFFRAY COS | PUT | |
| 724479 10 0 * | PITNEY BOWES INC | COM | |
| 724479 90 0 | PITNEY BOWES INC | CALL | |
| 724479 95 0 | PITNEY BOWES INC | PUT | |
| 72581M 30 5 * | PIXELWORKS INC | COM NEW | |
| 72581M 90 5 | PIXELWORKS INC | CALL | |
| 72581M 95 5 | PIXELWORKS INC | PUT | |
| 72582H 10 7 * | PIVOTAL SOFTWARE INC | COM CL A | |
| 72582H 90 7 | PIVOTAL SOFTWARE INC | CALL | |
| 72582H 95 7 | PIVOTAL SOFTWARE INC | PUT | |
| 72583A 10 1 | PIVOTAL ACQUISITION CORP | CL A COM | |
| 72583A 11 9 | PIVOTAL ACQUISITION CORP | *W EXP 12/01/202 | |
| 72583A 20 0 | PIVOTAL ACQUISITION CORP | UNIT 12/01/2025 | |
| 726503 10 5 * | PLAINS ALL AMERN PIPELINE L | UNIT LTD PARTN | |
| 726503 90 5 | PLAINS ALL AMERN PIPELINE L | CALL | |
| 726503 95 5 | PLAINS ALL AMERN PIPELINE L | PUT | |
| 72651A 20 7 * | PLAINS GP HLDGS L P | LTD PARTNR INT A | |
| 72651A 90 7 | PLAINS GP HLDGS L P | CALL | |
| 72651A 95 7 | PLAINS GP HLDGS L P | PUT | |
| 72703H 10 1 * | PLANET FITNESS INC | CL A | |
| 72703H 90 1 | PLANET FITNESS INC | CALL | |
| 72703H 95 1 | PLANET FITNESS INC | PUT | |
| 72703U 10 2 | PLANET GREEN HLDGS CORP | COM | |
| 727493 10 8 * | PLANTRONICS INC NEW | COM | |
| 727493 90 8 | PLANTRONICS INC NEW | CALL | |
| 727493 95 8 | PLANTRONICS INC NEW | PUT | |
| 72765Q AC 0 | PLATINUM GROUP METALS LTD | NOTE 6.875% 7/0 | |
| 72765Q 88 2 | PLATINUM GROUP METALS LTD | COM | |
| 72814N 10 4 * | PLAYAGS INC | COM | |
| 72814N 90 4 | PLAYAGS INC | CALL | |
| 72814N 95 4 | PLAYAGS INC | PUT | |
| 729132 10 0 * | PLEXUS CORP | COM | |

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|---------------|------------------------------|--------------------|--------|
| 729132 90 0 | PLEXUS CORP | CALL | |
| 729132 95 0 | PLEXUS CORP | PUT | |
| 72919P AB 9 | PLUG POWER INC | NOTE 5.500% 3/1 | ADDED |
| 72919P 20 2 * | PLUG POWER INC | COM NEW | |
| 72919P 90 2 | PLUG POWER INC | CALL | |
| 72919P 95 2 | PLUG POWER INC | PUT | |
| 729273 10 2 | PLUMAS BANCORP | COM | |
| 72940R 10 2 * | PLURISTEM THERAPEUTICS INC | COM | |
| 72940R 90 2 | PLURISTEM THERAPEUTICS INC | CALL | |
| 72940R 95 2 | PLURISTEM THERAPEUTICS INC | PUT | |
| 72941B 10 6 * | PLURALSIGHT INC | COM CL A | |
| 72941B 90 6 | PLURALSIGHT INC | CALL | |
| 72941B 95 6 | PLURALSIGHT INC | PUT | |
| 72942A 10 7 | PLX PHARMA INC | COM | |
| 729640 10 2 | PLYMOUTH INDL REIT INC | COM | |
| 730843 20 8 * | POINTS INTL LTD | COM NEW | |
| 730843 90 8 | POINTS INTL LTD | CALL | |
| 730843 95 8 | POINTS INTL LTD | PUT | |
| 73102V 10 5 | POLAR PWR INC | COM | |
| 731068 10 2 * | POLARIS INDS INC | COM | |
| 731068 90 2 | POLARIS INDS INC | CALL | |
| 731068 95 2 | POLARIS INDS INC | PUT | |
| 731094 10 8 * | POLARITYTE INC | COM | |
| 731094 90 8 | POLARITYTE INC | CALL | |
| 731094 95 8 | POLARITYTE INC | PUT | |
| 73179P 10 6 * | POLYONE CORP | COM | |
| 73179P 90 6 | POLYONE CORP | CALL | |
| 73179P 95 6 | POLYONE CORP | PUT | |
| 731916 10 2 | POLYMET MINING CORP | COM | |
| 73278L 10 5 * | POOL CORPORATION | COM | |
| 73278L 90 5 | POOL CORPORATION | CALL | |
| 73278L 95 5 | POOL CORPORATION | PUT | |
| 732857 10 7 | POPE RESOURCES A DELAWARE LP | DEPOSITRY RCPT | |
| 733174 70 0 * | POPULAR INC | COM NEW | |

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| 733174 90 0 | POPULAR INC | CALL | |
| 733174 95 0 | POPULAR INC | PUT | |
| 73640Q AB 1 | PORTFOLIO RECOVERY ASSOCS IN | NOTE 3.000% 8/0 | |
| 736508 84 7 * | PORTLAND GEN ELEC CO | COM NEW | |
| 736508 90 7 | PORTLAND GEN ELEC CO | CALL | |
| 736508 95 7 | PORTLAND GEN ELEC CO | PUT | |
| 73688F 10 2 * | PORTMAN RIDGE FIN CORP | COM | ADDED |
| 73688F 90 2 | PORTMAN RIDGE FIN CORP | CALL | ADDED |
| 73688F 95 2 | PORTMAN RIDGE FIN CORP | PUT | ADDED |
| 737010 10 8 * | PORTOLA PHARMACEUTICALS INC | COM | |
| 737010 90 8 | PORTOLA PHARMACEUTICALS INC | CALL | |
| 737010 95 8 | PORTOLA PHARMACEUTICALS INC | PUT | |
| 73740G 10 6 | POSITIVE PHYSICIANS HLDGS IN | COM | ADDED |
| 737446 10 4 * | POST HLDGS INC | COM | |
| 737446 90 4 | POST HLDGS INC | CALL | |
| 737446 95 4 | POST HLDGS INC | PUT | |
| 73754Y 10 0 * | POTBELLY CORP | COM | |
| 73754Y 90 0 | POTBELLY CORP | CALL | |
| 73754Y 95 0 | POTBELLY CORP | PUT | |
| 73757R 10 2 | POSTAL REALTY TRUST INC | CL A | ADDED |
| 737630 10 3 * | POTLATCHDELTAIC CORPORATION | COM | |
| 737630 90 3 | POTLATCHDELTAIC CORPORATION | CALL | |
| 737630 95 3 | POTLATCHDELTAIC CORPORATION | PUT | |
| 739128 10 6 * | POWELL INDS INC | COM | |
| 739128 90 6 | POWELL INDS INC | CALL | |
| 739128 95 6 | POWELL INDS INC | PUT | |
| 739276 10 3 * | POWER INTEGRATIONS INC | COM | |
| 739276 90 3 | POWER INTEGRATIONS INC | CALL | |
| 739276 95 3 | POWER INTEGRATIONS INC | PUT | |
| 73933H 10 1 | POWER REIT | COM | |
| 73943T 10 3 * | PQ GROUP HLDGS INC | COM | |
| 73943T 90 3 | PQ GROUP HLDGS INC | CALL | |
| 73943T 95 3 | PQ GROUP HLDGS INC | PUT | |
| 739727 20 4 * | PRANA BIOTECHNOLOGY LTD | SPON ADR NEW | DELETED |

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|---------------|------------------------------|--------------------|---------|
| 739727 90 4 | PRANA BIOTECHNOLOGY LTD | CALL | DELETED |
| 739727 95 4 | PRANA BIOTECHNOLOGY LTD | PUT | DELETED |
| 74019L 10 7 | PRECIPIO INC | COM | DELETED |
| 74019L 50 3 | PRECIPIO INC | COM | ADDED |
| 74019P 10 8 | PRECISION BIOSCIENCES INC | COM | |
| 74022D 30 8 * | PRECISION DRILLING CORP | COM 2010 | |
| 74022D 90 8 | PRECISION DRILLING CORP | CALL | |
| 74022D 95 8 | PRECISION DRILLING CORP | PUT | |
| 74033P 10 0 | PRECISION THERAPEUTICS INC | COM | DELETED |
| 740367 40 4 * | PREFERRED BK LOS ANGELES CA | COM NEW | |
| 740367 90 4 | PREFERRED BK LOS ANGELES CA | CALL | |
| 740367 95 4 | PREFERRED BK LOS ANGELES CA | PUT | |
| 74039L 10 3 * | PREFERRED APT CMNTYS INC | COM | |
| 74039L 90 3 | PREFERRED APT CMNTYS INC | CALL | |
| 74039L 95 3 | PREFERRED APT CMNTYS INC | PUT | |
| 74039M 10 1 | PREDICTIVE ONCOLOGY INC | COM | ADDED |
| 740444 10 4 | PREFORMED LINE PRODS CO | COM | |
| 74050M 10 5 | PREMIER FINL BANCORP INC | COM | |
| 74051N 10 2 * | PREMIER INC | CL A | |
| 74051N 90 2 | PREMIER INC | CALL | |
| 74051N 95 2 | PREMIER INC | PUT | |
| 74102M 10 3 * | PRESIDIO INC | COM | |
| 74102M 90 3 | PRESIDIO INC | CALL | |
| 74102M 95 3 | PRESIDIO INC | PUT | |
| 74112D 10 1 * | PRESTIGE CONSMR HEALTHCARE I | COM | |
| 74112D 90 1 | PRESTIGE CONSMR HEALTHCARE I | CALL | |
| 74112D 95 1 | PRESTIGE CONSMR HEALTHCARE I | PUT | |
| 74139C AB 8 | PRETIUM RES INC | NOTE 2.250% 3/1 | |
| 74139C 10 2 * | PRETIUM RES INC | COM | |
| 74139C 90 2 | PRETIUM RES INC | CALL | |
| 74139C 95 2 | PRETIUM RES INC | PUT | |
| 74140Y 10 1 | PREVAIL THERAPEUTICS INC | COM | ADDED |
| 74144T 10 8 * | PRICE T ROWE GROUP INC | COM | |
| 74144T 90 8 | PRICE T ROWE GROUP INC | CALL | |

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| 74144T 95 8 | PRICE T ROWE GROUP INC | PUT | |
| 741503 AS 5 | PRICELINE GRP INC | NOTE 0.350% 6/1 | |
| 741503 AX 4 | PRICELINE GRP INC | NOTE 0.900% 9/1 | |
| 741511 10 9 * | PRICESMART INC | COM | |
| 741511 90 9 | PRICESMART INC | CALL | |
| 741511 95 9 | PRICESMART INC | PUT | |
| 74158E 10 4 | PRIMEENERGY RESOURCES CORP | COM | |
| 74164F 10 3 * | PRIMORIS SVCS CORP | COM | |
| 74164F 90 3 | PRIMORIS SVCS CORP | CALL | |
| 74164F 95 3 | PRIMORIS SVCS CORP | PUT | |
| 74164M 10 8 * | PRIMERICA INC | COM | |
| 74164M 90 8 | PRIMERICA INC | CALL | |
| 74164M 95 8 | PRIMERICA INC | PUT | |
| 74165N 10 5 * | PRIMO WTR CORP | COM | |
| 74165N 90 5 | PRIMO WTR CORP | CALL | |
| 74165N 95 5 | PRIMO WTR CORP | PUT | |
| 74251V 10 2 * | PRINCIPAL FINL GROUP INC | COM | |
| 74251V 90 2 | PRINCIPAL FINL GROUP INC | CALL | |
| 74251V 95 2 | PRINCIPAL FINL GROUP INC | PUT | |
| 74255X 10 4 | PRINCIPAL REAL ESTATE INCOME | SHS BEN INT | |
| 74255Y 10 2 | PRINCIPAL EXCHANGE TRADED FD | ACTV INCM ETF | |
| 74255Y 20 1 | PRINCIPAL EXCHANGE TRADED FD | PRIN PRICE IDX | |
| 74255Y 30 0 | PRINCIPAL EXCHANGE TRADED FD | PRIN SHRHLDR | |
| 74255Y 40 9 | PRINCIPAL EXCHANGE TRADED FD | HEALTHCARE INDX | |
| 74255Y 50 8 | PRINCIPAL EXCHANGE TRADED FD | PRCPL MIL INDX | |
| 74255Y 60 7 | PRINCIPAL EXCHANGE TRADED FD | US SM MLT FC ETF | |
| 74255Y 70 6 | PRINCIPAL EXCHANGE TRADED FD | PRINCIPAL ACTV | |
| 74255Y 81 3 | PRINCIPAL EXCHANGE TRADED FD | ULTRA SHT ACTV | ADDED |
| 74255Y 82 1 | PRINCIPAL EXCHANGE TRADED FD | PRNC INVT GRAD | |
| 74255Y 83 9 | PRINCIPAL EXCHANGE TRADED FD | INTL MULT FACT | DELETED |
| 74255Y 85 4 | PRINCIPAL EXCHANGE TRADED FD | SUSTINBLE MMNT | |
| 74255Y 86 2 | PRINCIPAL EXCHANGE TRADED FD | CONTRARIAN VLU | |
| 74255Y 87 0 * | PRINCIPAL EXCHANGE TRADED FD | US MEGA CAP | |
| 74255Y 90 0 | PRINCIPAL EXCHANGE TRADED FD | CALL | |

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| 74255Y 95 0 | PRINCIPAL EXCHANGE TRADED FD | PUT | |
| 74255Y 88 8 | PRINCIPAL EXCHANGE TRADED FD | SPECTRUM PFD | |
| 74257L 10 8 | PRINCIPIA BIOPHARMA INC | COM | |
| 74265M 20 5 | PRO-DEX INC COLO | COM NEW | |
| 74267C 10 6 * | PROASSURANCE CORP | COM | |
| 74267C 90 6 | PROASSURANCE CORP | CALL | |
| 74267C 95 6 | PROASSURANCE CORP | PUT | |
| 742718 10 9 * | PROCTER AND GAMBLE CO | COM | |
| 742718 90 9 | PROCTER AND GAMBLE CO | CALL | |
| 742718 95 9 | PROCTER AND GAMBLE CO | PUT | |
| 74275G 10 7 | PRIORITY TECHNOLOGY HLDGS IN | COM | |
| 74280R 20 5 | PROCURE ETF TRUST II | SPACE ETF | ADDED |
| 74312Y 20 2 | PROFESSIONAL DIVERSITY NET I | COM NEW | |
| 74316X 10 1 * | PROFIRE ENERGY INC | COM | |
| 74316X 90 1 | PROFIRE ENERGY INC | CALL | |
| 74316X 95 1 | PROFIRE ENERGY INC | PUT | |
| 74317H 10 5 | PROFICIENT ALPHA ACQUSTN COR | COM | ADDED |
| 74317H 11 3 | PROFICIENT ALPHA ACQUSTN COR | *W EXP 04/30/202 | ADDED |
| 74317H 12 1 | PROFICIENT ALPHA ACQUSTN COR | RIGHT 04/30/2026 | ADDED |
| 74317H 20 4 | PROFICIENT ALPHA ACQUSTN COR | UNIT 04/30/2026 | ADDED |
| 743187 10 6 * | PROGENICS PHARMACEUTICALS IN | COM | |
| 743187 90 6 | PROGENICS PHARMACEUTICALS IN | CALL | |
| 743187 95 6 | PROGENICS PHARMACEUTICALS IN | PUT | |
| 743312 10 0 * | PROGRESS SOFTWARE CORP | COM | |
| 743312 90 0 | PROGRESS SOFTWARE CORP | CALL | |
| 743312 95 0 | PROGRESS SOFTWARE CORP | PUT | |
| 743315 10 3 * | PROGRESSIVE CORP OHIO | COM | |
| 743315 90 3 | PROGRESSIVE CORP OHIO | CALL | |
| 743315 95 3 | PROGRESSIVE CORP OHIO | PUT | |
| 74340W 10 3 * | PROLOGIS INC | COM | |
| 74340W 90 3 | PROLOGIS INC | CALL | |
| 74340W 95 3 | PROLOGIS INC | PUT | |
| 743424 10 3 * | PROOFPOINT INC | COM | |
| 743424 90 3 | PROOFPOINT INC | CALL | |

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| 743424 95 3 | PROOFPOINT INC | PUT | |
| 74345W 10 8 | PROPHASE LABS INC | COM | |
| 74346Y AB 9 | PROS HOLDINGS INC | NOTE 2.000%12/0 | |
| 74346Y AD 5 | PROS HOLDINGS INC | NOTE 2.000% 6/0 | |
| 74346Y 10 3 * | PROS HOLDINGS INC | COM | |
| 74346Y 90 3 | PROS HOLDINGS INC | CALL | |
| 74346Y 95 3 | PROS HOLDINGS INC | PUT | |
| 74347B 12 8 * | PROSHARES TR | ULTRPRO COM SR | |
| 74347B 90 8 | PROSHARES TR | CALL | |
| 74347B 95 8 | PROSHARES TR | PUT | |
| 74347B 13 6 | PROSHARES TR | ULTRA COMM SER | |
| 74347B 14 4 * | PROSHARES TR | ULTRPRO SHT CM | |
| 74347B 90 4 | PROSHARES TR | CALL | |
| 74347B 95 4 | PROSHARES TR | PUT | |
| 74347B 15 1 | PROSHARES TR | ULTRSHORT COMM | |
| 74347B 16 9 | PROSHARES TR | ONLINE RTL ETF | |
| 74347B 17 7 * | PROSHARES TR | BASIC MAT NEW | |
| 74347B 90 7 | PROSHARES TR | CALL | |
| 74347B 95 7 | PROSHARES TR | PUT | |
| 74347B 18 5 * | PROSHARES TR | PSHS SHTFINL ETF | |
| 74347B 90 5 | PROSHARES TR | CALL | |
| 74347B 95 5 | PROSHARES TR | PUT | |
| 74347B 19 3 * | PROSHARES TR | ULTRAPRO SHORT N | |
| 74347B 90 3 | PROSHARES TR | CALL | |
| 74347B 95 3 | PROSHARES TR | PUT | |
| 74347B 20 1 * | PROSHARES TR | PSHS ULTSH 20YRS | |
| 74347B 90 1 | PROSHARES TR | CALL | |
| 74347B 95 1 | PROSHARES TR | PUT | |
| 74347B 21 9 * | PROSHARES TR | ULSHRT SEMIC NEW | DELETED |
| 74347B 90 9 | PROSHARES TR | CALL | DELETED |
| 74347B 95 9 | PROSHARES TR | PUT | DELETED |
| 74347B 22 7 * | PROSHARES TR | ULTSHT FT CH 50 | |
| 74347B 90 7 | PROSHARES TR | CALL | |
| 74347B 95 7 | PROSHARES TR | PUT | |

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| 74347B 23 5 * | PROSHARES TR | PSHS SHORT DOW30 | |
| 74347B 90 5 | PROSHARES TR | CALL | |
| 74347B 95 5 | PROSHARES TR | PUT | |
| 74347B 24 3 * | PROSHARES TR | ULTSHRT QQQ | |
| 74347B 90 3 | PROSHARES TR | CALL | |
| 74347B 95 3 | PROSHARES TR | PUT | |
| 74347B 25 0 * | PROSHARES TR | PSHS SH MDCAP400 | |
| 74347B 90 0 | PROSHARES TR | CALL | |
| 74347B 95 0 | PROSHARES TR | PUT | |
| 74347B 26 8 * | PROSHARES TR | ULTRAPRO SHORT S | |
| 74347B 90 8 | PROSHARES TR | CALL | |
| 74347B 95 8 | PROSHARES TR | PUT | |
| 74347B 27 6 * | PROSHARES TR | PSHS ULDOW30 NEW | |
| 74347B 90 6 | PROSHARES TR | CALL | |
| 74347B 95 6 | PROSHARES TR | PUT | |
| 74347B 28 4 * | PROSHARES TR | SHT MSCI NEW | |
| 74347B 90 4 | PROSHARES TR | CALL | |
| 74347B 95 4 | PROSHARES TR | PUT | |
| 74347B 29 2 * | PROSHARES TR | ULT MSCIBZL CAPP | |
| 74347B 90 2 | PROSHARES TR | CALL | |
| 74347B 95 2 | PROSHARES TR | PUT | |
| 74347B 31 8 | PROSHARES TR | S&P 500 BD ETF | |
| 74347B 36 7 | PROSHARES TR | DECLINE RETAIL | |
| 74347B 37 5 | PROSHARES TR | LONG ONLINE SHRT | |
| 74347B 38 3 * | PROSHARES TR | ULTRASHRT S&P500 | |
| 74347B 90 3 | PROSHARES TR | CALL | |
| 74347B 95 3 | PROSHARES TR | PUT | |
| 74347B 39 1 | PROSHARES TR | EQTS FOR RISIN | |
| 74347B 41 7 | PROSHARES TR | K1 FRE CRD OIL | |
| 74347B 42 5 * | PROSHARES TR | SHORT S&P 500 NE | |
| 74347B 90 5 | PROSHARES TR | CALL | |
| 74347B 95 5 | PROSHARES TR | PUT | |
| 74347B 47 4 * | PROSHARES TR | ULTPRO NASBIO NW | |
| 74347B 90 4 | PROSHARES TR | CALL | |

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| 74347B 95 4 | PROSHARES TR | PUT | |
| 74347B 48 2 * | PROSHARES TR | ULTRA GLD MNR NW | |
| 74347B 90 2 | PROSHARES TR | CALL | |
| 74347B 95 2 | PROSHARES TR | PUT | |
| 74347B 49 0 | PROSHARES TR | ULTRA MSCI BRAZI | |
| 74347B 50 8 | PROSHARES TR | DJ BRKFLD GLB | |
| 74347B 53 2 | PROSHARES TR | MANAGED FUT | |
| 74347B 54 0 | PROSHARES TR | MSCI EUR DIV | |
| 74347B 55 7 | PROSHARES TR | SP500 EX TECH | |
| 74347B 56 5 | PROSHARES TR | SP500 EX HLTH | |
| 74347B 57 3 | PROSHARES TR | SP500 EX FINLS | |
| 74347B 58 1 | PROSHARES TR | SP500 EX ENRGY | |
| 74347B 60 7 | PROSHARES TR | INVT INT RT HG | |
| 74347B 68 0 * | PROSHARES TR | S&P MDCP 400 DIV | |
| 74347B 90 0 | PROSHARES TR | CALL | |
| 74347B 95 0 | PROSHARES TR | PUT | |
| 74347B 69 8 * | PROSHARES TR | RUSS 2000 DIVD | |
| 74347B 90 8 | PROSHARES TR | CALL | |
| 74347B 95 8 | PROSHARES TR | PUT | |
| 74347B 70 6 | PROSHARES TR | ST EMG MKT ETF | |
| 74347B 71 4 * | PROSHARES TR | SHORT QQQ NEW | |
| 74347B 90 4 | PROSHARES TR | CALL | |
| 74347B 95 4 | PROSHARES TR | PUT | |
| 74347B 72 2 | PROSHARES TR | ULSHRT UTILS NEW | |
| 74347B 73 0 * | PROSHARES TR | ULSHRT TECH NEW | DELETED |
| 74347B 90 0 | PROSHARES TR | CALL | DELETED |
| 74347B 95 0 | PROSHARES TR | PUT | DELETED |
| 74347B 74 8 * | PROSHARES TR | ULTSHT FINLS NEW | |
| 74347B 90 8 | PROSHARES TR | CALL | |
| 74347B 95 8 | PROSHARES TR | PUT | |
| 74347B 78 9 * | PROSHARES TR | ULTSH NASD BIOT | |
| 74347B 90 9 | PROSHARES TR | CALL | |
| 74347B 95 9 | PROSHARES TR | PUT | |
| 74347B 81 3 | PROSHARES TR | MORNINGSTAR ALTR | |

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| 74347B 83 9 | PROSHARES TR | MSCI EAFE DIVD | |
| 74347B 84 7 | PROSHARES TR | PROSHS EMG ETF | |
| 74347B 87 0 | PROSHARES TR | CDS SH NA HYCR | |
| 74347G 10 1 * | PROSHARES TR | ULSHRT TECH NEW | ADDED |
| 74347G 90 1 | PROSHARES TR | CALL | ADDED |
| 74347G 95 1 | PROSHARES TR | PUT | ADDED |
| 74347G 20 0 | PROSHARES TR | ULSHRT SEMIC NEW | ADDED |
| 74347G 30 9 * | PROSHARES TR | ULTRAPRO DOW 30 | ADDED |
| 74347G 90 9 | PROSHARES TR | CALL | ADDED |
| 74347G 95 9 | PROSHARES TR | PUT | ADDED |
| 74347G 40 8 * | PROSHARES TR | ULTRAPRO SHT QQQ | ADDED |
| 74347G 90 8 | PROSHARES TR | CALL | ADDED |
| 74347G 95 8 | PROSHARES TR | PUT | ADDED |
| 74347M 10 8 * | PROPETRO HLDG CORP | COM | |
| 74347M 90 8 | PROPETRO HLDG CORP | CALL | |
| 74347M 95 8 | PROPETRO HLDG CORP | PUT | |
| 74347R 10 7 * | PROSHARES TR | PSHS ULT S&P 500 | |
| 74347R 90 7 | PROSHARES TR | CALL | |
| 74347R 95 7 | PROSHARES TR | PUT | |
| 74347R 11 5 | PROSHARES TR | PSHS CONSUMR GD | |
| 74347R 13 1 * | PROSHARES TR | SHRT HGH YIELD | |
| 74347R 90 1 | PROSHARES TR | CALL | |
| 74347R 95 1 | PROSHARES TR | PUT | |
| 74347R 17 2 * | PROSHARES TR | ULTRA 20YR TRE | |
| 74347R 90 2 | PROSHARES TR | CALL | |
| 74347R 95 2 | PROSHARES TR | PUT | |
| 74347R 18 0 * | PROSHARES TR | ULTR 7-10 TREA | |
| 74347R 90 0 | PROSHARES TR | CALL | |
| 74347R 95 0 | PROSHARES TR | PUT | |
| 74347R 20 6 * | PROSHARES TR | PSHS ULTRA QQQ | |
| 74347R 90 6 | PROSHARES TR | CALL | |
| 74347R 95 6 | PROSHARES TR | PUT | |
| 74347R 21 4 * | PROSHARES TR | PSHS ULT NASB | |
| 74347R 90 4 | PROSHARES TR | CALL | |

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| 74347R 95 4 | PROSHARES TR | PUT | |
| 74347R 22 2 * | PROSHARES TR | PSHS SHT OIL&GAS | |
| 74347R 90 2 | PROSHARES TR | CALL | |
| 74347R 95 2 | PROSHARES TR | PUT | |
| 74347R 24 8 * | PROSHARES TR | PSHS LC COR PLUS | |
| 74347R 90 8 | PROSHARES TR | CALL | |
| 74347R 95 8 | PROSHARES TR | PUT | |
| 74347R 26 3 | PROSHARES TR | PSHS UL TELE ETF | |
| 74347R 30 5 * | PROSHARES TR | PSHS ULTRA DOW30 | |
| 74347R 90 5 | PROSHARES TR | CALL | |
| 74347R 95 5 | PROSHARES TR | PUT | |
| 74347R 31 3 * | PROSHARES TR | PSHS ULSHT 7-10Y | |
| 74347R 90 3 | PROSHARES TR | CALL | |
| 74347R 95 3 | PROSHARES TR | PUT | |
| 74347R 37 0 * | PROSHARES TR | PSHS SH MSCI EAF | |
| 74347R 90 0 | PROSHARES TR | CALL | |
| 74347R 95 0 | PROSHARES TR | PUT | |
| 74347R 39 6 * | PROSHARES TR | PSHS SH MSCI EMR | |
| 74347R 90 6 | PROSHARES TR | CALL | |
| 74347R 95 6 | PROSHARES TR | PUT | |
| 74347R 40 4 * | PROSHARES TR | PSHS ULT MCAP400 | |
| 74347R 90 4 | PROSHARES TR | CALL | |
| 74347R 95 4 | PROSHARES TR | PUT | |
| 74347R 66 9 * | PROSHARES TR | PSHS ULT SEMICDT | |
| 74347R 90 9 | PROSHARES TR | CALL | |
| 74347R 95 9 | PROSHARES TR | PUT | |
| 74347R 68 5 * | PROSHARES TR | PSHS ULTRA UTIL | |
| 74347R 90 5 | PROSHARES TR | CALL | |
| 74347R 95 5 | PROSHARES TR | PUT | |
| 74347R 69 3 * | PROSHARES TR | PSHS ULTRA TECH | |
| 74347R 90 3 | PROSHARES TR | CALL | |
| 74347R 95 3 | PROSHARES TR | PUT | |
| 74347R 71 9 * | PROSHARES TR | PSHS ULTRA O&G | |
| 74347R 90 9 | PROSHARES TR | CALL | |

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| 74347R 95 9 | PROSHARES TR | PUT | |
| 74347R 72 7 * | PROSHARES TR | PSHS ULTRA INDL | |
| 74347R 90 7 | PROSHARES TR | CALL | |
| 74347R 95 7 | PROSHARES TR | PUT | |
| 74347R 73 5 * | PROSHARES TR | PSHS ULT HLTHCRE | |
| 74347R 90 5 | PROSHARES TR | CALL | |
| 74347R 95 5 | PROSHARES TR | PUT | |
| 74347R 75 0 | PROSHARES TR | PSHS CONSMR SVCS | |
| 74347R 76 8 | PROSHARES TR | PSHS CONSMRGOODS | |
| 74347R 77 6 * | PROSHARES TR | PSHS ULT BASMATL | |
| 74347R 90 6 | PROSHARES TR | CALL | |
| 74347R 95 6 | PROSHARES TR | PUT | |
| 74347R 81 8 * | PROSHARES TR | PSHS ULT SCAP600 | |
| 74347R 90 8 | PROSHARES TR | CALL | |
| 74347R 95 8 | PROSHARES TR | PUT | |
| 74347R 84 2 * | PROSHARES TR | PSHS ULTRUSS2000 | |
| 74347R 90 2 | PROSHARES TR | CALL | |
| 74347R 95 2 | PROSHARES TR | PUT | |
| 74347W 11 4 * | PROSHARES TR II | PSHS ULSSLVR NEW | |
| 74347W 90 4 | PROSHARES TR II | CALL | |
| 74347W 95 4 | PROSHARES TR II | PUT | |
| 74347W 13 0 * | PROSHARES TR II | SHT VIX ST TRM | |
| 74347W 90 0 | PROSHARES TR II | CALL | |
| 74347W 95 0 | PROSHARES TR II | PUT | |
| 74347W 14 8 * | PROSHARES TR II | ULTRA VIX SHORT | |
| 74347W 90 8 | PROSHARES TR II | CALL | |
| 74347W 95 8 | PROSHARES TR II | PUT | |
| 74347W 17 1 * | PROSHARES TR II | VIX SH TRM FUTRS | |
| 74347W 90 1 | PROSHARES TR II | CALL | |
| 74347W 95 1 | PROSHARES TR II | PUT | |
| 74347W 22 1 * | PROSHARES TR II | ULTRAPRO 3X CR | |
| 74347W 90 1 | PROSHARES TR II | CALL | |
| 74347W 95 1 | PROSHARES TR II | PUT | |
| 74347W 24 7 * | PROSHARES TR II | ULTA BLMBG 2017 | |

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| 74347W 90 7 | PROSHARES TR II | CALL | |
| 74347W 95 7 | PROSHARES TR II | PUT | |
| 74347W 27 0 * | PROSHARES TR II | ULTRA YEN NEW | |
| 74347W 90 0 | PROSHARES TR II | CALL | |
| 74347W 95 0 | PROSHARES TR II | PUT | |
| 74347W 33 8 * | PROSHARES TR II | VIX MDTRM FUTR N | |
| 74347W 90 8 | PROSHARES TR II | CALL | |
| 74347W 95 8 | PROSHARES TR II | PUT | |
| 74347W 35 3 * | PROSHARES TR II | ULTRA SILVER NEW | |
| 74347W 90 3 | PROSHARES TR II | CALL | |
| 74347W 95 3 | PROSHARES TR II | PUT | |
| 74347W 38 7 * | PROSHARES TR II | ULSHT BLOOMB GAS | |
| 74347W 90 7 | PROSHARES TR II | CALL | |
| 74347W 95 7 | PROSHARES TR II | PUT | |
| 74347W 39 5 * | PROSHARES TR II | ULTRASHRT NEW | |
| 74347W 90 5 | PROSHARES TR II | CALL | |
| 74347W 95 5 | PROSHARES TR II | PUT | |
| 74347W 46 0 * | PROSHARES TR II | PROSHS U/SHAUS | |
| 74347W 90 0 | PROSHARES TR II | CALL | |
| 74347W 95 0 | PROSHARES TR II | PUT | |
| 74347W 56 9 * | PROSHARES TR II | ULTRASHORT YEN N | |
| 74347W 90 9 | PROSHARES TR II | CALL | |
| 74347W 95 9 | PROSHARES TR II | PUT | |
| 74347W 60 1 * | PROSHARES TR II | ULTRA GOLD | |
| 74347W 90 1 | PROSHARES TR II | CALL | |
| 74347W 95 1 | PROSHARES TR II | PUT | |
| 74347W 66 8 * | PROSHARES TR II | ULSHT BLOOMB OIL | |
| 74347W 90 8 | PROSHARES TR II | CALL | |
| 74347W 95 8 | PROSHARES TR II | PUT | |
| 74347W 74 2 * | PROSHARES TR II | PROSHS SHT EUR | |
| 74347W 90 2 | PROSHARES TR II | CALL | |
| 74347W 95 2 | PROSHARES TR II | PUT | |
| 74347W 87 4 * | PROSHARES TR II | PSH ULTRA EURO | |
| 74347W 90 4 | PROSHARES TR II | CALL | |

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| 74347W 95 4 | PROSHARES TR II | PUT | |
| 74347W 88 2 * | PROSHARES TR II | ULTRASHRT EURO | |
| 74347W 90 2 | PROSHARES TR II | CALL | |
| 74347W 95 2 | PROSHARES TR II | PUT | |
| 74347X 29 4 | PROSHARES TR | HD REPLICATION | |
| 74347X 30 2 * | PROSHARES TR | MSCI EMRG ETF | |
| 74347X 90 2 | PROSHARES TR | CALL | |
| 74347X 95 2 | PROSHARES TR | PUT | |
| 74347X 31 0 | PROSHARES TR | RAFI LG SHT FD | |
| 74347X 50 0 | PROSHARES TR | ULTR MSCI ETF | |
| 74347X 52 6 | PROSHARES TR | ULT FTSE EUROPE | |
| 74347X 55 9 | PROSHARES TR | SHT BASIC MAT | |
| 74347X 62 5 * | PROSHARES TR | ULT R/EST NEW | |
| 74347X 90 5 | PROSHARES TR | CALL | |
| 74347X 95 5 | PROSHARES TR | PUT | |
| 74347X 63 3 * | PROSHARES TR | ULTRA FNCLS NEW | |
| 74347X 90 3 | PROSHARES TR | CALL | |
| 74347X 95 3 | PROSHARES TR | PUT | |
| 74347X 64 1 * | PROSHARES TR | SHRT RL EST FD | |
| 74347X 90 1 | PROSHARES TR | CALL | |
| 74347X 95 1 | PROSHARES TR | PUT | |
| 74347X 65 8 * | PROSHARES TR | SHT FTSE CHIN 50 | |
| 74347X 90 8 | PROSHARES TR | CALL | |
| 74347X 95 8 | PROSHARES TR | PUT | |
| 74347X 70 8 * | PROSHARES TR | UL MSCI JP ETF | |
| 74347X 90 8 | PROSHARES TR | CALL | |
| 74347X 95 8 | PROSHARES TR | PUT | |
| 74347X 79 9 * | PROSHARES TR | ULTR RUSSL2000 | |
| 74347X 90 9 | PROSHARES TR | CALL | |
| 74347X 95 9 | PROSHARES TR | PUT | |
| 74347X 81 5 * | PROSHARES TR | ULTRA MDCAP400 | |
| 74347X 90 5 | PROSHARES TR | CALL | |
| 74347X 95 5 | PROSHARES TR | PUT | |
| 74347X 82 3 * | PROSHARES TR | ULTRPRO DOW30 | |

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| 74347X 90 3 | PROSHARES TR | CALL | |
| 74347X 95 3 | PROSHARES TR | PUT | |
| 74347X 83 1 * | PROSHARES TR | ULTRAPRO QQQ | |
| 74347X 90 1 | PROSHARES TR | CALL | |
| 74347X 95 1 | PROSHARES TR | PUT | |
| 74347X 84 9 * | PROSHARES TR | SHRT 20+YR TRE | |
| 74347X 90 9 | PROSHARES TR | CALL | |
| 74347X 95 9 | PROSHARES TR | PUT | |
| 74347X 86 4 * | PROSHARES TR | ULTRPRO S&P500 | |
| 74347X 90 4 | PROSHARES TR | CALL | |
| 74347X 95 4 | PROSHARES TR | PUT | |
| 74347X 88 0 * | PROSHARES TR | ULT FTSE CHIN 50 | |
| 74347X 90 0 | PROSHARES TR | CALL | |
| 74347X 95 0 | PROSHARES TR | PUT | |
| 74347Y 70 6 * | PROSHARES TR II | ULTRA BLOOMBERG | |
| 74347Y 90 6 | PROSHARES TR II | CALL | |
| 74347Y 95 6 | PROSHARES TR II | PUT | |
| 74347Y 80 5 * | PROSHARES TR II | ULTRAPRO 3X SHOR | |
| 74347Y 90 5 | PROSHARES TR II | CALL | |
| 74347Y 95 5 | PROSHARES TR II | PUT | |
| 74348A 14 5 | PROSHARES TR | PET CARE ETF | |
| 74348A 15 2 * | PROSHARES TR | ULTPRO SHT 2017 | |
| 74348A 90 2 | PROSHARES TR | CALL | |
| 74348A 95 2 | PROSHARES TR | PUT | |
| 74348A 16 0 * | PROSHARES TR | ULTRAPRO SHORT Q | DELETED |
| 74348A 90 0 | PROSHARES TR | CALL | DELETED |
| 74348A 95 0 | PROSHARES TR | PUT | DELETED |
| 74348A 17 8 * | PROSHARES TR | ULTRAPRO DOW 30 | DELETED |
| 74348A 90 8 | PROSHARES TR | CALL | DELETED |
| 74348A 95 8 | PROSHARES TR | PUT | DELETED |
| 74348A 18 6 | PROSHARES TR | ULTRPRO SHRT NEW | |
| 74348A 19 4 * | PROSHARES TR | ULTRASHORT GOLD | |
| 74348A 90 4 | PROSHARES TR | CALL | |
| 74348A 95 4 | PROSHARES TR | PUT | |

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| 74348A 21 0 * | PROSHARES TR | SHRT RUSSELL2000 | |
| 74348A 90 0 | PROSHARES TR | CALL | |
| 74348A 95 0 | PROSHARES TR | PUT | |
| 74348A 22 8 | PROSHARES TR | ULTSHT HLTHCRE | |
| 74348A 23 6 | PROSHARES TR | ULTSHT CONS SERV | |
| 74348A 24 4 * | PROSHARES TR | ULTSHT REAL EST | |
| 74348A 90 4 | PROSHARES TR | CALL | |
| 74348A 95 4 | PROSHARES TR | PUT | |
| 74348A 31 9 * | PROSHARES TR | ULTSHT RUSS2000 | |
| 74348A 90 9 | PROSHARES TR | CALL | |
| 74348A 95 9 | PROSHARES TR | PUT | |
| 74348A 32 7 | PROSHARES TR | ULTSHT SMLCP600 | |
| 74348A 34 3 * | PROSHARES TR | ULTSHT MIDCAP400 | |
| 74348A 90 3 | PROSHARES TR | CALL | |
| 74348A 95 3 | PROSHARES TR | PUT | |
| 74348A 36 8 * | PROSHARES TR | ULTRASHORT INDL | |
| 74348A 90 8 | PROSHARES TR | CALL | |
| 74348A 95 8 | PROSHARES TR | PUT | |
| 74348A 37 6 | PROSHARES TR | SHRT SMALLCAP60 | |
| 74348A 39 2 * | PROSHARES TR | ULTPRO SHT MDCP | |
| 74348A 90 2 | PROSHARES TR | CALL | |
| 74348A 95 2 | PROSHARES TR | PUT | |
| 74348A 43 4 * | PROSHARES TR | ULTSHT FTSE EURO | |
| 74348A 90 4 | PROSHARES TR | CALL | |
| 74348A 95 4 | PROSHARES TR | PUT | |
| 74348A 45 9 * | PROSHARES TR | ULTSHT MSCI JAP | |
| 74348A 90 9 | PROSHARES TR | CALL | |
| 74348A 95 9 | PROSHARES TR | PUT | |
| 74348A 46 7 * | PROSHARES TR | S&P 500 DV ARIST | |
| 74348A 90 7 | PROSHARES TR | CALL | |
| 74348A 95 7 | PROSHARES TR | PUT | |
| 74348A 47 5 * | PROSHARES TR | ULSH MSCIEAF NEW | |
| 74348A 90 5 | PROSHARES TR | CALL | |
| 74348A 95 5 | PROSHARES TR | PUT | |

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| 74348A 49 1 * | PROSHARES TR | ULSH 20YRTRE NEW | |
| 74348A 90 1 | PROSHARES TR | CALL | |
| 74348A 95 1 | PROSHARES TR | PUT | |
| 74348A 52 5 * | PROSHARES TR | ULSHOIL&GASNEW13 | |
| 74348A 90 5 | PROSHARES TR | CALL | |
| 74348A 95 5 | PROSHARES TR | PUT | |
| 74348A 53 3 | PROSHARES TR | PRIV EQTY-LSTD | |
| 74348A 54 1 | PROSHARES TR | HGH YLD INT RATE | |
| 74348A 56 6 | PROSHARES TR | MERGER ETF | |
| 74348A 58 2 | PROSHARES TR | ULTRAPRO FIN SEL | |
| 74348A 60 8 | PROSHARES TR | SHT 7-10 YR TR | |
| 74348A 70 7 | PROSHARES TR | ULTRA HIGH YLD | |
| 74348A 81 4 * | PROSHARES TR | INFLATN EXPECTNS | |
| 74348A 90 4 | PROSHARES TR | CALL | |
| 74348A 95 4 | PROSHARES TR | PUT | |
| 74348T AQ 5 | PROSPECT CAPITAL CORPORATION | NOTE 4.750% 4/1 | |
| 74348T AR 3 | PROSPECT CAPITAL CORPORATION | NOTE 4.950% 7/1 | |
| 74348T AT 9 | PROSPECT CAPITAL CORPORATION | NOTE 6.375% 3/0 | |
| 74348T 10 2 * | PROSPECT CAPITAL CORPORATION | COM | |
| 74348T 90 2 | PROSPECT CAPITAL CORPORATION | CALL | |
| 74348T 95 2 | PROSPECT CAPITAL CORPORATION | PUT | |
| 743606 10 5 * | PROSPERITY BANCSHARES INC | COM | |
| 743606 90 5 | PROSPERITY BANCSHARES INC | CALL | |
| 743606 95 5 | PROSPERITY BANCSHARES INC | PUT | |
| 74365A AD 3 | PROTALIX BIOTHERAPEUTICS INC | NOTE 7.500%11/1 | |
| 74365A 10 1 * | PROTALIX BIOTHERAPEUTICS INC | COM | |
| 74365A 90 1 | PROTALIX BIOTHERAPEUTICS INC | CALL | |
| 74365A 95 1 | PROTALIX BIOTHERAPEUTICS INC | PUT | |
| 74366E 10 2 | PROTAGONIST THERAPEUTICS INC | COM | |
| 74368L 10 4 | PROTECTIVE INS CORP | CL A | |
| 74368L 20 3 * | PROTECTIVE INS CORP | CL B | |
| 74368L 90 3 | PROTECTIVE INS CORP | CALL | |
| 74368L 95 3 | PROTECTIVE INS CORP | PUT | |
| 74371L 10 9 | PROTEON THERAPEUTICS INC | COM | |

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| 743713 10 9 * | PROTO LABS INC | COM | |
| 743713 90 9 | PROTO LABS INC | CALL | |
| 743713 95 9 | PROTO LABS INC | PUT | |
| 74373B 10 9 * | PROTEOSTASIS THERAPEUTICS IN | COM | |
| 74373B 90 9 | PROTEOSTASIS THERAPEUTICS IN | CALL | |
| 74373B 95 9 | PROTEOSTASIS THERAPEUTICS IN | PUT | |
| 74374N 10 2 * | PROVENTION BIO INC | COM | |
| 74374N 90 2 | PROVENTION BIO INC | CALL | |
| 74374N 95 2 | PROVENTION BIO INC | PUT | |
| 743815 10 2 * | PROVIDENCE SVC CORP | COM | |
| 743815 90 2 | PROVIDENCE SVC CORP | CALL | |
| 743815 95 2 | PROVIDENCE SVC CORP | PUT | |
| 74383X 10 9 | PROVIDENT BANCORP INC | COM | |
| 74386T 10 5 * | PROVIDENT FINL SVCS INC | COM | |
| 74386T 90 5 | PROVIDENT FINL SVCS INC | CALL | |
| 74386T 95 5 | PROVIDENT FINL SVCS INC | PUT | |
| 743868 10 1 | PROVIDENT FINL HLDGS INC | COM | |
| 74431A 10 1 | PRUDENTIAL BANCORP INC NEW | COM | |
| 744320 10 2 * | PRUDENTIAL FINL INC | COM | |
| 744320 90 2 | PRUDENTIAL FINL INC | CALL | |
| 744320 95 2 | PRUDENTIAL FINL INC | PUT | |
| 74435K 20 4 * | PRUDENTIAL PLC | ADR | |
| 74435K 90 4 | PRUDENTIAL PLC | CALL | |
| 74435K 95 4 | PRUDENTIAL PLC | PUT | |
| 744375 20 5 | PSYCHEMEDICS CORP | COM NEW | |
| 744573 10 6 * | PUBLIC SVC ENTERPRISE GRP IN | COM | |
| 744573 90 6 | PUBLIC SVC ENTERPRISE GRP IN | CALL | |
| 744573 95 6 | PUBLIC SVC ENTERPRISE GRP IN | PUT | |
| 74460D 10 9 * | PUBLIC STORAGE | COM | |
| 74460D 90 9 | PUBLIC STORAGE | CALL | |
| 74460D 95 9 | PUBLIC STORAGE | PUT | |
| 74584P 20 2 * | PULMATRIX INC | COM NEW | |
| 74584P 90 2 | PULMATRIX INC | CALL | |
| 74584P 95 2 | PULMATRIX INC | PUT | |

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| 745867 10 1 * | PULTE GROUP INC | COM | |
| 745867 90 1 | PULTE GROUP INC | CALL | |
| 745867 95 1 | PULTE GROUP INC | PUT | |
| 74587B 10 1 * | PULSE BIOSCIENCES INC | COM | |
| 74587B 90 1 | PULSE BIOSCIENCES INC | CALL | |
| 74587B 95 1 | PULSE BIOSCIENCES INC | PUT | |
| 74587V 10 7 * | PUMA BIOTECHNOLOGY INC | COM | |
| 74587V 90 7 | PUMA BIOTECHNOLOGY INC | CALL | |
| 74587V 95 7 | PUMA BIOTECHNOLOGY INC | PUT | |
| 74621Q 10 6 | PURE ACQUISITION CORP | CL A | |
| 74621Q 11 4 | PURE ACQUISITION CORP | *W EXP 04/17/202 | |
| 74621Q 20 5 | PURE ACQUISITION CORP | UNIT 04/13/2023 | |
| 746228 30 3 * | PURECYCLE CORP | COM NEW | |
| 746228 90 3 | PURECYCLE CORP | CALL | |
| 746228 95 3 | PURECYCLE CORP | PUT | |
| 74624M AB 8 | PURE STORAGE INC | NOTE 0.125% 4/1 | ADDED |
| 74624M 10 2 * | PURE STORAGE INC | CL A | |
| 74624M 90 2 | PURE STORAGE INC | CALL | |
| 74624M 95 2 | PURE STORAGE INC | PUT | |
| 74640Y 10 6 | PURPLE INNOVATION INC | COM | |
| 746823 10 3 | PUTNAM MANAGED MUN INCOM TR | COM | |
| 746853 10 0 | PUTNAM PREMIER INCOME TR | SH BEN INT | |
| 746909 10 0 | PUTNAM MASTER INTER INCOME T | SH BEN INT | |
| 746922 10 3 | PUTNAM MUN OPPORTUNITIES TR | SH BEN INT | |
| 74704P 10 8 * | PUXIN LTD | ADS | |
| 74704P 90 8 | PUXIN LTD | CALL | |
| 74704P 95 8 | PUXIN LTD | PUT | |
| 74727A 10 4 * | QCR HOLDINGS INC | COM | |
| 74727A 90 4 | QCR HOLDINGS INC | CALL | |
| 74727A 95 4 | QCR HOLDINGS INC | PUT | |
| 74727D 20 7 | QAD INC | CL B | |
| 74727D 30 6 * | QAD INC | CL A | |
| 74727D 90 6 | QAD INC | CALL | |
| 74727D 95 6 | QAD INC | PUT | |

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| 747301 10 9 * | QUAD / GRAPHICS INC | COM CL A | |
| 747301 90 9 | QUAD / GRAPHICS INC | CALL | |
| 747301 95 9 | QUAD / GRAPHICS INC | PUT | |
| 74731Q 10 3 * | PZENA INVESTMENT MGMT INC | CLASS A | |
| 74731Q 90 3 | PZENA INVESTMENT MGMT INC | CALL | |
| 74731Q 95 3 | PZENA INVESTMENT MGMT INC | PUT | |
| 747316 10 7 * | QUAKER CHEM CORP | COM | |
| 747316 90 7 | QUAKER CHEM CORP | CALL | |
| 747316 95 7 | QUAKER CHEM CORP | PUT | |
| 74733V 10 0 * | QEP RES INC | COM | |
| 74733V 90 0 | QEP RES INC | CALL | |
| 74733V 95 0 | QEP RES INC | PUT | |
| 74735M 10 8 * | QIWI PLC | SPON ADR REP B | |
| 74735M 90 8 | QIWI PLC | CALL | |
| 74735M 95 8 | QIWI PLC | PUT | |
| 74736A 10 3 * | QTS RLTY TR INC | COM CL A | |
| 74736A 90 3 | QTS RLTY TR INC | CALL | |
| 74736A 95 3 | QTS RLTY TR INC | PUT | |
| 74736A 30 1 | QTS RLTY TR INC | 6.50% CON PFD B | |
| 74736K 10 1 * | QORVO INC | COM | |
| 74736K 90 1 | QORVO INC | CALL | |
| 74736K 95 1 | QORVO INC | PUT | |
| 74736L AB 5 | Q2 HLDGS INC | NOTE 0.750% 2/1 | |
| 74736L 10 9 * | Q2 HLDGS INC | COM | |
| 74736L 90 9 | Q2 HLDGS INC | CALL | |
| 74736L 95 9 | Q2 HLDGS INC | PUT | |
| 74737V 10 6 * | PYXUS INTL INC | COM | |
| 74737V 90 6 | PYXUS INTL INC | CALL | |
| 74737V 95 6 | PYXUS INTL INC | PUT | |
| 747525 10 3 * | QUALCOMM INC | COM | |
| 747525 90 3 | QUALCOMM INC | CALL | |
| 747525 95 3 | QUALCOMM INC | PUT | |
| 74758R 20 8 | QUALSTAR CORP | COM NEW | |
| 74758T 30 3 * | QUALYS INC | COM | |

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| 74758T 90 3 | QUALYS INC | CALL | |
| 74758T 95 3 | QUALYS INC | PUT | |
| 747619 10 4 * | QUANEX BUILDING PRODUCTS COR | COM | |
| 747619 90 4 | QUANEX BUILDING PRODUCTS COR | CALL | |
| 747619 95 4 | QUANEX BUILDING PRODUCTS COR | PUT | |
| 74762E 10 2 * | QUANTA SVCS INC | COM | |
| 74762E 90 2 | QUANTA SVCS INC | CALL | |
| 74762E 95 2 | QUANTA SVCS INC | PUT | |
| 74766D 10 0 * | QUANTENNA COMMUNICATIONS INC | COM | DELETED |
| 74766D 90 0 | QUANTENNA COMMUNICATIONS INC | CALL | DELETED |
| 74766D 95 0 | QUANTENNA COMMUNICATIONS INC | PUT | DELETED |
| 74766Q 10 1 | QUANTERIX CORP | COM | |
| 747713 10 5 * | QUARTERHILL INC | COM | |
| 747713 90 5 | QUARTERHILL INC | CALL | |
| 747713 95 5 | QUARTERHILL INC | PUT | |
| 747798 10 6 * | QUDIAN INC | ADR | |
| 747798 90 6 | QUDIAN INC | CALL | |
| 747798 95 6 | QUDIAN INC | PUT | |
| 74834L 10 0 * | QUEST DIAGNOSTICS INC | COM | |
| 74834L 90 0 | QUEST DIAGNOSTICS INC | CALL | |
| 74834L 95 0 | QUEST DIAGNOSTICS INC | PUT | |
| 74836W 20 3 | QUEST RESOURCE HLDG CORP | COM NEW | |
| 74837P 10 8 * | QUICKLOGIC CORP | COM | |
| 74837P 90 8 | QUICKLOGIC CORP | CALL | |
| 74837P 95 8 | QUICKLOGIC CORP | PUT | |
| 74838J AA 9 | QUIDEL CORP | NOTE 3.250%12/1 | |
| 74838J 10 1 * | QUIDEL CORP | COM | |
| 74838J 90 1 | QUIDEL CORP | CALL | |
| 74838J 95 1 | QUIDEL CORP | PUT | |
| 74874Q 10 0 * | QUINSTREET INC | COM | |
| 74874Q 90 0 | QUINSTREET INC | CALL | |
| 74874Q 95 0 | QUINSTREET INC | PUT | |
| 74875T 10 3 | QUINTANA ENERGY SVCS INC | COM | |
| 749063 10 3 * | QUMU CORP | COM | |

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| 749063 90 3 | QUMU CORP | CALL | |
| 749063 95 3 | QUMU CORP | PUT | |
| 74909E 10 6 * | QUORUM HEALTH CORP | COM | |
| 74909E 90 6 | QUORUM HEALTH CORP | CALL | |
| 74909E 95 6 | QUORUM HEALTH CORP | PUT | |
| 749119 AB 9 | QUOTIENT TECHNOLOGY INC | NOTE 1.750%12/0 | |
| 749119 10 3 * | QUOTIENT TECHNOLOGY INC | COM | |
| 749119 90 3 | QUOTIENT TECHNOLOGY INC | CALL | |
| 749119 95 3 | QUOTIENT TECHNOLOGY INC | PUT | |
| 74915J 10 7 * | QUTOUTIAO INC | ADS REP SHS A | |
| 74915J 90 7 | QUTOUTIAO INC | CALL | |
| 74915J 95 7 | QUTOUTIAO INC | PUT | |
| 74915M 10 0 * | QURATE RETAIL INC | COM SER A | |
| 74915M 90 0 | QURATE RETAIL INC | CALL | |
| 74915M 95 0 | QURATE RETAIL INC | PUT | |
| 74915M 20 9 | QURATE RETAIL INC | COM SER B | |
| 74930B 10 5 | RBB BANCORP | COM | |
| 74933V 10 8 * | RA PHARMACEUTICALS INC | COM | |
| 74933V 90 8 | RA PHARMACEUTICALS INC | CALL | |
| 74933V 95 8 | RA PHARMACEUTICALS INC | PUT | |
| 74933W 60 1 | RBB FD INC | MOTLEY FOL ETF | |
| 74933W 87 4 | RBB FD INC | MFAM SMLCP GRWTH | |
| 74933X 10 4 | RA MED SYS INC | COM | |
| 74934Q 10 8 * | RCI HOSPITALITY HLDGS INC | COM | |
| 74934Q 90 8 | RCI HOSPITALITY HLDGS INC | CALL | |
| 74934Q 95 8 | RCI HOSPITALITY HLDGS INC | PUT | |
| 749360 40 0 * | RCM TECHNOLOGIES INC | COM NEW | |
| 749360 90 0 | RCM TECHNOLOGIES INC | CALL | |
| 749360 95 0 | RCM TECHNOLOGIES INC | PUT | |
| 749397 10 5 * | R1 RCM INC | COM | |
| 749397 90 5 | R1 RCM INC | CALL | |
| 749397 95 5 | R1 RCM INC | PUT | |
| 749527 10 7 * | REV GROUP INC | COM | |
| 749527 90 7 | REV GROUP INC | CALL | |

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| 749527 95 7 | REV GROUP INC | PUT | |
| 74955L 10 3 | RGC RES INC | COM | |
| 749552 10 5 * | RF INDS LTD | COM PAR \$0.01 | |
| 749552 90 5 | RF INDS LTD | CALL | |
| 749552 95 5 | RF INDS LTD | PUT | |
| 749607 10 7 * | RLI CORP | COM | |
| 749607 90 7 | RLI CORP | CALL | |
| 749607 95 7 | RLI CORP | PUT | |
| 749641 10 6 | RMG ACQUISITION CORP | CL A | ADDED |
| 749641 11 4 | RMG ACQUISITION CORP | *W EXP 02/21/202 | ADDED |
| 749641 20 5 | RMG ACQUISITION CORP | UNIT 99/99/9999 | |
| 74965L 10 1 * | RLJ LODGING TR | COM | |
| 74965L 90 1 | RLJ LODGING TR | CALL | |
| 74965L 95 1 | RLJ LODGING TR | PUT | |
| 74965L 20 0 | RLJ LODGING TR | CUM CONV PFD A | |
| 749660 10 6 * | RPC INC | COM | |
| 749660 90 6 | RPC INC | CALL | |
| 749660 95 6 | RPC INC | PUT | |
| 74967R 10 6 | RMR GROUP INC | CL A | |
| 74967X 10 3 * | RH | COM | |
| 74967X 90 3 | RH | CALL | |
| 74967X 95 3 | RH | PUT | |
| 749685 10 3 * | RPM INTL INC | COM | |
| 749685 90 3 | RPM INTL INC | CALL | |
| 749685 95 3 | RPM INTL INC | PUT | |
| 74971D 10 1 * | RPT REALTY | SH BEN INT | |
| 74971D 90 1 | RPT REALTY | CALL | |
| 74971D 95 1 | RPT REALTY | PUT | |
| 74973W AB 3 | RTI INTL METALS INC | NOTE 1.625%10/1 | |
| 74975N 10 5 * | RTI SURGICAL HOLDINGS INC | COM | |
| 74975N 90 5 | RTI SURGICAL HOLDINGS INC | CALL | |
| 74975N 95 5 | RTI SURGICAL HOLDINGS INC | PUT | |
| 749772 AB 5 | RWT HLDGS INC | NOTE 5.625%11/1 | |
| 74979W 10 1 * | RYB ED INC | ADR | |

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| 74979W 90 1 | RYB ED INC | CALL | |
| 74979W 95 1 | RYB ED INC | PUT | |
| 74980D 10 0 * | RTW RETAILWINDS INC | COM | |
| 74980D 90 0 | RTW RETAILWINDS INC | CALL | |
| 74980D 95 0 | RTW RETAILWINDS INC | PUT | |
| 750236 10 1 * | RADIAN GROUP INC | COM | |
| 750236 90 1 | RADIAN GROUP INC | CALL | |
| 750236 95 1 | RADIAN GROUP INC | PUT | |
| 75025X 10 0 * | RADIANT LOGISTICS INC | COM | |
| 75025X 90 0 | RADIANT LOGISTICS INC | CALL | |
| 75025X 95 0 | RADIANT LOGISTICS INC | PUT | |
| 750469 AA 6 | RADIUS HEALTH INC | NOTE 3.000% 9/0 | |
| 750469 20 7 * | RADIUS HEALTH INC | COM NEW | |
| 750469 90 7 | RADIUS HEALTH INC | CALL | |
| 750469 95 7 | RADIUS HEALTH INC | PUT | |
| 750491 10 2 * | RADNET INC | COM | |
| 750491 90 2 | RADNET INC | CALL | |
| 750491 95 2 | RADNET INC | PUT | |
| 75062E 10 6 * | RAFAEL HLDGS INC | COM CL B | |
| 75062E 90 6 | RAFAEL HLDGS INC | CALL | |
| 75062E 95 6 | RAFAEL HLDGS INC | PUT | |
| 750917 AG 1 | RAMBUS INC DEL | NOTE 1.375% 2/0 | |
| 750917 10 6 * | RAMBUS INC DEL | COM | |
| 750917 90 6 | RAMBUS INC DEL | CALL | |
| 750917 95 6 | RAMBUS INC DEL | PUT | |
| 751212 10 1 * | RALPH LAUREN CORP | CL A | |
| 751212 90 1 | RALPH LAUREN CORP | CALL | |
| 751212 95 1 | RALPH LAUREN CORP | PUT | |
| 75134P 30 3 | RAMACO RES INC | COM | |
| 752185 10 8 | RAND CAP CORP | COM | |
| 752378 10 9 | RANDOLPH BANCORP INC | COM | |
| 75281A 10 9 * | RANGE RES CORP | COM | |
| 75281A 90 9 | RANGE RES CORP | CALL | |
| 75281A 95 9 | RANGE RES CORP | PUT | |

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| 75282U 10 4 | RANGER ENERGY SVCS INC | COM CL A | |
| 75321W 10 3 | RANPAK HLDGS CORP | COM CL A | ADDED |
| 75321W 11 1 | RANPAK HLDGS CORP | *W EXP 06/03/202 | ADDED |
| 753422 10 4 * | RAPID7 INC | COM | |
| 753422 90 4 | RAPID7 INC | CALL | |
| 753422 95 4 | RAPID7 INC | PUT | |
| 75419T 10 3 * | RATTLER MIDSTREAM LP | COM UNITS | ADDED |
| 75419T 90 3 | RATTLER MIDSTREAM LP | CALL | ADDED |
| 75419T 95 3 | RATTLER MIDSTREAM LP | PUT | ADDED |
| 754198 10 9 * | RAVE RESTAURANT GROUP INC | COM | |
| 754198 90 9 | RAVE RESTAURANT GROUP INC | CALL | |
| 754198 95 9 | RAVE RESTAURANT GROUP INC | PUT | |
| 754212 10 8 * | RAVEN INDS INC | COM | |
| 754212 90 8 | RAVEN INDS INC | CALL | |
| 754212 95 8 | RAVEN INDS INC | PUT | |
| 754730 10 9 * | RAYMOND JAMES FINANCIAL INC | COM | |
| 754730 90 9 | RAYMOND JAMES FINANCIAL INC | CALL | |
| 754730 95 9 | RAYMOND JAMES FINANCIAL INC | PUT | |
| 754907 10 3 * | RAYONIER INC | COM | |
| 754907 90 3 | RAYONIER INC | CALL | |
| 754907 95 3 | RAYONIER INC | PUT | |
| 75508B 10 4 * | RAYONIER ADVANCED MATLS INC | COM | |
| 75508B 90 4 | RAYONIER ADVANCED MATLS INC | CALL | |
| 75508B 95 4 | RAYONIER ADVANCED MATLS INC | PUT | |
| 75508B 20 3 | RAYONIER ADVANCED MATLS INC | PFD CV SER A | |
| 755111 50 7 * | RAYTHEON CO | COM NEW | |
| 755111 90 7 | RAYTHEON CO | CALL | |
| 755111 95 7 | RAYTHEON CO | PUT | |
| 75524B 10 4 * | RBC BEARINGS INC | COM | |
| 75524B 90 4 | RBC BEARINGS INC | CALL | |
| 75524B 95 4 | RBC BEARINGS INC | PUT | |
| 75524W 10 8 * | RE MAX HLDGS INC | CL A | |
| 75524W 90 8 | RE MAX HLDGS INC | CALL | |
| 75524W 95 8 | RE MAX HLDGS INC | PUT | |

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| 755408 10 1 * | READING INTERNATIONAL INC | CL A | |
| 755408 90 1 | READING INTERNATIONAL INC | CALL | |
| 755408 95 1 | READING INTERNATIONAL INC | PUT | |
| 755408 20 0 | READING INTERNATIONAL INC | CL B | |
| 75574U 10 1 | READY CAP CORP | COM | |
| 75574U 20 0 | READY CAP CORP | 7% CN SR NT 2023 | |
| 75605A 10 8 | REALITY SHS ETF TR | DIVS ETF | |
| 75605A 40 5 | REALITY SHS ETF TR | DIVCN LDRS ETF | |
| 75605A 50 4 | REALITY SHS ETF TR | DIVCN DIVD ETF | |
| 75605A 60 3 | REALITY SHS ETF TR | DIVCON DIV ETF | |
| 75605A 70 2 * | REALITY SHS ETF TR | NSD NXGN ECO ETF | |
| 75605A 90 2 | REALITY SHS ETF TR | CALL | |
| 75605A 95 2 | REALITY SHS ETF TR | PUT | |
| 75605A 80 1 | REALITY SHS ETF TR | NASDAQ NEXGEN | |
| 75605A 88 4 | REALITY SHS ETF TR | FUNDDSTRAT DQM | |
| 75605L 70 8 * | REALNETWORKS INC | COM NEW | |
| 75605L 90 8 | REALNETWORKS INC | CALL | |
| 75605L 95 8 | REALNETWORKS INC | PUT | |
| 75605Y 10 6 * | REALOGY HLDGS CORP | COM | |
| 75605Y 90 6 | REALOGY HLDGS CORP | CALL | |
| 75605Y 95 6 | REALOGY HLDGS CORP | PUT | |
| 75606L 10 3 | REALM THERAPEUTICS PLC | SPONSORED ADS | |
| 75606N AB 5 | REALPAGE INC | NOTE 1.500%11/1 | |
| 75606N 10 9 * | REALPAGE INC | COM | |
| 75606N 90 9 | REALPAGE INC | CALL | |
| 75606N 95 9 | REALPAGE INC | PUT | |
| 756109 10 4 * | REALTY INCOME CORP | COM | |
| 756109 90 4 | REALTY INCOME CORP | CALL | |
| 756109 95 4 | REALTY INCOME CORP | PUT | |
| 75615P 10 3 * | REATA PHARMACEUTICALS INC | CL A | |
| 75615P 90 3 | REATA PHARMACEUTICALS INC | CALL | |
| 75615P 95 3 | REATA PHARMACEUTICALS INC | PUT | |
| 756158 10 1 | REAVES UTIL INCOME FD | COM SH BEN INT | |
| 75629F 10 9 * | RECRO PHARMA INC | COM | |

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| 75629F 90 9 | RECRO PHARMA INC | CALL | |
| 75629F 95 9 | RECRO PHARMA INC | PUT | |
| 756577 AD 4 | RED HAT INC | NOTE 0.250%10/0 | |
| 756577 10 2 * | RED HAT INC | COM | |
| 756577 90 2 | RED HAT INC | CALL | |
| 756577 95 2 | RED HAT INC | PUT | |
| 756764 10 6 * | RED LION HOTELS CORP | COM | |
| 756764 90 6 | RED LION HOTELS CORP | CALL | |
| 756764 95 6 | RED LION HOTELS CORP | PUT | |
| 75686R 20 2 | RED RIVER BANCSHARES INC | COM | ADDED |
| 75689M 10 1 * | RED ROBIN GOURMET BURGERS IN | COM | |
| 75689M 90 1 | RED ROBIN GOURMET BURGERS IN | CALL | |
| 75689M 95 1 | RED ROBIN GOURMET BURGERS IN | PUT | |
| 75700L 10 8 * | RED ROCK RESORTS INC | CL A | |
| 75700L 90 8 | RED ROCK RESORTS INC | CALL | |
| 75700L 95 8 | RED ROCK RESORTS INC | PUT | |
| 75704L 10 4 | RED VIOLET INC | COM | |
| 75737F AA 6 | REDFIN CORP | NOTE 1.750% 7/1 | |
| 75737F 10 8 * | REDFIN CORP | COM | |
| 75737F 90 8 | REDFIN CORP | CALL | |
| 75737F 95 8 | REDFIN CORP | PUT | |
| 757468 10 3 * | REDHILL BIOPHARMA LTD | SPONSORED ADS | |
| 757468 90 3 | REDHILL BIOPHARMA LTD | CALL | |
| 757468 95 3 | REDHILL BIOPHARMA LTD | PUT | |
| 758075 AC 9 | REDWOOD TR INC | NOTE 4.750% 8/1 | |
| 758075 AD 7 | REDWOOD TR INC | NOTE 5.625% 7/1 | |
| 758075 40 2 * | REDWOOD TR INC | COM | |
| 758075 90 2 | REDWOOD TR INC | CALL | |
| 758075 95 2 | REDWOOD TR INC | PUT | |
| 758338 10 7 * | REEDS INC | COM | |
| 758338 90 7 | REEDS INC | CALL | |
| 758338 95 7 | REEDS INC | PUT | |
| 758750 10 3 * | REGAL BELOIT CORP | COM | |
| 758750 90 3 | REGAL BELOIT CORP | CALL | |

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| 758750 95 3 | REGAL BELOIT CORP | PUT | |
| 758849 10 3 * | REGENCY CTRS CORP | COM | |
| 758849 90 3 | REGENCY CTRS CORP | CALL | |
| 758849 95 3 | REGENCY CTRS CORP | PUT | |
| 75886F 10 7 * | REGENERON PHARMACEUTICALS | COM | |
| 75886F 90 7 | REGENERON PHARMACEUTICALS | CALL | |
| 75886F 95 7 | REGENERON PHARMACEUTICALS | PUT | |
| 758932 10 7 * | REGIS CORP MINN | COM | |
| 758932 90 7 | REGIS CORP MINN | CALL | |
| 758932 95 7 | REGIS CORP MINN | PUT | |
| 75901B 10 7 * | REGENXBIO INC | COM | |
| 75901B 90 7 | REGENXBIO INC | CALL | |
| 75901B 95 7 | REGENXBIO INC | PUT | |
| 75902K 10 6 * | REGIONAL MGMT CORP | COM | |
| 75902K 90 6 | REGIONAL MGMT CORP | CALL | |
| 75902K 95 6 | REGIONAL MGMT CORP | PUT | |
| 75903M 30 9 | REGIONAL HEALTH PPTYS INC | COM | |
| 7591EP 10 0 * | REGIONS FINL CORP NEW | COM | |
| 7591EP 90 0 | REGIONS FINL CORP NEW | CALL | |
| 7591EP 95 0 | REGIONS FINL CORP NEW | PUT | |
| 75915K 20 0 * | REGULUS THERAPEUTICS INC | COM NEW | |
| 75915K 90 0 | REGULUS THERAPEUTICS INC | CALL | |
| 75915K 95 0 | REGULUS THERAPEUTICS INC | PUT | |
| 759351 60 4 * | REINSURANCE GRP OF AMERICA I | COM NEW | |
| 759351 90 4 | REINSURANCE GRP OF AMERICA I | CALL | |
| 759351 95 4 | REINSURANCE GRP OF AMERICA I | PUT | |
| 759419 10 4 | REKOR SYS INC | COM | ADDED |
| 759509 10 2 * | RELIANCE STEEL & ALUMINUM CO | COM | |
| 759509 90 2 | RELIANCE STEEL & ALUMINUM CO | CALL | |
| 759509 95 2 | RELIANCE STEEL & ALUMINUM CO | PUT | |
| 75952R 20 9 | RELIV INTL INC | COM NEW | |
| 759530 10 8 | RELX PLC | SPONSORED ADR | |
| 75955K 10 2 * | REMARK HLDGS INC | COM | |
| 75955K 90 2 | REMARK HLDGS INC | CALL | |

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| 75955K 95 2 | REMARK HLDGS INC | PUT | |
| 75956B 10 1 | RELIANT BANCORP INC | COM | |
| 75970E 10 7 * | RENASANT CORP | COM | |
| 75970E 90 7 | RENASANT CORP | CALL | |
| 75970E 95 7 | RENASANT CORP | PUT | |
| 75971T 30 1 * | RENESOLA LTD | SPONSORED ADS | |
| 75971T 90 1 | RENESOLA LTD | CALL | |
| 75971T 95 1 | RENESOLA LTD | PUT | |
| 75972A AA 1 | RENEWABLE ENERGY GROUP INC | NOTE 2.750% 6/1 | DELETED |
| 75972A AC 7 | RENEWABLE ENERGY GROUP INC | NOTE 4.000% 6/1 | |
| 75972A 30 1 * | RENEWABLE ENERGY GROUP INC | COM NEW | |
| 75972A 90 1 | RENEWABLE ENERGY GROUP INC | CALL | |
| 75972A 95 1 | RENEWABLE ENERGY GROUP INC | PUT | |
| 759720 10 5 | RENN FD INC | COM | |
| 759892 20 1 * | RENREN INC | SPON ADR A NEW | |
| 759892 90 1 | RENREN INC | CALL | |
| 759892 95 1 | RENREN INC | PUT | |
| 759916 AA 7 | REPLIGEN CORP | NOTE 2.125% 6/0 | |
| 759916 10 9 * | REPLIGEN CORP | COM | |
| 759916 90 9 | REPLIGEN CORP | CALL | |
| 759916 95 9 | REPLIGEN CORP | PUT | |
| 759937 20 4 * | RENAISSANCE CAP GREENWICH FD | IPO ETF | |
| 759937 90 4 | RENAISSANCE CAP GREENWICH FD | CALL | |
| 759937 95 4 | RENAISSANCE CAP GREENWICH FD | PUT | |
| 759937 30 3 | RENAISSANCE CAP GREENWICH FD | INTNTL IPO ETF | |
| 76009N 10 0 * | RENT A CTR INC NEW | COM | |
| 76009N 90 0 | RENT A CTR INC NEW | CALL | |
| 76009N 95 0 | RENT A CTR INC NEW | PUT | |
| 760281 20 4 * | REPUBLIC BANCORP KY | CL A | |
| 760281 90 4 | REPUBLIC BANCORP KY | CALL | |
| 760281 95 4 | REPUBLIC BANCORP KY | PUT | |
| 76029N 10 6 | REPLIMUNE GROUP INC | COM | |
| 760416 10 7 * | REPUBLIC FIRST BANCORP INC | COM | |
| 760416 90 7 | REPUBLIC FIRST BANCORP INC | CALL | |

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| 760416 95 7 | REPUBLIC FIRST BANCORP INC | PUT | |
| 760759 10 0 * | REPUBLIC SVCS INC | COM | |
| 760759 90 0 | REPUBLIC SVCS INC | CALL | |
| 760759 95 0 | REPUBLIC SVCS INC | PUT | |
| 760911 10 7 * | RESEARCH FRONTIERS INC | COM | |
| 760911 90 7 | RESEARCH FRONTIERS INC | CALL | |
| 760911 95 7 | RESEARCH FRONTIERS INC | PUT | |
| 761152 10 7 * | RESMED INC | COM | |
| 761152 90 7 | RESMED INC | CALL | |
| 761152 95 7 | RESMED INC | PUT | |
| 76117W 10 9 * | RESOLUTE FST PRODS INC | COM | |
| 76117W 90 9 | RESOLUTE FST PRODS INC | CALL | |
| 76117W 95 9 | RESOLUTE FST PRODS INC | PUT | |
| 76118L 10 2 * | RESONANT INC | COM | |
| 76118L 90 2 | RESONANT INC | CALL | |
| 76118L 95 2 | RESONANT INC | PUT | |
| 76118Y 10 4 * | RESIDEO TECHNOLOGIES INC | COM | |
| 76118Y 90 4 | RESIDEO TECHNOLOGIES INC | CALL | |
| 76118Y 95 4 | RESIDEO TECHNOLOGIES INC | PUT | |
| 76120W AB 0 | RESOURCE CAP CORP | NOTE 8.000% 1/1 | |
| 76120W AC 8 | RESOURCE CAP CORP | NOTE 4.500% 8/1 | |
| 76122Q 10 5 * | RESOURCES CONNECTION INC | COM | |
| 76122Q 90 5 | RESOURCES CONNECTION INC | CALL | |
| 76122Q 95 5 | RESOURCES CONNECTION INC | PUT | |
| 761283 AC 4 | RESTORATION HARDWARE HLDGS I | DBCV 7/1 | |
| 761283 AD 2 | RESTORATION HARDWARE HLDGS I | NOTE 6/1 | DELETED |
| 76129W 10 5 | RETRACTABLE TECHNOLOGIES INC | COM | |
| 761299 AB 2 | RETROPHIN INC | NOTE 2.500% 9/1 | |
| 761299 10 6 * | RETROPHIN INC | COM | |
| 761299 90 6 | RETROPHIN INC | CALL | |
| 761299 95 6 | RETROPHIN INC | PUT | |
| 76131D 10 3 * | RESTAURANT BRANDS INTL INC | COM | |
| 76131D 90 3 | RESTAURANT BRANDS INTL INC | CALL | |
| 76131D 95 3 | RESTAURANT BRANDS INTL INC | PUT | |

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| 76131N 10 1 * | RETAIL OPPORTUNITY INVTS COR | COM | |
| 76131N 90 1 | RETAIL OPPORTUNITY INVTS COR | CALL | |
| 76131N 95 1 | RETAIL OPPORTUNITY INVTS COR | PUT | |
| 76131V 20 2 * | RETAIL PPTYS AMER INC | CL A | |
| 76131V 90 2 | RETAIL PPTYS AMER INC | CALL | |
| 76131V 95 2 | RETAIL PPTYS AMER INC | PUT | |
| 76133C 10 3 | RESTORATION ROBOTICS INC | COM | |
| 76133L 10 3 | RESTORBIO INC | COM | |
| 76133Q 10 2 | RETAIL VALUE INC | COM | |
| 761330 10 9 * | REVANCE THERAPEUTICS INC | COM | |
| 761330 90 9 | REVANCE THERAPEUTICS INC | CALL | |
| 761330 95 9 | REVANCE THERAPEUTICS INC | PUT | |
| 761378 20 7 | REVEN HSG REIT INC | COM NEW | |
| 761525 60 9 * | REVLON INC | CL A NEW | |
| 761525 90 9 | REVLON INC | CALL | |
| 761525 95 9 | REVLON INC | PUT | |
| 76155G 20 6 * | REVOLUTION LIGHTING TECHNOLO | COM NEW | |
| 76155G 90 6 | REVOLUTION LIGHTING TECHNOLO | CALL | |
| 76155G 95 6 | REVOLUTION LIGHTING TECHNOLO | PUT | |
| 76156B 10 7 * | REVOLVE GROUP INC | CL A | ADDED |
| 76156B 90 7 | REVOLVE GROUP INC | CALL | ADDED |
| 76156B 95 7 | REVOLVE GROUP INC | PUT | ADDED |
| 761624 10 5 | REX AMERICAN RESOURCES CORP | COM | |
| 761640 20 0 * | REXAHN PHARMACEUTICALS INC | COM NEW | DELETED |
| 761640 90 0 | REXAHN PHARMACEUTICALS INC | CALL | DELETED |
| 761640 95 0 | REXAHN PHARMACEUTICALS INC | PUT | DELETED |
| 761640 30 9 * | REXAHN PHARMACEUTICALS INC | COM | ADDED |
| 761640 90 9 | REXAHN PHARMACEUTICALS INC | CALL | ADDED |
| 761640 95 9 | REXAHN PHARMACEUTICALS INC | PUT | ADDED |
| 76169B 10 2 * | REXNORD CORP NEW | COM | |
| 76169B 90 2 | REXNORD CORP NEW | CALL | |
| 76169B 95 2 | REXNORD CORP NEW | PUT | |
| 76169C 10 0 * | REXFORD INDL RLTY INC | COM | |
| 76169C 90 0 | REXFORD INDL RLTY INC | CALL | |

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| 76169C 95 0 | REXFORD INDL RLTY INC | PUT | |
| 762093 10 2 | RHINEBECK BANCORP INC | COM | |
| 76243J 10 5 * | RHYTHM PHARMACEUTICALS INC | COM | |
| 76243J 90 5 | RHYTHM PHARMACEUTICALS INC | CALL | |
| 76243J 95 5 | RHYTHM PHARMACEUTICALS INC | PUT | |
| 762544 10 4 * | RIBBON COMMUNICATIONS INC | COM | |
| 762544 90 4 | RIBBON COMMUNICATIONS INC | CALL | |
| 762544 95 4 | RIBBON COMMUNICATIONS INC | PUT | |
| 762831 20 4 | RICEBRAN TECHNOLOGIES | COM NEW | |
| 763165 10 7 * | RICHARDSON ELECTRS LTD | COM | |
| 763165 90 7 | RICHARDSON ELECTRS LTD | CALL | |
| 763165 95 7 | RICHARDSON ELECTRS LTD | PUT | |
| 766559 60 3 * | RIGEL PHARMACEUTICALS INC | COM NEW | |
| 766559 90 3 | RIGEL PHARMACEUTICALS INC | CALL | |
| 766559 95 3 | RIGEL PHARMACEUTICALS INC | PUT | |
| 766582 10 0 * | RIGNET INC | COM | |
| 766582 90 0 | RIGNET INC | CALL | |
| 766582 95 0 | RIGNET INC | PUT | |
| 76674Q 10 7 | RIMINI STR INC DEL | COM | |
| 76680R AD 9 | RINGCENTRAL INC | NOTE | 3/1 |
| 76680R 20 6 * | RINGCENTRAL INC | CL A | |
| 76680R 90 6 | RINGCENTRAL INC | CALL | |
| 76680R 95 6 | RINGCENTRAL INC | PUT | |
| 76680V 10 8 * | RING ENERGY INC | COM | |
| 76680V 90 8 | RING ENERGY INC | CALL | |
| 76680V 95 8 | RING ENERGY INC | PUT | |
| 767204 10 0 * | RIO TINTO PLC | SPONSORED ADR | |
| 767204 90 0 | RIO TINTO PLC | CALL | |
| 767204 95 0 | RIO TINTO PLC | PUT | |
| 767292 10 5 * | RIOT BLOCKCHAIN INC | COM | |
| 767292 90 5 | RIOT BLOCKCHAIN INC | CALL | |
| 767292 95 5 | RIOT BLOCKCHAIN INC | PUT | |
| 76761L 10 2 * | RISE ED CAYMAN LTD | SPONSORED ADR | |
| 76761L 90 2 | RISE ED CAYMAN LTD | CALL | |

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| 76761L 95 2 | RISE ED CAYMAN LTD | PUT | |
| 767744 10 5 * | RITCHIE BROS AUCTIONEERS | COM | |
| 767744 90 5 | RITCHIE BROS AUCTIONEERS | CALL | |
| 767744 95 5 | RITCHIE BROS AUCTIONEERS | PUT | |
| 767754 10 4 * | RITE AID CORP | COM | DELETED |
| 767754 90 4 | RITE AID CORP | CALL | DELETED |
| 767754 95 4 | RITE AID CORP | PUT | DELETED |
| 767754 87 2 * | RITE AID CORP | COM | ADDED |
| 767754 90 2 | RITE AID CORP | CALL | ADDED |
| 767754 95 2 | RITE AID CORP | PUT | ADDED |
| 767836 30 7 | RITTER PHARMACEUTICALS INC | COM NEW | |
| 76881Y 10 9 | RIVERNORTH OPPRTUNITIES FD I | COM | |
| 76882B 10 8 | RIVERNORTH MARKETPLACE LENDI | COM | ADDED |
| 76882G 10 7 | RIVERNORTH DOUBLELINE STRATE | COM | |
| 76883F 10 8 | RIVERNORTH OPPORTUNISTIC MUN | COM | |
| 769397 10 0 * | RIVERVIEW BANCORP INC | COM | |
| 769397 90 0 | RIVERVIEW BANCORP INC | CALL | |
| 769397 95 0 | RIVERVIEW BANCORP INC | PUT | |
| 76940Q 10 5 | RIVERVIEW FINL CORP NEW | COM | |
| 76970B 10 1 | RMR REAL ESTATE INCOME FUND | COM | |
| 76973Q 10 5 * | ROADRUNNER TRANSN SYS INC | COM | DELETED |
| 76973Q 90 5 | ROADRUNNER TRANSN SYS INC | CALL | DELETED |
| 76973Q 95 5 | ROADRUNNER TRANSN SYS INC | PUT | DELETED |
| 76973Q 20 4 * | ROADRUNNER TRANSN SYS INC | COM NEW | ADDED |
| 76973Q 90 4 | ROADRUNNER TRANSN SYS INC | CALL | ADDED |
| 76973Q 95 4 | ROADRUNNER TRANSN SYS INC | PUT | ADDED |
| 769755 10 9 * | ROAN RES INC | CL A COM | |
| 769755 90 9 | ROAN RES INC | CALL | |
| 769755 95 9 | ROAN RES INC | PUT | |
| 770323 10 3 * | ROBERT HALF INTL INC | COM | |
| 770323 90 3 | ROBERT HALF INTL INC | CALL | |
| 770323 95 3 | ROBERT HALF INTL INC | PUT | |
| 77313F 10 6 * | ROCKET PHARMACEUTICALS INC | COM | |
| 77313F 90 6 | ROCKET PHARMACEUTICALS INC | CALL | |

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| 77313F 95 6 | ROCKET PHARMACEUTICALS INC | PUT | |
| 773903 10 9 * | ROCKWELL AUTOMATION INC | COM | |
| 773903 90 9 | ROCKWELL AUTOMATION INC | CALL | |
| 773903 95 9 | ROCKWELL AUTOMATION INC | PUT | |
| 774374 10 2 * | ROCKWELL MED INC | COM | |
| 774374 90 2 | ROCKWELL MED INC | CALL | |
| 774374 95 2 | ROCKWELL MED INC | PUT | |
| 774515 10 0 | ROCKY BRANDS INC | COM | |
| 77467X 10 1 | ROCKY MTN CHOCOLATE FACTORY | COM | |
| 775109 20 0 * | ROGERS COMMUNICATIONS INC | CL B | |
| 775109 90 0 | ROGERS COMMUNICATIONS INC | CALL | |
| 775109 95 0 | ROGERS COMMUNICATIONS INC | PUT | |
| 775133 10 1 * | ROGERS CORP | COM | |
| 775133 90 1 | ROGERS CORP | CALL | |
| 775133 95 1 | ROGERS CORP | PUT | |
| 77543R 10 2 * | ROKU INC | COM CL A | |
| 77543R 90 2 | ROKU INC | CALL | |
| 77543R 95 2 | ROKU INC | PUT | |
| 775711 10 4 * | ROLLINS INC | COM | |
| 775711 90 4 | ROLLINS INC | CALL | |
| 775711 95 4 | ROLLINS INC | PUT | |
| 776696 AA 4 | ROPER TECHNOLOGIES INC | FRNT | 1/1 DELETED |
| 776696 10 6 * | ROPER TECHNOLOGIES INC | COM | |
| 776696 90 6 | ROPER TECHNOLOGIES INC | CALL | |
| 776696 95 6 | ROPER TECHNOLOGIES INC | PUT | |
| 777385 10 5 | ROSEHILL RES INC | CL A | |
| 777385 11 3 | ROSEHILL RES INC | *W EXP 04/27/202 | |
| 777385 20 4 | ROSEHILL RES INC | UNIT 12/31/2020 | |
| 777780 10 7 * | ROSETTA STONE INC | COM | |
| 777780 90 7 | ROSETTA STONE INC | CALL | |
| 777780 95 7 | ROSETTA STONE INC | PUT | |
| 778296 10 3 * | ROSS STORES INC | COM | |
| 778296 90 3 | ROSS STORES INC | CALL | |
| 778296 95 3 | ROSS STORES INC | PUT | |

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| 779376 AD 4 | ROVI CORP | NOTE 0.500% 3/0 | |
| 780087 10 2 * | ROYAL BK CDA MONTREAL QUE | COM | |
| 780087 90 2 | ROYAL BK CDA MONTREAL QUE | CALL | |
| 780087 95 2 | ROYAL BK CDA MONTREAL QUE | PUT | |
| 780097 68 9 * | ROYAL BK SCOTLAND GROUP PLC | SPONS ADR 2 ORD | |
| 780097 90 9 | ROYAL BK SCOTLAND GROUP PLC | CALL | |
| 780097 95 9 | ROYAL BK SCOTLAND GROUP PLC | PUT | |
| 780259 10 7 * | ROYAL DUTCH SHELL PLC | SPON ADR B | |
| 780259 90 7 | ROYAL DUTCH SHELL PLC | CALL | |
| 780259 95 7 | ROYAL DUTCH SHELL PLC | PUT | |
| 780259 20 6 * | ROYAL DUTCH SHELL PLC | SPONS ADR A | |
| 780259 90 6 | ROYAL DUTCH SHELL PLC | CALL | |
| 780259 95 6 | ROYAL DUTCH SHELL PLC | PUT | |
| 780287 AA 6 | ROYAL GOLD INC | NOTE 2.875% 6/1 | DELETED |
| 780287 10 8 * | ROYAL GOLD INC | COM | |
| 780287 90 8 | ROYAL GOLD INC | CALL | |
| 780287 95 8 | ROYAL GOLD INC | PUT | |
| 78081T 10 4 | ROYCE GLOBAL VALUE TR INC | COM | |
| 780910 10 5 | ROYCE VALUE TR INC | COM | |
| 780915 10 4 | ROYCE MICRO-CAP TR INC | COM | |
| 78112T 20 6 * | RUBICON TECHNOLOGY INC | COM NEW | |
| 78112T 90 6 | RUBICON TECHNOLOGY INC | CALL | |
| 78112T 95 6 | RUBICON TECHNOLOGY INC | PUT | |
| 78112V 10 2 * | RUBICON PROJ INC | COM | |
| 78112V 90 2 | RUBICON PROJ INC | CALL | |
| 78112V 95 2 | RUBICON PROJ INC | PUT | |
| 78116T 10 3 * | RUBIUS THERAPEUTICS INC | COM | |
| 78116T 90 3 | RUBIUS THERAPEUTICS INC | CALL | |
| 78116T 95 3 | RUBIUS THERAPEUTICS INC | PUT | |
| 781270 10 3 * | RUDOLPH TECHNOLOGIES INC | COM | |
| 781270 90 3 | RUDOLPH TECHNOLOGIES INC | CALL | |
| 781270 95 3 | RUDOLPH TECHNOLOGIES INC | PUT | |
| 781314 10 9 | RUHNN HLDG LTD | ADS | ADDED |
| 781386 20 6 | RUMBLEON INC | CL B | |

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| 781846 20 9 * | RUSH ENTERPRISES INC | CL A | |
| 781846 90 9 | RUSH ENTERPRISES INC | CALL | |
| 781846 95 9 | RUSH ENTERPRISES INC | PUT | |
| 781846 30 8 | RUSH ENTERPRISES INC | CL B | |
| 783332 10 9 * | RUTHS HOSPITALITY GROUP INC | COM | |
| 783332 90 9 | RUTHS HOSPITALITY GROUP INC | CALL | |
| 783332 95 9 | RUTHS HOSPITALITY GROUP INC | PUT | |
| 783513 20 3 * | RYANAIR HLDGS PLC | SPONSORED ADS | |
| 783513 90 3 | RYANAIR HLDGS PLC | CALL | |
| 783513 95 3 | RYANAIR HLDGS PLC | PUT | |
| 783549 10 8 * | RYDER SYS INC | COM | |
| 783549 90 8 | RYDER SYS INC | CALL | |
| 783549 95 8 | RYDER SYS INC | PUT | |
| 783754 10 4 * | RYERSON HLDG CORP | COM | |
| 783754 90 4 | RYERSON HLDG CORP | CALL | |
| 783754 95 4 | RYERSON HLDG CORP | PUT | |
| 783764 AS 2 | RYLAND GROUP INC | NOTE 0.250% 6/0 | DELETED |
| 78377T 10 7 * | RYMAN HOSPITALITY PPTYS INC | COM | |
| 78377T 90 7 | RYMAN HOSPITALITY PPTYS INC | CALL | |
| 78377T 95 7 | RYMAN HOSPITALITY PPTYS INC | PUT | |
| 783859 10 1 * | S & T BANCORP INC | COM | |
| 783859 90 1 | S & T BANCORP INC | CALL | |
| 783859 95 1 | S & T BANCORP INC | PUT | |
| 78396V 10 9 | SCWORX CORP | COM | |
| 78408D 10 5 | SB FINL GROUP INC | COM | |
| 78408D 20 4 | SB FINL GROUP INC | DEP SHS PFD 6.5% | |
| 78409V 10 4 * | S&P GLOBAL INC | COM | |
| 78409V 90 4 | S&P GLOBAL INC | CALL | |
| 78409V 95 4 | S&P GLOBAL INC | PUT | |
| 78410G 10 4 * | SBA COMMUNICATIONS CORP NEW | CL A | |
| 78410G 90 4 | SBA COMMUNICATIONS CORP NEW | CALL | |
| 78410G 95 4 | SBA COMMUNICATIONS CORP NEW | PUT | |
| 784117 10 3 * | SEI INVESTMENTS CO | COM | |
| 784117 90 3 | SEI INVESTMENTS CO | CALL | |

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| 784117 95 3 | SEI INVESTMENTS CO | PUT | |
| 78413P 10 1 | SEACOR MARINE HLDGS INC | COM | |
| 78413T 10 3 | SB ONE BANCORP | COM | |
| 78418A 30 7 | SG BLOCKS INC | COM PAR | |
| 78425V 10 4 | SI FINL GROUP INC MD | COM | DELETED |
| 784305 10 4 * | SJW GROUP | COM | |
| 784305 90 4 | SJW GROUP | CALL | |
| 784305 95 4 | SJW GROUP | PUT | |
| 78440P 10 8 * | SK TELECOM LTD | SPONSORED ADR | |
| 78440P 90 8 | SK TELECOM LTD | CALL | |
| 78440P 95 8 | SK TELECOM LTD | PUT | |
| 78440X 10 1 * | SL GREEN RLTY CORP | COM | |
| 78440X 90 1 | SL GREEN RLTY CORP | CALL | |
| 78440X 95 1 | SL GREEN RLTY CORP | PUT | |
| 78442P 10 6 * | SLM CORP | COM | |
| 78442P 90 6 | SLM CORP | CALL | |
| 78442P 95 6 | SLM CORP | PUT | |
| 78454L AM 2 | SM ENERGY CO | NOTE 1.500% 7/0 | |
| 78454L 10 0 * | SM ENERGY CO | COM | |
| 78454L 90 0 | SM ENERGY CO | CALL | |
| 78454L 95 0 | SM ENERGY CO | PUT | |
| 78461U 10 1 * | SORL AUTO PTS INC | COM | |
| 78461U 90 1 | SORL AUTO PTS INC | CALL | |
| 78461U 95 1 | SORL AUTO PTS INC | PUT | |
| 78462F 10 3 * | SPDR S&P 500 ETF TR | TR UNIT | |
| 78462F 90 3 | SPDR S&P 500 ETF TR | CALL | |
| 78462F 95 3 | SPDR S&P 500 ETF TR | PUT | |
| 78463M 10 7 * | SPS COMMERCE INC | COM | |
| 78463M 90 7 | SPS COMMERCE INC | CALL | |
| 78463M 95 7 | SPS COMMERCE INC | PUT | |
| 78463V 10 7 * | SPDR GOLD TRUST | GOLD SHS | |
| 78463V 90 7 | SPDR GOLD TRUST | CALL | |
| 78463V 95 7 | SPDR GOLD TRUST | PUT | |
| 78463X 10 3 | SPDR INDEX SHS FDS | STOXX EUR 50 ETF | |

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|---------------|--------------------|--------------------|---------|
| 78463X 14 5 | SPDR INDEX SHS FDS | SOLACTV HK ETF | |
| 78463X 15 2 * | SPDR INDEX SHS FDS | S&P NORTH AMER | |
| 78463X 90 2 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 2 | SPDR INDEX SHS FDS | PUT | |
| 78463X 19 4 | SPDR INDEX SHS FDS | LOW CARBON ETF | |
| 78463X 20 2 * | SPDR INDEX SHS FDS | EURO STOXX 50 | |
| 78463X 90 2 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 2 | SPDR INDEX SHS FDS | PUT | |
| 78463X 21 0 | SPDR INDEX SHS FDS | MSCI CHINA ETF | DELETED |
| 78463X 30 1 * | SPDR INDEX SHS FDS | ASIA PACIF ETF | |
| 78463X 90 1 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 1 | SPDR INDEX SHS FDS | PUT | |
| 78463X 33 5 | SPDR INDEX SHS FDS | SOLACTIVE UK ETF | |
| 78463X 35 0 | SPDR INDEX SHS FDS | SOLACTIVE GERMNY | |
| 78463X 36 8 | SPDR INDEX SHS FDS | SOLACTIVE JAPAN | |
| 78463X 37 6 | SPDR INDEX SHS FDS | SOLACTIVE CANADA | |
| 78463X 39 2 | SPDR INDEX SHS FDS | EUR STOXX SMCP | |
| 78463X 40 0 * | SPDR INDEX SHS FDS | S&P CHINA ETF | |
| 78463X 90 0 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 0 | SPDR INDEX SHS FDS | PUT | |
| 78463X 41 8 | SPDR INDEX SHS FDS | MSCI WRLD STRGIC | |
| 78463X 42 6 | SPDR INDEX SHS FDS | MSCI EMRG MKTS | |
| 78463X 43 4 | SPDR INDEX SHS FDS | MSCI EAFE STRTGC | |
| 78463X 45 9 | SPDR INDEX SHS FDS | S&P GLBDIV ETF | |
| 78463X 47 5 | SPDR INDEX SHS FDS | MSCI ACWI ETF | |
| 78463X 50 9 * | SPDR INDEX SHS FDS | PORTFOLIO EMG MK | |
| 78463X 90 9 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 9 | SPDR INDEX SHS FDS | PUT | |
| 78463X 53 3 * | SPDR INDEX SHS FDS | S&P EM MKT DIV | |
| 78463X 90 3 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 3 | SPDR INDEX SHS FDS | PUT | |
| 78463X 54 1 * | SPDR INDEX SHS FDS | GLB NAT RESRCE | |
| 78463X 90 1 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 1 | SPDR INDEX SHS FDS | PUT | |

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| 78463X 74 9 * | SPDR INDEX SHS FDS | DJ GLB RL ES ETF | |
| 78463X 90 9 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 9 | SPDR INDEX SHS FDS | PUT | |
| 78463X 75 6 * | SPDR INDEX SHS FDS | S&P EMKTSC ETF | |
| 78463X 90 6 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 6 | SPDR INDEX SHS FDS | PUT | |
| 78463X 77 2 * | SPDR INDEX SHS FDS | S&P INTL ETF | |
| 78463X 90 2 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 2 | SPDR INDEX SHS FDS | PUT | |
| 78463X 84 8 * | SPDR INDEX SHS FDS | MSCI ACWI EXUS | |
| 78463X 90 8 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 8 | SPDR INDEX SHS FDS | PUT | |
| 78463X 85 5 * | SPDR INDEX SHS FDS | S&P GBLINF ETF | |
| 78463X 90 5 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 5 | SPDR INDEX SHS FDS | PUT | |
| 78463X 86 3 * | SPDR INDEX SHS FDS | DJ INTL RL ETF | |
| 78463X 90 3 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 3 | SPDR INDEX SHS FDS | PUT | |
| 78463X 87 1 * | SPDR INDEX SHS FDS | S&P INTL SMLCP | |
| 78463X 90 1 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 1 | SPDR INDEX SHS FDS | PUT | |
| 78463X 88 9 * | SPDR INDEX SHS FDS | PORTFOLIO DEVLDP | |
| 78463X 90 9 | SPDR INDEX SHS FDS | CALL | |
| 78463X 95 9 | SPDR INDEX SHS FDS | PUT | |
| 784635 10 4 * | SPX CORP | COM | |
| 784635 90 4 | SPX CORP | CALL | |
| 784635 95 4 | SPX CORP | PUT | |
| 78464A 10 2 | SPDR SERIES TRUST | NYSE TECH ETF | |
| 78464A 11 0 | SPDR SERIES TRUST | FACTST INV ETF | |
| 78464A 12 8 | SPDR SERIES TRUST | SPDR S&P1500VL | |
| 78464A 14 4 | SPDR SERIES TRUST | BLOMBRG BRC CORP | |
| 78464A 15 1 | SPDR SERIES TRUST | BLOMBRG BRC INTL | |
| 78464A 20 1 | SPDR SERIES TRUST | S&P 600 SMCP GRW | |
| 78464A 28 4 * | SPDR SERIES TRUST | NUV HGHYLD MUN | |

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| 78464A 90 4 | SPDR SERIES TRUST | CALL | |
| 78464A 95 4 | SPDR SERIES TRUST | PUT | |
| 78464A 29 2 | SPDR SERIES TRUST | WELLS FG PFD ETF | |
| 78464A 30 0 | SPDR SERIES TRUST | S&P 600 SMCP VAL | |
| 78464A 33 4 | SPDR SERIES TRUST | BLOMBERG BRC INT | |
| 78464A 35 9 * | SPDR SERIES TRUST | BLMBRG BRC CNVRT | |
| 78464A 90 9 | SPDR SERIES TRUST | CALL | |
| 78464A 95 9 | SPDR SERIES TRUST | PUT | |
| 78464A 36 7 | SPDR SERIES TRUST | PORTFOLIO LN COR | |
| 78464A 37 5 | SPDR SERIES TRUST | PORTFOLIO INTRMD | |
| 78464A 38 3 | SPDR SERIES TRUST | BLOMBERG BRC MRTG | |
| 78464A 39 1 * | SPDR SERIES TRUST | BLOMBERG BRC EMRG | |
| 78464A 90 1 | SPDR SERIES TRUST | CALL | |
| 78464A 95 1 | SPDR SERIES TRUST | PUT | |
| 78464A 40 9 * | SPDR SERIES TRUST | PRTFLO S&P500 GW | |
| 78464A 90 9 | SPDR SERIES TRUST | CALL | |
| 78464A 95 9 | SPDR SERIES TRUST | PUT | |
| 78464A 41 7 * | SPDR SERIES TRUST | BLOOMBERG BRCLYS | DELETED |
| 78464A 90 7 | SPDR SERIES TRUST | CALL | DELETED |
| 78464A 95 7 | SPDR SERIES TRUST | PUT | DELETED |
| 78464A 47 4 * | SPDR SERIES TRUST | PORTFOLIO SHORT | |
| 78464A 90 4 | SPDR SERIES TRUST | CALL | |
| 78464A 95 4 | SPDR SERIES TRUST | PUT | |
| 78464A 49 0 | SPDR SERIES TRUST | FTSE INT GVT ETF | |
| 78464A 50 8 * | SPDR SERIES TRUST | PRTFLO S&P500 VL | |
| 78464A 90 8 | SPDR SERIES TRUST | CALL | |
| 78464A 95 8 | SPDR SERIES TRUST | PUT | |
| 78464A 51 6 * | SPDR SERIES TRUST | BLOMBERG INTL TR | |
| 78464A 90 6 | SPDR SERIES TRUST | CALL | |
| 78464A 95 6 | SPDR SERIES TRUST | PUT | |
| 78464A 53 2 | SPDR SERIES TRUST | S&P TRANSN ETF | |
| 78464A 54 0 | SPDR SERIES TRUST | S&P TELECOM | |
| 78464A 57 3 | SPDR SERIES TRUST | HLTH CARE SVCS | |
| 78464A 58 1 * | SPDR SERIES TRUST | HLTH CR EQUIP | |

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| 78464A 90 1 | SPDR SERIES TRUST | CALL | |
| 78464A 95 1 | SPDR SERIES TRUST | PUT | |
| 78464A 59 9 | SPDR SERIES TRUST | COMP SOFTWARE | |
| 78464A 60 7 * | SPDR SERIES TRUST | DJ REIT ETF | |
| 78464A 90 7 | SPDR SERIES TRUST | CALL | |
| 78464A 95 7 | SPDR SERIES TRUST | PUT | |
| 78464A 63 1 * | SPDR SERIES TRUST | AEROSPACE DEF | |
| 78464A 90 1 | SPDR SERIES TRUST | CALL | |
| 78464A 95 1 | SPDR SERIES TRUST | PUT | |
| 78464A 64 9 | SPDR SERIES TRUST | PORTFOLIO AGRGTE | |
| 78464A 65 6 * | SPDR SERIES TRUST | BLOMBERG BRC TIPS | |
| 78464A 90 6 | SPDR SERIES TRUST | CALL | |
| 78464A 95 6 | SPDR SERIES TRUST | PUT | |
| 78464A 66 4 * | SPDR SERIES TRUST | PORTFOLIO LN TSR | |
| 78464A 90 4 | SPDR SERIES TRUST | CALL | |
| 78464A 95 4 | SPDR SERIES TRUST | PUT | |
| 78464A 67 2 * | SPDR SERIES TRUST | BLMBRG BRC INTRM | |
| 78464A 90 2 | SPDR SERIES TRUST | CALL | |
| 78464A 95 2 | SPDR SERIES TRUST | PUT | |
| 78464A 69 8 * | SPDR SERIES TRUST | S&P REGL BKG | |
| 78464A 90 8 | SPDR SERIES TRUST | CALL | |
| 78464A 95 8 | SPDR SERIES TRUST | PUT | |
| 78464A 70 6 * | SPDR SERIES TRUST | GLB DOW ETF | |
| 78464A 90 6 | SPDR SERIES TRUST | CALL | |
| 78464A 95 6 | SPDR SERIES TRUST | PUT | |
| 78464A 71 4 * | SPDR SERIES TRUST | S&P RETAIL ETF | |
| 78464A 90 4 | SPDR SERIES TRUST | CALL | |
| 78464A 95 4 | SPDR SERIES TRUST | PUT | |
| 78464A 72 2 * | SPDR SERIES TRUST | S&P PHARMAC | |
| 78464A 90 2 | SPDR SERIES TRUST | CALL | |
| 78464A 95 2 | SPDR SERIES TRUST | PUT | |
| 78464A 73 0 * | SPDR SERIES TRUST | S&P OILGAS EXP | |
| 78464A 90 0 | SPDR SERIES TRUST | CALL | |
| 78464A 95 0 | SPDR SERIES TRUST | PUT | |

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| 78464A 74 8 * | SPDR SERIES TRUST | OILGAS EQUIP | |
| 78464A 90 8 | SPDR SERIES TRUST | CALL | |
| 78464A 95 8 | SPDR SERIES TRUST | PUT | |
| 78464A 75 5 * | SPDR SERIES TRUST | S&P METALS MNG | |
| 78464A 90 5 | SPDR SERIES TRUST | CALL | |
| 78464A 95 5 | SPDR SERIES TRUST | PUT | |
| 78464A 76 3 * | SPDR SERIES TRUST | S&P DIVID ETF | |
| 78464A 90 3 | SPDR SERIES TRUST | CALL | |
| 78464A 95 3 | SPDR SERIES TRUST | PUT | |
| 78464A 77 1 * | SPDR SERIES TRUST | S&P CAP MKTS | |
| 78464A 90 1 | SPDR SERIES TRUST | CALL | |
| 78464A 95 1 | SPDR SERIES TRUST | PUT | |
| 78464A 78 9 * | SPDR SERIES TRUST | S&P INS ETF | |
| 78464A 90 9 | SPDR SERIES TRUST | CALL | |
| 78464A 95 9 | SPDR SERIES TRUST | PUT | |
| 78464A 79 7 * | SPDR SERIES TRUST | S&P BK ETF | |
| 78464A 90 7 | SPDR SERIES TRUST | CALL | |
| 78464A 95 7 | SPDR SERIES TRUST | PUT | |
| 78464A 80 5 * | SPDR SERIES TRUST | PORTFOLIO TL STK | |
| 78464A 90 5 | SPDR SERIES TRUST | CALL | |
| 78464A 95 5 | SPDR SERIES TRUST | PUT | |
| 78464A 81 3 * | SPDR SERIES TRUST | S&P 600 SML CAP | |
| 78464A 90 3 | SPDR SERIES TRUST | CALL | |
| 78464A 95 3 | SPDR SERIES TRUST | PUT | |
| 78464A 82 1 * | SPDR SERIES TRUST | S&P 400 MDCP GRW | |
| 78464A 90 1 | SPDR SERIES TRUST | CALL | |
| 78464A 95 1 | SPDR SERIES TRUST | PUT | |
| 78464A 83 9 * | SPDR SERIES TRUST | S&P 400 MDCP VAL | |
| 78464A 90 9 | SPDR SERIES TRUST | CALL | |
| 78464A 95 9 | SPDR SERIES TRUST | PUT | |
| 78464A 84 7 * | SPDR SERIES TRUST | PORTFOLIO MD ETF | |
| 78464A 90 7 | SPDR SERIES TRUST | CALL | |
| 78464A 95 7 | SPDR SERIES TRUST | PUT | |
| 78464A 85 4 * | SPDR SERIES TRUST | PORTFOLIO LR ETF | |

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| 78464A 90 4 | SPDR SERIES TRUST | CALL | |
| 78464A 95 4 | SPDR SERIES TRUST | PUT | |
| 78464A 86 2 * | SPDR SERIES TRUST | S&P SEMICNDCTR | |
| 78464A 90 2 | SPDR SERIES TRUST | CALL | |
| 78464A 95 2 | SPDR SERIES TRUST | PUT | |
| 78464A 87 0 * | SPDR SERIES TRUST | S&P BIOTECH | |
| 78464A 90 0 | SPDR SERIES TRUST | CALL | |
| 78464A 95 0 | SPDR SERIES TRUST | PUT | |
| 78464A 88 8 * | SPDR SERIES TRUST | S&P HOMEBUILD | |
| 78464A 90 8 | SPDR SERIES TRUST | CALL | |
| 78464A 95 8 | SPDR SERIES TRUST | PUT | |
| 78467J 10 0 * | SS&C TECHNOLOGIES HLDGS INC | COM | |
| 78467J 90 0 | SS&C TECHNOLOGIES HLDGS INC | CALL | |
| 78467J 95 0 | SS&C TECHNOLOGIES HLDGS INC | PUT | |
| 78467V 10 3 | SSGA ACTIVE ETF TR | MULT ASS RLRTN | |
| 78467V 20 2 | SSGA ACTIVE ETF TR | INCOM ALLO ETF | |
| 78467V 40 0 | SSGA ACTIVE ETF TR | GLOBL ALLO ETF | |
| 78467V 60 8 | SSGA ACTIVE ETF TR | BLKSTN GSOSRLN | |
| 78467V 70 7 | SSGA ACTIVE ETF TR | ULT SHT TRM BD | |
| 78467V 80 6 | SSGA ACTIVE ETF TR | MFS SYS COR EQ | |
| 78467V 84 8 | SSGA ACTIVE ETF TR | SPDR TR TACTIC | |
| 78467V 87 1 | SSGA ACTIVE ETF TR | MFS SYS VAL EQ | |
| 78467V 88 9 | SSGA ACTIVE ETF TR | MFS SYS GWT EQ | |
| 78467X 10 9 * | SPDR DOW JONES INDL AVRG ETF | UT SER 1 | |
| 78467X 90 9 | SPDR DOW JONES INDL AVRG ETF | CALL | |
| 78467X 95 9 | SPDR DOW JONES INDL AVRG ETF | PUT | |
| 78467Y 10 7 * | SPDR S&P MIDCAP 400 ETF TR | UTSER1 S&PDCRP | |
| 78467Y 90 7 | SPDR S&P MIDCAP 400 ETF TR | CALL | |
| 78467Y 95 7 | SPDR S&P MIDCAP 400 ETF TR | PUT | |
| 78468R 10 1 | SPDR SERIES TRUST | PORTFOLIO SH TSR | |
| 78468R 11 9 | SPDR SERIES TRUST | S&P TECH HARDWRE | |
| 78468R 12 7 | SPDR SERIES TRUST | S&P INTERNET ETF | |
| 78468R 20 0 | SPDR SERIES TRUST | BLOMBERG BRC INV | |
| 78468R 40 8 * | SPDR SERIES TRUST | BLOOMBERG SRT TR | |

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| 78468R 90 8 | SPDR SERIES TRUST | CALL | |
| 78468R 95 8 | SPDR SERIES TRUST | PUT | |
| 78468R 60 6 | SPDR SERIES TRUST | ICE BOFAML BHYB | |
| 78468R 62 2 * | SPDR SERIES TRUST | BLOOMBERG BRCLYS | ADDED |
| 78468R 90 2 | SPDR SERIES TRUST | CALL | ADDED |
| 78468R 95 2 | SPDR SERIES TRUST | PUT | ADDED |
| 78468R 63 0 | SPDR SERIES TRUST | S&P KENSHO FINAL | |
| 78468R 64 8 | SPDR SERIES TRUST | S&P KENSHO NEW | |
| 78468R 65 5 | SPDR SERIES TRUST | S&P KENSHO CLEAN | |
| 78468R 66 3 * | SPDR SERIES TRUST | SPDR BLOOMBERG | |
| 78468R 90 3 | SPDR SERIES TRUST | CALL | |
| 78468R 95 3 | SPDR SERIES TRUST | PUT | |
| 78468R 67 1 | SPDR SERIES TRUST | S&P KENSHO FUTRE | |
| 78468R 68 9 | SPDR SERIES TRUST | S&P KENSHO SMART | |
| 78468R 69 7 | SPDR SERIES TRUST | S&P KENSHO INTLG | |
| 78468R 70 5 | SPDR SERIES TRUST | S&P1500MOMTILT | |
| 78468R 71 3 | SPDR SERIES TRUST | DORSEY WRGT FI | |
| 78468R 72 1 * | SPDR SERIES TRUST | NUVEEN BRC MUNIC | |
| 78468R 90 1 | SPDR SERIES TRUST | CALL | |
| 78468R 95 1 | SPDR SERIES TRUST | PUT | |
| 78468R 73 9 | SPDR SERIES TRUST | NUVEEN BLMBRG SR | |
| 78468R 74 7 | SPDR SERIES TRUST | SSGA GNDER ETF | |
| 78468R 75 4 | SPDR SERIES TRUST | RUSSELL LOW VOL | |
| 78468R 76 2 | SPDR SERIES TRUST | RUSSELL MOMENTUM | |
| 78468R 77 0 | SPDR SERIES TRUST | RUSSELL YIELD | |
| 78468R 78 8 | SPDR SERIES TRUST | PRTFLO S&P500 HI | |
| 78468R 79 6 | SPDR SERIES TRUST | SPDR S&P 500 ETF | |
| 78468R 80 4 | SPDR SERIES TRUST | SSGA US LRG ETF | |
| 78468R 81 2 | SPDR SERIES TRUST | MSCI USA STRTGIC | |
| 78468R 82 0 | SPDR SERIES TRUST | S&P 500 BUYBCK | |
| 78468R 85 3 * | SPDR SERIES TRUST | PORTFOLIO SM ETF | |
| 78468R 90 3 | SPDR SERIES TRUST | CALL | |
| 78468R 95 3 | SPDR SERIES TRUST | PUT | |
| 78468R 86 1 | SPDR SERIES TRUST | BLOMBERG 1 10 YR | |

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| 78468R 88 7 | SPDR SERIES TRUST | SSGA US SMAL ETF | |
| 78469C 10 3 * | SP PLUS CORP | COM | |
| 78469C 90 3 | SP PLUS CORP | CALL | |
| 78469C 95 3 | SP PLUS CORP | PUT | |
| 78469X 10 7 * | SPX FLOW INC | COM | |
| 78469X 90 7 | SPX FLOW INC | CALL | |
| 78469X 95 7 | SPX FLOW INC | PUT | |
| 78470E 10 6 | SPDR INDEX SHS FDS | MSCI EAFE FS ETF | |
| 78470E 20 5 | SPDR INDEX SHS FDS | MSCI EMR MKT ETF | |
| 78470P 20 0 | SSGA ACTIVE TR | SPDR DBLELN SHRT | |
| 78470P 30 9 | SSGA ACTIVE TR | SPDR DBLELN EMRG | |
| 78470P 40 8 | SSGA ACTIVE TR | SPDR SSGA US SCT | ADDED |
| 78470P 50 7 | SSGA ACTIVE TR | SPDR SSGA FXD | ADDED |
| 78470V 10 8 * | SRC ENERGY INC | COM | |
| 78470V 90 8 | SRC ENERGY INC | CALL | |
| 78470V 95 8 | SRC ENERGY INC | PUT | |
| 784730 10 3 * | SSR MNG INC | COM | |
| 784730 90 3 | SSR MNG INC | CALL | |
| 784730 95 3 | SSR MNG INC | PUT | |
| 78486Q 10 1 * | SVB FINL GROUP | COM | |
| 78486Q 90 1 | SVB FINL GROUP | CALL | |
| 78486Q 95 1 | SVB FINL GROUP | PUT | |
| 78489X 10 3 * | SVMK INC | COM | |
| 78489X 90 3 | SVMK INC | CALL | |
| 78489X 95 3 | SVMK INC | PUT | |
| 784933 10 3 | SPAR GROUP INC | COM | |
| 785135 10 4 * | S&W SEED CO | COM | |
| 785135 90 4 | S&W SEED CO | CALL | |
| 785135 95 4 | S&W SEED CO | PUT | |
| 78516C 10 6 | SABAN CAP ACQUISITION CORP | COM CL A | DELETED |
| 78516C 11 4 | SABAN CAP ACQUISITION CORP | *W EXP 09/21/202 | DELETED |
| 78516C 20 5 | SABAN CAP ACQUISITION CORP | UNIT 99/99/9999 | DELETED |
| 785688 10 2 | SABINE ROYALTY TR | UNIT BEN INT | |
| 78573L 10 6 * | SABRA HEALTH CARE REIT INC | COM | |

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| 78573L 90 6 | SABRA HEALTH CARE REIT INC | CALL | |
| 78573L 95 6 | SABRA HEALTH CARE REIT INC | PUT | |
| 78573M 10 4 * | SABRE CORP | COM | |
| 78573M 90 4 | SABRE CORP | CALL | |
| 78573M 95 4 | SABRE CORP | PUT | |
| 78590A 10 9 | SACHEM CAP CORP | COM | |
| 78636X 87 3 | SAEXPLORATION HLDGS INC | COM PAR | |
| 78643B 30 2 | SAFE T GROUP LTD | SPONSORED ADS | |
| 786449 20 7 * | SAFEGUARD SCIENTIFICS INC | COM NEW | |
| 786449 90 7 | SAFEGUARD SCIENTIFICS INC | CALL | |
| 786449 95 7 | SAFEGUARD SCIENTIFICS INC | PUT | |
| 78645L 10 0 * | SAFEHOLD INC | COM | |
| 78645L 90 0 | SAFEHOLD INC | CALL | |
| 78645L 95 0 | SAFEHOLD INC | PUT | |
| 78648T 10 0 * | SAFETY INS GROUP INC | COM | |
| 78648T 90 0 | SAFETY INS GROUP INC | CALL | |
| 78648T 95 0 | SAFETY INS GROUP INC | PUT | |
| 786598 30 0 | SAGA COMMUNICATIONS INC | CL A NEW | |
| 78667J 10 8 * | SAGE THERAPEUTICS INC | COM | |
| 78667J 90 8 | SAGE THERAPEUTICS INC | CALL | |
| 78667J 95 8 | SAGE THERAPEUTICS INC | PUT | |
| 78709Y 10 5 * | SAIA INC | COM | |
| 78709Y 90 5 | SAIA INC | CALL | |
| 78709Y 95 5 | SAIA INC | PUT | |
| 78781P 10 5 * | SAILPOINT TECHNLOGIES HLDGS I | COM | |
| 78781P 90 5 | SAILPOINT TECHNLOGIES HLDGS I | CALL | |
| 78781P 95 5 | SAILPOINT TECHNLOGIES HLDGS I | PUT | |
| 790148 10 0 * | ST JOE CO | COM | |
| 790148 90 0 | ST JOE CO | CALL | |
| 790148 95 0 | ST JOE CO | PUT | |
| 794093 10 4 * | SALEM MEDIA GROUP INC | CL A | |
| 794093 90 4 | SALEM MEDIA GROUP INC | CALL | |
| 794093 95 4 | SALEM MEDIA GROUP INC | PUT | |
| 79466L 30 2 * | SALESFORCE COM INC | COM | |

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| 79466L 90 2 | SALESFORCE COM INC | CALL | |
| 79466L 95 2 | SALESFORCE COM INC | PUT | |
| 79471V 10 5 | SALIENT MIDSTREAM & MLP FD | SH BEN INT | |
| 795226 10 9 | SALISBURY BANCORP INC | COM | |
| 79546E 10 4 * | SALLY BEAUTY HLDGS INC | COM | |
| 79546E 90 4 | SALLY BEAUTY HLDGS INC | CALL | |
| 79546E 95 4 | SALLY BEAUTY HLDGS INC | PUT | |
| 79590A 10 7 | SALT FDS TR | SALT LOW TRUBE | |
| 798241 10 5 * | SAN JUAN BASIN RTY TR | UNIT BEN INT | |
| 798241 90 5 | SAN JUAN BASIN RTY TR | CALL | |
| 798241 95 5 | SAN JUAN BASIN RTY TR | PUT | |
| 79971C 20 1 | SANCHEZ MIDSTREAM PARTNERS L | COM UNITS REP B | |
| 800013 10 4 * | SANDERSON FARMS INC | COM | |
| 800013 90 4 | SANDERSON FARMS INC | CALL | |
| 800013 95 4 | SANDERSON FARMS INC | PUT | |
| 80004C AF 8 | SANDISK CORP | NOTE 0.500%10/1 | |
| 80007A 10 2 * | SANDRIDGE PERMIAN TR | COM UNIT BEN INT | |
| 80007A 90 2 | SANDRIDGE PERMIAN TR | CALL | |
| 80007A 95 2 | SANDRIDGE PERMIAN TR | PUT | |
| 80007P 86 9 * | SANDRIDGE ENERGY INC | COM NEW | |
| 80007P 90 9 | SANDRIDGE ENERGY INC | CALL | |
| 80007P 95 9 | SANDRIDGE ENERGY INC | PUT | |
| 80007T 10 1 * | SANDRIDGE MISSISSIPPIAN TR I | UNIT BEN INT | |
| 80007T 90 1 | SANDRIDGE MISSISSIPPIAN TR I | CALL | |
| 80007T 95 1 | SANDRIDGE MISSISSIPPIAN TR I | PUT | |
| 80007V 10 6 * | SANDRIDGE MISSISSIPPIAN TR I | SH BEN INT | |
| 80007V 90 6 | SANDRIDGE MISSISSIPPIAN TR I | CALL | |
| 80007V 95 6 | SANDRIDGE MISSISSIPPIAN TR I | PUT | |
| 80013R 20 6 * | SANDSTORM GOLD LTD | COM NEW | |
| 80013R 90 6 | SANDSTORM GOLD LTD | CALL | |
| 80013R 95 6 | SANDSTORM GOLD LTD | PUT | |
| 800363 10 3 * | SANDY SPRING BANCORP INC | COM | |
| 800363 90 3 | SANDY SPRING BANCORP INC | CALL | |
| 800363 95 3 | SANDY SPRING BANCORP INC | PUT | |

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| 800422 10 7 * | SANFILIPPO JOHN B & SON INC | COM | |
| 800422 90 7 | SANFILIPPO JOHN B & SON INC | CALL | |
| 800422 95 7 | SANFILIPPO JOHN B & SON INC | PUT | |
| 800677 10 6 * | SANGAMO THERAPEUTICS INC | COM | |
| 800677 90 6 | SANGAMO THERAPEUTICS INC | CALL | |
| 800677 95 6 | SANGAMO THERAPEUTICS INC | PUT | |
| 80105N 10 5 * | SANOFI | SPONSORED ADR | |
| 80105N 90 5 | SANOFI | CALL | |
| 80105N 95 5 | SANOFI | PUT | |
| 80105N 11 3 * | SANOFI | RIGHT 12/31/2020 | |
| 80105N 90 3 | SANOFI | CALL | |
| 80105N 95 3 | SANOFI | PUT | |
| 801056 10 2 * | SANMINA CORPORATION | COM | |
| 801056 90 2 | SANMINA CORPORATION | CALL | |
| 801056 95 2 | SANMINA CORPORATION | PUT | |
| 80283M 10 1 * | SANTANDER CONSUMER USA HDG I | COM | |
| 80283M 90 1 | SANTANDER CONSUMER USA HDG I | CALL | |
| 80283M 95 1 | SANTANDER CONSUMER USA HDG I | PUT | |
| 803054 20 4 * | SAP SE | SPON ADR | |
| 803054 90 4 | SAP SE | CALL | |
| 803054 95 4 | SAP SE | PUT | |
| 80349A 20 8 | SARATOGA INVT CORP | COM NEW | |
| 803607 AB 6 | SAREPTA THERAPEUTICS INC | DCV 1.500%11/1 | |
| 803607 10 0 * | SAREPTA THERAPEUTICS INC | COM | |
| 803607 90 0 | SAREPTA THERAPEUTICS INC | CALL | |
| 803607 95 0 | SAREPTA THERAPEUTICS INC | PUT | |
| 803866 30 0 * | SASOL LTD | SPONSORED ADR | |
| 803866 90 0 | SASOL LTD | CALL | |
| 803866 95 0 | SASOL LTD | PUT | |
| 804395 10 1 | SAUL CTRS INC | COM | |
| 805111 10 1 * | SAVARA INC | COM | |
| 805111 90 1 | SAVARA INC | CALL | |
| 805111 95 1 | SAVARA INC | PUT | |
| 806037 10 7 * | SCANSOURCE INC | COM | |

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|---------------|------------------------------|--------------------|--------|
| 806037 90 7 | SCANSOURCE INC | CALL | |
| 806037 95 7 | SCANSOURCE INC | PUT | |
| 806407 10 2 * | HENRY SCHEIN INC | COM | |
| 806407 90 2 | HENRY SCHEIN INC | CALL | |
| 806407 95 2 | HENRY SCHEIN INC | PUT | |
| 806857 10 8 * | SCHLUMBERGER LTD | COM | |
| 806857 90 8 | SCHLUMBERGER LTD | CALL | |
| 806857 95 8 | SCHLUMBERGER LTD | PUT | |
| 806870 20 0 | SCHMITT INDS INC ORE | COM NEW | |
| 806882 10 6 * | SCHNITZER STL INDS | CL A | |
| 806882 90 6 | SCHNITZER STL INDS | CALL | |
| 806882 95 6 | SCHNITZER STL INDS | PUT | |
| 80689H 10 2 * | SCHNEIDER NATIONAL INC | CL B | |
| 80689H 90 2 | SCHNEIDER NATIONAL INC | CALL | |
| 80689H 95 2 | SCHNEIDER NATIONAL INC | PUT | |
| 80706P 10 3 | SCHOLAR ROCK HLDG CORP | COM | |
| 807066 10 5 * | SCHOLASTIC CORP | COM | |
| 807066 90 5 | SCHOLASTIC CORP | CALL | |
| 807066 95 5 | SCHOLASTIC CORP | PUT | |
| 80821R 10 9 | SCHULTZE SPL PURP ACQUSTN CO | COM | |
| 80821R 11 7 | SCHULTZE SPL PURP ACQUSTN CO | *W EXP 12/31/202 | |
| 80821R 20 8 | SCHULTZE SPL PURP ACQUSTN CO | UNIT 12/31/2023 | |
| 808513 10 5 * | THE CHARLES SCHWAB CORPORATI | COM | |
| 808513 90 5 | THE CHARLES SCHWAB CORPORATI | CALL | |
| 808513 95 5 | THE CHARLES SCHWAB CORPORATI | PUT | |
| 808524 10 2 * | SCHWAB STRATEGIC TR | US BRD MKT ETF | |
| 808524 90 2 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 2 | SCHWAB STRATEGIC TR | PUT | |
| 808524 20 1 * | SCHWAB STRATEGIC TR | US LRG CAP ETF | |
| 808524 90 1 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 1 | SCHWAB STRATEGIC TR | PUT | |
| 808524 30 0 * | SCHWAB STRATEGIC TR | US LCAP GR ETF | |
| 808524 90 0 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 0 | SCHWAB STRATEGIC TR | PUT | |

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| 808524 40 9 * | SCHWAB STRATEGIC TR | US LCAP VA ETF | |
| 808524 90 9 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 9 | SCHWAB STRATEGIC TR | PUT | |
| 808524 50 8 * | SCHWAB STRATEGIC TR | US MID-CAP ETF | |
| 808524 90 8 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 8 | SCHWAB STRATEGIC TR | PUT | |
| 808524 60 7 * | SCHWAB STRATEGIC TR | US SML CAP ETF | |
| 808524 90 7 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 7 | SCHWAB STRATEGIC TR | PUT | |
| 808524 70 6 * | SCHWAB STRATEGIC TR | EMRG MKTEQ ETF | |
| 808524 90 6 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 6 | SCHWAB STRATEGIC TR | PUT | |
| 808524 72 2 | SCHWAB STRATEGIC TR | 1000 INDEX ETF | |
| 808524 73 0 * | SCHWAB STRATEGIC TR | SCHWB FDT EMK LG | |
| 808524 90 0 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 0 | SCHWAB STRATEGIC TR | PUT | |
| 808524 74 8 | SCHWAB STRATEGIC TR | SCHWB FDT INT SC | |
| 808524 75 5 * | SCHWAB STRATEGIC TR | SCHWB FDT INT LG | |
| 808524 90 5 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 5 | SCHWAB STRATEGIC TR | PUT | |
| 808524 76 3 * | SCHWAB STRATEGIC TR | SCHWAB FDT US SC | |
| 808524 90 3 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 3 | SCHWAB STRATEGIC TR | PUT | |
| 808524 77 1 * | SCHWAB STRATEGIC TR | SCHWAB FDT US LG | |
| 808524 90 1 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 1 | SCHWAB STRATEGIC TR | PUT | |
| 808524 78 9 | SCHWAB STRATEGIC TR | SCHWAB FDT US BM | |
| 808524 79 7 * | SCHWAB STRATEGIC TR | US DIVIDEND EQ | |
| 808524 90 7 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 7 | SCHWAB STRATEGIC TR | PUT | |
| 808524 80 5 * | SCHWAB STRATEGIC TR | INTL EQTY ETF | |
| 808524 90 5 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 5 | SCHWAB STRATEGIC TR | PUT | |
| 808524 83 9 | SCHWAB STRATEGIC TR | US AGGREGATE B | |

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| 808524 84 7 * | SCHWAB STRATEGIC TR | US REIT ETF | |
| 808524 90 7 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 7 | SCHWAB STRATEGIC TR | PUT | |
| 808524 85 4 * | SCHWAB STRATEGIC TR | INTRM TRM TRES | |
| 808524 90 4 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 4 | SCHWAB STRATEGIC TR | PUT | |
| 808524 86 2 * | SCHWAB STRATEGIC TR | SHT TM US TRES | |
| 808524 90 2 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 2 | SCHWAB STRATEGIC TR | PUT | |
| 808524 87 0 * | SCHWAB STRATEGIC TR | US TIPS ETF | |
| 808524 90 0 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 0 | SCHWAB STRATEGIC TR | PUT | |
| 808524 88 8 * | SCHWAB STRATEGIC TR | INTL SCEQT ETF | |
| 808524 90 8 | SCHWAB STRATEGIC TR | CALL | |
| 808524 95 8 | SCHWAB STRATEGIC TR | PUT | |
| 808541 10 6 * | SCHWEITZER-MAUDUIT INTL INC | COM | |
| 808541 90 6 | SCHWEITZER-MAUDUIT INTL INC | CALL | |
| 808541 95 6 | SCHWEITZER-MAUDUIT INTL INC | PUT | |
| 808625 10 7 * | SCIENCE APPLICATNS INTL CP N | COM | |
| 808625 90 7 | SCIENCE APPLICATNS INTL CP N | CALL | |
| 808625 95 7 | SCIENCE APPLICATNS INTL CP N | PUT | |
| 80874P 10 9 * | SCIENTIFIC GAMES CORP | COM | |
| 80874P 90 9 | SCIENTIFIC GAMES CORP | CALL | |
| 80874P 95 9 | SCIENTIFIC GAMES CORP | PUT | |
| 809087 10 9 * | SCIPLAY CORP | CL A | ADDED |
| 809087 90 9 | SCIPLAY CORP | CALL | ADDED |
| 809087 95 9 | SCIPLAY CORP | PUT | ADDED |
| 80918T AB 5 | SCORPIO TANKERS INC | NOTE 3.000% 5/1 | |
| 810186 10 6 * | SCOTTS MIRACLE GRO CO | CL A | |
| 810186 90 6 | SCOTTS MIRACLE GRO CO | CALL | |
| 810186 95 6 | SCOTTS MIRACLE GRO CO | PUT | |
| 810648 10 5 | SCPHARMACEUTICALS INC | COM | |
| 811054 40 2 * | SCRIPPS E W CO OHIO | CL A NEW | |
| 811054 90 2 | SCRIPPS E W CO OHIO | CALL | |

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| 811054 95 2 | SCRIPPS E W CO OHIO | PUT | |
| 811292 10 1 * | SCYNEXIS INC | COM | |
| 811292 90 1 | SCYNEXIS INC | CALL | |
| 811292 95 1 | SCYNEXIS INC | PUT | |
| 81141R AB 6 | SEA LTD | NOTE 2.250% 7/0 | ADDED |
| 81141R 10 0 * | SEA LTD | SPONSORED ADS | |
| 81141R 90 0 | SEA LTD | CALL | |
| 81141R 95 0 | SEA LTD | PUT | |
| 811543 10 7 | SEABOARD CORP | COM | |
| 811699 10 7 * | SEACHANGE INTL INC | COM | |
| 811699 90 7 | SEACHANGE INTL INC | CALL | |
| 811699 95 7 | SEACHANGE INTL INC | PUT | |
| 81170Y AB 5 | SEACOR HOLDINGS INC | NOTE 3.000%11/1 | |
| 811707 80 1 * | SEACOAST BKG CORP FLA | COM NEW | |
| 811707 90 1 | SEACOAST BKG CORP FLA | CALL | |
| 811707 95 1 | SEACOAST BKG CORP FLA | PUT | |
| 811904 AM 3 | SEACOR HOLDINGS INC | NOTE 2.500%12/1 | |
| 811904 AN 1 | SEACOR HOLDINGS INC | NOTE 3.250% 5/1 | |
| 811904 10 1 * | SEACOR HOLDINGS INC | COM | |
| 811904 90 1 | SEACOR HOLDINGS INC | CALL | |
| 811904 95 1 | SEACOR HOLDINGS INC | PUT | |
| 811916 10 5 * | SEABRIDGE GOLD INC | COM | |
| 811916 90 5 | SEABRIDGE GOLD INC | CALL | |
| 811916 95 5 | SEABRIDGE GOLD INC | PUT | |
| 81211K 10 0 * | SEALED AIR CORP NEW | COM | |
| 81211K 90 0 | SEALED AIR CORP NEW | CALL | |
| 81211K 95 0 | SEALED AIR CORP NEW | PUT | |
| 812362 10 1 * | SEARS HOMETOWN & OUTLET STOR | COM | |
| 812362 90 1 | SEARS HOMETOWN & OUTLET STOR | CALL | |
| 812362 95 1 | SEARS HOMETOWN & OUTLET STOR | PUT | |
| 81255T 10 8 * | SEASPINE HLDGS CORP | COM | |
| 81255T 90 8 | SEASPINE HLDGS CORP | CALL | |
| 81255T 95 8 | SEASPINE HLDGS CORP | PUT | |
| 812578 10 2 * | SEATTLE GENETICS INC | COM | |

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| 812578 90 2 | SEATTLE GENETICS INC | CALL | |
| 812578 95 2 | SEATTLE GENETICS INC | PUT | |
| 81282V 10 0 * | SEAWORLD ENTMT INC | COM | |
| 81282V 90 0 | SEAWORLD ENTMT INC | CALL | |
| 81282V 95 0 | SEAWORLD ENTMT INC | PUT | |
| 81362J 10 0 * | SECOND SIGHT MED PRODS INC | COM | |
| 81362J 90 0 | SECOND SIGHT MED PRODS INC | CALL | |
| 81362J 95 0 | SECOND SIGHT MED PRODS INC | PUT | |
| 81362J 11 8 | SECOND SIGHT MED PRODS INC | *W EXP 03/06/202 | |
| 81367P 10 1 * | SECOO HLDG LTD | ADR | |
| 81367P 90 1 | SECOO HLDG LTD | CALL | |
| 81367P 95 1 | SECOO HLDG LTD | PUT | |
| 81369Y 10 0 * | SELECT SECTOR SPDR TR | SBI MATERIALS | |
| 81369Y 90 0 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 0 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 20 9 * | SELECT SECTOR SPDR TR | SBI HEALTHCARE | |
| 81369Y 90 9 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 9 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 30 8 * | SELECT SECTOR SPDR TR | SBI CONS STPLS | |
| 81369Y 90 8 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 8 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 40 7 * | SELECT SECTOR SPDR TR | SBI CONS DISCR | |
| 81369Y 90 7 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 7 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 50 6 * | SELECT SECTOR SPDR TR | ENERGY | |
| 81369Y 90 6 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 6 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 60 5 * | SELECT SECTOR SPDR TR | SBI INT-FINL | |
| 81369Y 90 5 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 5 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 70 4 * | SELECT SECTOR SPDR TR | SBI INT-INDS | |
| 81369Y 90 4 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 4 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 80 3 * | SELECT SECTOR SPDR TR | TECHNOLOGY | |

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|---------------|------------------------------|--------------------|--------|
| 81369Y 90 3 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 3 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 85 2 * | SELECT SECTOR SPDR TR | COMMUNICATION | |
| 81369Y 90 2 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 2 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 86 0 * | SELECT SECTOR SPDR TR | RL EST SEL SEC | |
| 81369Y 90 0 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 0 | SELECT SECTOR SPDR TR | PUT | |
| 81369Y 88 6 * | SELECT SECTOR SPDR TR | SBI INT-UTILS | |
| 81369Y 90 6 | SELECT SECTOR SPDR TR | CALL | |
| 81369Y 95 6 | SELECT SECTOR SPDR TR | PUT | |
| 81374A 10 5 * | SECUREWORKS CORP | CL A | |
| 81374A 90 5 | SECUREWORKS CORP | CALL | |
| 81374A 95 5 | SECUREWORKS CORP | PUT | |
| 814785 30 9 | SECURITY NATL FINL CORP | CL A NEW | |
| 81577F 10 9 | SEELOS THERAPEUTICS INC | COM | |
| 816120 30 7 | SELECT INTERIOR CONCEPTS INC | CL A | |
| 81617J 30 1 * | SELECT ENERGY SVCS INC | CL A COM | |
| 81617J 90 1 | SELECT ENERGY SVCS INC | CALL | |
| 81617J 95 1 | SELECT ENERGY SVCS INC | PUT | |
| 81617L 10 8 | SELECT BANCORP INC NEW | COM | |
| 81619Q 10 5 * | SELECT MED HLDGS CORP | COM | |
| 81619Q 90 5 | SELECT MED HLDGS CORP | CALL | |
| 81619Q 95 5 | SELECT MED HLDGS CORP | PUT | |
| 816212 10 4 * | SELECTA BIOSCIENCES INC | COM | |
| 816212 90 4 | SELECTA BIOSCIENCES INC | CALL | |
| 816212 95 4 | SELECTA BIOSCIENCES INC | PUT | |
| 816300 10 7 * | SELECTIVE INS GROUP INC | COM | |
| 816300 90 7 | SELECTIVE INS GROUP INC | CALL | |
| 816300 95 7 | SELECTIVE INS GROUP INC | PUT | |
| 81642T 10 0 * | SELLAS LIFE SCIENCES GROUP I | COM | |
| 81642T 90 0 | SELLAS LIFE SCIENCES GROUP I | CALL | |
| 81642T 95 0 | SELLAS LIFE SCIENCES GROUP I | PUT | |
| 81663A 10 5 * | SEMGROUP CORP | CL A | |

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|---------------|-----------------------------|--------------------|---------|
| 81663A 90 5 | SEMGROUP CORP | CALL | |
| 81663A 95 5 | SEMGROUP CORP | PUT | |
| 81663N 20 6 * | SEMICONDUCTOR MFG INTL CORP | SPONSORED ADR | DELETED |
| 81663N 90 6 | SEMICONDUCTOR MFG INTL CORP | CALL | DELETED |
| 81663N 95 6 | SEMICONDUCTOR MFG INTL CORP | PUT | DELETED |
| 816645 20 4 | SEMILEDs CORP | COM NEW | |
| 816850 10 1 * | SEMTECH CORP | COM | |
| 816850 90 1 | SEMTECH CORP | CALL | |
| 816850 95 1 | SEMTECH CORP | PUT | |
| 816851 10 9 * | SEMPRA ENERGY | COM | |
| 816851 90 9 | SEMPRA ENERGY | CALL | |
| 816851 95 9 | SEMPRA ENERGY | PUT | |
| 816851 40 6 | SEMPRA ENERGY | 6% PFD CONV A | |
| 816851 50 5 | SEMPRA ENERGY | 6.75% CNV PFD B | |
| 817070 10 5 | SENECA FOODS CORP NEW | CL B | |
| 817070 50 1 | SENECA FOODS CORP NEW | CL A | |
| 81720R 10 9 | SENESTECH INC | COM | |
| 81721M 10 9 * | SENIOR HSG PPTYS TR | SH BEN INT | |
| 81721M 90 9 | SENIOR HSG PPTYS TR | CALL | |
| 81721M 95 9 | SENIOR HSG PPTYS TR | PUT | |
| 817225 10 5 | SENMIAO TECHNOLOGY LTD | COM | |
| 81725T 10 0 * | SENSIENT TECHNOLOGIES CORP | COM | |
| 81725T 90 0 | SENSIENT TECHNOLOGIES CORP | CALL | |
| 81725T 95 0 | SENSIENT TECHNOLOGIES CORP | PUT | |
| 81727U AA 3 | SENSEONICS HLDGS INC | NOTE 5.250% 2/0 | |
| 81727U 10 5 * | SENSEONICS HLDGS INC | COM | |
| 81727U 90 5 | SENSEONICS HLDGS INC | CALL | |
| 81727U 95 5 | SENSEONICS HLDGS INC | PUT | |
| 81728J 10 9 | SENSUS HEATHLCARE INC | COM | |
| 81728J 11 7 | SENSUS HEATHLCARE INC | *W EXP 06/08/202 | |
| 81728P 10 5 | SENTINEL ENERGY SVCS INC | CL A | |
| 81728P 11 3 | SENTINEL ENERGY SVCS INC | *W EXP 11/02/202 | |
| 81728P 20 4 | SENTINEL ENERGY SVCS INC | UNIT 99/99/9999 | |
| 817323 10 8 * | SEQUANS COMMUNICATIONS S A | SPONSORED ADS | |

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| 817323 90 8 | SEQUANS COMMUNICATIONS S A | CALL | |
| 817323 95 8 | SEQUANS COMMUNICATIONS S A | PUT | |
| 81734P 10 7 * | SEQUENTIAL BRNDS GROUP INC N | COM | |
| 81734P 90 7 | SEQUENTIAL BRNDS GROUP INC N | CALL | |
| 81734P 95 7 | SEQUENTIAL BRNDS GROUP INC N | PUT | |
| 81750R 10 2 * | SERES THERAPEUTICS INC | COM | |
| 81750R 90 2 | SERES THERAPEUTICS INC | CALL | |
| 81750R 95 2 | SERES THERAPEUTICS INC | PUT | |
| 81752R 10 0 * | SERITAGE GROWTH PPTYS | CL A | |
| 81752R 90 0 | SERITAGE GROWTH PPTYS | CALL | |
| 81752R 95 0 | SERITAGE GROWTH PPTYS | PUT | |
| 817565 10 4 * | SERVICE CORP INTL | COM | |
| 817565 90 4 | SERVICE CORP INTL | CALL | |
| 817565 95 4 | SERVICE CORP INTL | PUT | |
| 81761R 10 9 * | SERVICEMASTER GLOBAL HLDGS I | COM | |
| 81761R 90 9 | SERVICEMASTER GLOBAL HLDGS I | CALL | |
| 81761R 95 9 | SERVICEMASTER GLOBAL HLDGS I | PUT | |
| 81762P AC 6 | SERVICENOW INC | NOTE | 6/0 |
| 81762P 10 2 * | SERVICENOW INC | COM | |
| 81762P 90 2 | SERVICENOW INC | CALL | |
| 81762P 95 2 | SERVICENOW INC | PUT | |
| 81763U 10 0 * | SERVICESOURCE INTL INC | COM | |
| 81763U 90 0 | SERVICESOURCE INTL INC | CALL | |
| 81763U 95 0 | SERVICESOURCE INTL INC | PUT | |
| 81768T 10 8 * | SERVISFIRST BANCSHARES INC | COM | |
| 81768T 90 8 | SERVISFIRST BANCSHARES INC | CALL | |
| 81768T 95 8 | SERVISFIRST BANCSHARES INC | PUT | |
| 817732 10 0 | SERVOTRONICS INC | COM | |
| 817763 10 5 * | SESEN BIO INC | COM | |
| 817763 90 5 | SESEN BIO INC | CALL | |
| 817763 95 5 | SESEN BIO INC | PUT | |
| 81811M 10 0 | SEVERN BANCORP ANNAPOLIS MD | COM | |
| 819047 10 1 * | SHAKE SHACK INC | CL A | |
| 819047 90 1 | SHAKE SHACK INC | CALL | |

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|---------------|------------------------------|--------------------|--------|
| 819047 95 1 | SHAKE SHACK INC | PUT | |
| 820017 10 1 * | SHARPS COMPLIANCE CORP | COM | |
| 820017 90 1 | SHARPS COMPLIANCE CORP | CALL | |
| 820017 95 1 | SHARPS COMPLIANCE CORP | PUT | |
| 820054 10 4 | SHARPSRING INC | COM | |
| 82028K 20 0 * | SHAW COMMUNICATIONS INC | CL B CONV | |
| 82028K 90 0 | SHAW COMMUNICATIONS INC | CALL | |
| 82028K 95 0 | SHAW COMMUNICATIONS INC | PUT | |
| 822634 10 1 * | SHELL MIDSTREAM PARTNERS L P | UNIT LTD INT | |
| 822634 90 1 | SHELL MIDSTREAM PARTNERS L P | CALL | |
| 822634 95 1 | SHELL MIDSTREAM PARTNERS L P | PUT | |
| 82312B 10 6 * | SHENANDOAH TELECOMMUNICATION | COM | |
| 82312B 90 6 | SHENANDOAH TELECOMMUNICATION | CALL | |
| 82312B 95 6 | SHENANDOAH TELECOMMUNICATION | PUT | |
| 824348 10 6 * | SHERWIN WILLIAMS CO | COM | |
| 824348 90 6 | SHERWIN WILLIAMS CO | CALL | |
| 824348 95 6 | SHERWIN WILLIAMS CO | PUT | |
| 82452L 10 4 | SHIFTPIXY INC | COM | |
| 824543 10 2 * | SHILOH INDS INC | COM | |
| 824543 90 2 | SHILOH INDS INC | CALL | |
| 824543 95 2 | SHILOH INDS INC | PUT | |
| 824567 20 0 | SHINECO INC | COM NEW | |
| 824596 10 0 | SHINHAN FINANCIAL GROUP CO L | SPN ADR RESTRD | |
| 824689 AG 8 | SHIP FIN INTL LTD | NOTE 4.875% 5/0 | |
| 824889 10 9 * | SHOE CARNIVAL INC | COM | |
| 824889 90 9 | SHOE CARNIVAL INC | CALL | |
| 824889 95 9 | SHOE CARNIVAL INC | PUT | |
| 82489T 10 4 | SHOCKWAVE MED INC | COM | |
| 82509L 10 7 * | SHOPIFY INC | CL A | |
| 82509L 90 7 | SHOPIFY INC | CALL | |
| 82509L 95 7 | SHOPIFY INC | PUT | |
| 825107 10 5 | SHORE BANCSHARES INC | COM | |
| 82536T 10 7 | SHOTSPOTTER INC | COM | |
| 82568P 30 4 * | SHUTTERFLY INC | COM | |

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|---------------|------------------------------|--------------------|--------|
| 82568P 90 4 | SHUTTERFLY INC | CALL | |
| 82568P 95 4 | SHUTTERFLY INC | PUT | |
| 825690 10 0 * | SHUTTERSTOCK INC | COM | |
| 825690 90 0 | SHUTTERSTOCK INC | CALL | |
| 825690 95 0 | SHUTTERSTOCK INC | PUT | |
| 825704 10 9 | SI BONE INC | COM | |
| 825724 20 6 * | SIBANYE STILLWATER | SPONSORED ADR | |
| 825724 90 6 | SIBANYE STILLWATER | CALL | |
| 825724 95 6 | SIBANYE STILLWATER | PUT | |
| 826176 10 9 * | SIEBERT FINL CORP | COM | |
| 826176 90 9 | SIEBERT FINL CORP | CALL | |
| 826176 95 9 | SIEBERT FINL CORP | PUT | |
| 82620P 10 2 * | SIERRA BANCORP | COM | |
| 82620P 90 2 | SIERRA BANCORP | CALL | |
| 82620P 95 2 | SIERRA BANCORP | PUT | |
| 82621J 10 5 * | SIENTRA INC | COM | |
| 82621J 90 5 | SIENTRA INC | CALL | |
| 82621J 95 5 | SIENTRA INC | PUT | |
| 82622H 10 8 | SIENNA BIOPHARMACEUTICALS IN | COM | |
| 82639W 10 6 | SIERRA METALS INC | COM | |
| 82640U 10 7 * | SIERRA ONCOLOGY INC | COM | |
| 82640U 90 7 | SIERRA ONCOLOGY INC | CALL | |
| 82640U 95 7 | SIERRA ONCOLOGY INC | PUT | |
| 826516 10 6 * | SIERRA WIRELESS INC | COM | |
| 826516 90 6 | SIERRA WIRELESS INC | CALL | |
| 826516 95 6 | SIERRA WIRELESS INC | PUT | |
| 826546 10 3 | SIFCO INDS INC | COM | |
| 82655M 10 7 * | SIFY TECHNOLOGIES LIMITED | SPONSORED ADS | |
| 82655M 90 7 | SIFY TECHNOLOGIES LIMITED | CALL | |
| 82655M 95 7 | SIFY TECHNOLOGIES LIMITED | PUT | |
| 826598 11 2 | SIGMA LABS INC | *W EXP 02/15/202 | |
| 826598 30 2 | SIGMA LABS INC | COM PAR | |
| 82661L 10 1 | SIGMATRON INTL INC | COM | |
| 82669G 10 4 * | SIGNATURE BK NEW YORK N Y | COM | |

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| 82669G 90 4 | SIGNATURE BK NEW YORK N Y | CALL | |
| 82669G 95 4 | SIGNATURE BK NEW YORK N Y | PUT | |
| 826917 10 6 * | SIGA TECHNOLOGIES INC | COM | |
| 826917 90 6 | SIGA TECHNOLOGIES INC | CALL | |
| 826917 95 6 | SIGA TECHNOLOGIES INC | PUT | |
| 826919 AB 8 | SILICON LABORATORIES INC | NOTE 1.375% 3/0 | |
| 826919 10 2 * | SILICON LABORATORIES INC | COM | |
| 826919 90 2 | SILICON LABORATORIES INC | CALL | |
| 826919 95 2 | SILICON LABORATORIES INC | PUT | |
| 827048 10 9 * | SILGAN HOLDINGS INC | COM | |
| 827048 90 9 | SILGAN HOLDINGS INC | CALL | |
| 827048 95 9 | SILGAN HOLDINGS INC | PUT | |
| 82706C 10 8 * | SILICON MOTION TECHNOLOGY CO | SPONSORED ADR | |
| 82706C 90 8 | SILICON MOTION TECHNOLOGY CO | CALL | |
| 82706C 95 8 | SILICON MOTION TECHNOLOGY CO | PUT | |
| 82710M 10 0 | SILK ROAD MEDICAL INC | COM | ADDED |
| 82823L AC 0 | SILVER STD RES INC | NOTE 2.875% 2/0 | |
| 82835P 10 3 * | SILVERCORP METALS INC | COM | |
| 82835P 90 3 | SILVERCORP METALS INC | CALL | |
| 82835P 95 3 | SILVERCORP METALS INC | PUT | |
| 828359 10 9 | SILVERCREST ASSET MGMT GROUP | CL A | |
| 82836G 10 2 | SILVERBOW RES INC | COM | |
| 828363 10 1 | SILVERCREST METALS INC | COM | |
| 82846H 20 7 | SILVERSUN TECHNOLOGIES INC | COM NEW | |
| 828730 20 0 * | SIMMONS 1ST NATL CORP | CL A \$1 PAR | |
| 828730 90 0 | SIMMONS 1ST NATL CORP | CALL | |
| 828730 95 0 | SIMMONS 1ST NATL CORP | PUT | |
| 828806 10 9 * | SIMON PPTY GROUP INC NEW | COM | |
| 828806 90 9 | SIMON PPTY GROUP INC NEW | CALL | |
| 828806 95 9 | SIMON PPTY GROUP INC NEW | PUT | |
| 82900L 10 2 * | SIMPLY GOOD FOODS CO | COM | |
| 82900L 90 2 | SIMPLY GOOD FOODS CO | CALL | |
| 82900L 95 2 | SIMPLY GOOD FOODS CO | PUT | |
| 829073 10 5 * | SIMPSON MANUFACTURING CO INC | COM | |

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| 829073 90 5 | SIMPSON MANUFACTURING CO INC | CALL | |
| 829073 95 5 | SIMPSON MANUFACTURING CO INC | PUT | |
| 829214 10 5 * | SIMULATIONS PLUS INC | COM | |
| 829214 90 5 | SIMULATIONS PLUS INC | CALL | |
| 829214 95 5 | SIMULATIONS PLUS INC | PUT | |
| 829226 10 9 * | SINCLAIR BROADCAST GROUP INC | CL A | |
| 829226 90 9 | SINCLAIR BROADCAST GROUP INC | CALL | |
| 829226 95 9 | SINCLAIR BROADCAST GROUP INC | PUT | |
| 82935M 10 9 * | SINOPEC SHANGHAI PETROCHEMIC | SPON ADR H | |
| 82935M 90 9 | SINOPEC SHANGHAI PETROCHEMIC | CALL | |
| 82935M 95 9 | SINOPEC SHANGHAI PETROCHEMIC | PUT | |
| 82935V 10 9 | SINO GLOBAL SHIPPING AMER LT | COM | |
| 829392 10 9 | SINTX TECHNOLOGIES INC | COM | |
| 82968B 10 3 * | SIRIUS XM HLDGS INC | COM | |
| 82968B 90 3 | SIRIUS XM HLDGS INC | CALL | |
| 82968B 95 3 | SIRIUS XM HLDGS INC | PUT | |
| 82981J 10 9 * | SITE CENTERS CORP | COM | |
| 82981J 90 9 | SITE CENTERS CORP | CALL | |
| 82981J 95 9 | SITE CENTERS CORP | PUT | |
| 82982L 10 3 * | SITEONE LANDSCAPE SUPPLY INC | COM | |
| 82982L 90 3 | SITEONE LANDSCAPE SUPPLY INC | CALL | |
| 82982L 95 3 | SITEONE LANDSCAPE SUPPLY INC | PUT | |
| 82988R 20 3 | SITO MOBILE LTD | COM NEW | |
| 83001A 10 2 * | SIX FLAGS ENTMT CORP NEW | COM | |
| 83001A 90 2 | SIX FLAGS ENTMT CORP NEW | CALL | |
| 83001A 95 2 | SIX FLAGS ENTMT CORP NEW | PUT | |
| 830566 10 5 * | SKECHERS U S A INC | CL A | |
| 830566 90 5 | SKECHERS U S A INC | CALL | |
| 830566 95 5 | SKECHERS U S A INC | PUT | |
| 830830 10 5 * | SKYLINE CHAMPION CORPORATION | COM | |
| 830830 90 5 | SKYLINE CHAMPION CORPORATION | CALL | |
| 830830 95 5 | SKYLINE CHAMPION CORPORATION | PUT | |
| 83084J 10 3 | SKY SOLAR HLDGS LTD | SPONSORED ADR | |
| 830879 10 2 * | SKYWEST INC | COM | |

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| 830879 90 2 | SKYWEST INC | CALL | |
| 830879 95 2 | SKYWEST INC | PUT | |
| 83088M 10 2 * | SKYWORKS SOLUTIONS INC | COM | |
| 83088M 90 2 | SKYWORKS SOLUTIONS INC | CALL | |
| 83088M 95 2 | SKYWORKS SOLUTIONS INC | PUT | |
| 83088V 10 2 * | SLACK TECHNOLOGIES INC | COM CL A | ADDED |
| 83088V 90 2 | SLACK TECHNOLOGIES INC | CALL | ADDED |
| 83088V 95 2 | SLACK TECHNOLOGIES INC | PUT | ADDED |
| 83125X 10 3 * | SLEEP NUMBER CORP | COM | |
| 83125X 90 3 | SLEEP NUMBER CORP | CALL | |
| 83125X 95 3 | SLEEP NUMBER CORP | PUT | |
| 83175M 20 5 * | SMITH & NEPHEW PLC | SPDN ADR NEW | |
| 83175M 90 5 | SMITH & NEPHEW PLC | CALL | |
| 83175M 95 5 | SMITH & NEPHEW PLC | PUT | |
| 831865 20 9 * | SMITH A O CORP | COM | |
| 831865 90 9 | SMITH A O CORP | CALL | |
| 831865 95 9 | SMITH A O CORP | PUT | |
| 83190B 10 1 * | SMART & FINAL STORES INC | COM | DELETED |
| 83190B 90 1 | SMART & FINAL STORES INC | CALL | DELETED |
| 83190B 95 1 | SMART & FINAL STORES INC | PUT | DELETED |
| 83190L 20 8 | SMARTFINANCIAL INC | COM NEW | |
| 83191H 10 7 * | SMART SAND INC | COM | |
| 83191H 90 7 | SMART SAND INC | CALL | |
| 83191H 95 7 | SMART SAND INC | PUT | |
| 83200N 10 3 * | SMARTSHEET INC | COM CL A | |
| 83200N 90 3 | SMARTSHEET INC | CALL | |
| 83200N 95 3 | SMARTSHEET INC | PUT | |
| 832154 20 7 * | SMITH MICRO SOFTWARE INC | COM NEW | |
| 832154 90 7 | SMITH MICRO SOFTWARE INC | CALL | |
| 832154 95 7 | SMITH MICRO SOFTWARE INC | PUT | |
| 832682 20 7 * | SMTC CORP | COM NEW | |
| 832682 90 7 | SMTC CORP | CALL | |
| 832682 95 7 | SMTC CORP | PUT | |
| 832696 40 5 * | SMUCKER J M CO | COM NEW | |

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| 832696 90 5 | SMUCKER J M CO | CALL | |
| 832696 95 5 | SMUCKER J M CO | PUT | |
| 833034 10 1 * | SNAP ON INC | COM | |
| 833034 90 1 | SNAP ON INC | CALL | |
| 833034 95 1 | SNAP ON INC | PUT | |
| 83304A 10 6 * | SNAP INC | CL A | |
| 83304A 90 6 | SNAP INC | CALL | |
| 83304A 95 6 | SNAP INC | PUT | |
| 83356Q 10 8 * | SO YOUNG INTERNATIONAL INC | SPONSORED ADS | ADDED |
| 83356Q 90 8 | SO YOUNG INTERNATIONAL INC | CALL | ADDED |
| 83356Q 95 8 | SO YOUNG INTERNATIONAL INC | PUT | ADDED |
| 83362P 30 0 * | SOCIAL REALITY INC | COM CL A NEW | |
| 83362P 90 0 | SOCIAL REALITY INC | CALL | |
| 83362P 95 0 | SOCIAL REALITY INC | PUT | |
| 833635 10 5 * | SOCIEDAD QUIMICA MINERA DE C | SPON ADR SER B | |
| 833635 90 5 | SOCIEDAD QUIMICA MINERA DE C | CALL | |
| 833635 95 5 | SOCIEDAD QUIMICA MINERA DE C | PUT | |
| 83368E 20 0 | SOCKET MOBILE INC | COM NEW | |
| 83409V 10 4 * | SOGO INC | ADR REPSTG A | |
| 83409V 90 4 | SOGO INC | CALL | |
| 83409V 95 4 | SOGO INC | PUT | |
| 83410S 10 8 * | SOHU COM LTD | SPONSORED ADS | |
| 83410S 90 8 | SOHU COM LTD | CALL | |
| 83410S 95 8 | SOHU COM LTD | PUT | |
| 83413U 10 0 * | SOLAR CAP LTD | COM | |
| 83413U 90 0 | SOLAR CAP LTD | CALL | |
| 83413U 95 0 | SOLAR CAP LTD | PUT | |
| 83416M 10 5 * | SOLAR SR CAP LTD | COM | |
| 83416M 90 5 | SOLAR SR CAP LTD | CALL | |
| 83416M 95 5 | SOLAR SR CAP LTD | PUT | |
| 83416T AC 4 | SOLARCITY CORP | NOTE 1.625%11/0 | |
| 83416T AE 0 | SOLARCITY CORP | NOTE 12/0 | ADDED |
| 83417M 10 4 * | SOLAREEDGE TECHNOLOGIES INC | COM | |
| 83417M 90 4 | SOLAREEDGE TECHNOLOGIES INC | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 83417M 95 4 | SOLAREEDGE TECHNOLOGIES INC | PUT | |
| 83417Q 10 5 * | SOLARWINDS CORP | COM | |
| 83417Q 90 5 | SOLARWINDS CORP | CALL | |
| 83417Q 95 5 | SOLARWINDS CORP | PUT | |
| 83418M 10 3 * | SOLARIS OILFIELD INFRSTR INC | COM CL A | |
| 83418M 90 3 | SOLARIS OILFIELD INFRSTR INC | CALL | |
| 83418M 95 3 | SOLARIS OILFIELD INFRSTR INC | PUT | |
| 8342EP 10 7 | SOLITARIO ZINC CORP | COM | |
| 834203 13 5 | SOLENO THERAPEUTICS INC | *W EXP 11/12/201 | |
| 834203 20 0 | SOLENO THERAPEUTICS INC | COM NEW | |
| 83422E 10 5 * | SOLID BIOSCIENCES INC | COM | |
| 83422E 90 5 | SOLID BIOSCIENCES INC | CALL | |
| 83422E 95 5 | SOLID BIOSCIENCES INC | PUT | |
| 834223 11 7 | SOLIGENIX INC | *W EXP 11/14/202 | |
| 834223 30 7 | SOLIGENIX INC | COM | |
| 834251 10 0 | SOLITON INC | COM | |
| 83545G 10 2 * | SONIC AUTOMOTIVE INC | CL A | |
| 83545G 90 2 | SONIC AUTOMOTIVE INC | CALL | |
| 83545G 95 2 | SONIC AUTOMOTIVE INC | PUT | |
| 83548F 10 1 | SONIM TECHNOLOGIES INC | COM | ADDED |
| 835495 10 2 * | SONOCO PRODS CO | COM | |
| 835495 90 2 | SONOCO PRODS CO | CALL | |
| 835495 95 2 | SONOCO PRODS CO | PUT | |
| 83558L 10 5 | SONOMA PHARMACEUTICALS INC | COM | DELETED |
| 83558L 11 3 | SONOMA PHARMACEUTICALS INC | *W EXP 01/26/202 | |
| 83558L 20 4 | SONOMA PHARMACEUTICALS INC | COM NEW | ADDED |
| 835699 30 7 * | SONY CORP | SPONSORED ADR | |
| 835699 90 7 | SONY CORP | CALL | |
| 835699 95 7 | SONY CORP | PUT | |
| 83570H 10 8 * | SONOS INC | COM | |
| 83570H 90 8 | SONOS INC | CALL | |
| 83570H 95 8 | SONOS INC | PUT | |
| 83578Q 20 9 * | SOPHIRIS BIO INC | COM NEW | |
| 83578Q 90 9 | SOPHIRIS BIO INC | CALL | |

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|-----------------|------------------------------|---------------------------|---------------|
| 83578Q 95 9 | SOPHIRIS BIO INC | PUT | |
| 83587F 20 2 * | SORRENTO THERAPEUTICS INC | COM NEW | |
| 83587F 90 2 | SORRENTO THERAPEUTICS INC | CALL | |
| 83587F 95 2 | SORRENTO THERAPEUTICS INC | PUT | |
| 835898 10 7 * | SOTHEBYS | COM | |
| 835898 90 7 | SOTHEBYS | CALL | |
| 835898 95 7 | SOTHEBYS | PUT | |
| 83600C 10 3 | SOTHERLY HOTELS INC | COM | |
| 83607A 10 0 | SOUND FINL BANCORP INC | COM | |
| 836144 10 5 | SOURCE CAP INC | COM | |
| 838518 10 8 * | SOUTH JERSEY INDS INC | COM | |
| 838518 90 8 | SOUTH JERSEY INDS INC | CALL | |
| 838518 95 8 | SOUTH JERSEY INDS INC | PUT | |
| 838518 11 6 | SOUTH JERSEY INDS INC | UNIT 99/99/9999 | |
| 838884 20 3 | SOUTH MTN MERGER CORP | UNIT 99/99/9999 | ADDED |
| 83946P 10 7 | SOUTH PLAINS FINANCIAL INC | COM | ADDED |
| 840441 10 9 * | SOUTH ST CORP | COM | |
| 840441 90 9 | SOUTH ST CORP | CALL | |
| 840441 95 9 | SOUTH ST CORP | PUT | |
| 842587 10 7 * | SOUTHERN CO | COM | |
| 842587 90 7 | SOUTHERN CO | CALL | |
| 842587 95 7 | SOUTHERN CO | PUT | |
| 84265V 10 5 * | SOUTHERN COPPER CORP | COM | |
| 84265V 90 5 | SOUTHERN COPPER CORP | CALL | |
| 84265V 95 5 | SOUTHERN COPPER CORP | PUT | |
| 842873 10 1 | SOUTHERN FIRST BANCSHARES IN | COM | |
| 843380 10 6 | SOUTHERN MO BANCORP INC | COM | |
| 843395 10 4 | SOUTHERN NATL BANCORP OF VA | COM | |
| 84470P 10 9 * | SOUTHSIDE BANCSHARES INC | COM | |
| 84470P 90 9 | SOUTHSIDE BANCSHARES INC | CALL | |
| 84470P 95 9 | SOUTHSIDE BANCSHARES INC | PUT | |
| 844741 10 8 * | SOUTHWEST AIRLS CO | COM | |
| 844741 90 8 | SOUTHWEST AIRLS CO | CALL | |
| 844741 95 8 | SOUTHWEST AIRLS CO | PUT | |

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| 844895 10 2 * | SOUTHWEST GAS HOLDINGS INC | COM | |
| 844895 90 2 | SOUTHWEST GAS HOLDINGS INC | CALL | |
| 844895 95 2 | SOUTHWEST GAS HOLDINGS INC | PUT | |
| 84502A 10 4 | SOUTHWEST GA FINL CORP | COM | |
| 845467 10 9 * | SOUTHWESTERN ENERGY CO | COM | |
| 845467 90 9 | SOUTHWESTERN ENERGY CO | CALL | |
| 845467 95 9 | SOUTHWESTERN ENERGY CO | PUT | |
| 84649P AL 9 | SPANSION LLC | NOTE 2.000% 9/0 | |
| 846511 10 3 * | SPARK ENERGY INC | CL A COM | |
| 846511 90 3 | SPARK ENERGY INC | CALL | |
| 846511 95 3 | SPARK ENERGY INC | PUT | |
| 846517 10 0 | SPARK NETWORKS SE | SPONSORED ADR | |
| 84652J 10 3 * | SPARK THERAPEUTICS INC | COM | |
| 84652J 90 3 | SPARK THERAPEUTICS INC | CALL | |
| 84652J 95 3 | SPARK THERAPEUTICS INC | PUT | |
| 846784 10 6 | SPARTAN ENERGY ACQUISITON CO | CL A COM STK | |
| 846784 11 4 | SPARTAN ENERGY ACQUISITON CO | UNIT 99/99/9999 | |
| 846784 12 2 | SPARTAN ENERGY ACQUISITON CO | *W EXP 08/27/202 | |
| 846819 10 0 * | SPARTAN MTRS INC | COM | |
| 846819 90 0 | SPARTAN MTRS INC | CALL | |
| 846819 95 0 | SPARTAN MTRS INC | PUT | |
| 847215 10 0 * | SPARTANNASH CO | COM | |
| 847215 90 0 | SPARTANNASH CO | CALL | |
| 847215 95 0 | SPARTANNASH CO | PUT | |
| 84741T 10 4 | SPECIAL OPPORTUNITIES FD INC | COM | |
| 84741T 30 2 | SPECIAL OPPORTUNITIES FD INC | PFD CONV SE B | |
| 84763A 10 8 * | SPECTRUM PHARMACEUTICALS INC | COM | |
| 84763A 90 8 | SPECTRUM PHARMACEUTICALS INC | CALL | |
| 84763A 95 8 | SPECTRUM PHARMACEUTICALS INC | PUT | |
| 847788 10 6 * | SPEEDWAY MOTORSPORTS INC | COM | |
| 847788 90 6 | SPEEDWAY MOTORSPORTS INC | CALL | |
| 847788 95 6 | SPEEDWAY MOTORSPORTS INC | PUT | |
| 84790A 10 5 * | SPECTRUM BRANDS HLDGS INC NE | COM | |
| 84790A 90 5 | SPECTRUM BRANDS HLDGS INC NE | CALL | |

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| 84790A 95 5 | SPECTRUM BRANDS HLDGS INC NE | PUT | |
| 84833T 10 3 * | SPERO THERAPEUTICS INC | COM | |
| 84833T 90 3 | SPERO THERAPEUTICS INC | CALL | |
| 84833T 95 3 | SPERO THERAPEUTICS INC | PUT | |
| 84841L 30 8 | SPHERE 3D CORP NEW | COM | |
| 84842R 40 3 | SPHERIX INC | COM PAR NEW | DELETED |
| 84842R 50 2 | SPHERIX INC | COM | ADDED |
| 84857L 10 1 * | SPIRE INC | COM | |
| 84857L 90 1 | SPIRE INC | CALL | |
| 84857L 95 1 | SPIRE INC | PUT | |
| 848574 10 9 * | SPIRIT AEROSYSTEMS HLDGS INC | COM CL A | |
| 848574 90 9 | SPIRIT AEROSYSTEMS HLDGS INC | CALL | |
| 848574 95 9 | SPIRIT AEROSYSTEMS HLDGS INC | PUT | |
| 848577 10 2 * | SPIRIT AIRLS INC | COM | |
| 848577 90 2 | SPIRIT AIRLS INC | CALL | |
| 848577 95 2 | SPIRIT AIRLS INC | PUT | |
| 84858T 20 2 | SPINNAKER ETF SERIES | FIELDSTONE UVA | |
| 84860W AA 0 | SPIRIT RLTY CAP INC NEW | NOTE 2.875% 5/1 | DELETED |
| 84860W AB 8 | SPIRIT RLTY CAP INC NEW | NOTE 3.750% 5/1 | |
| 84860W 30 0 * | SPIRIT RLTY CAP INC NEW | COM NEW | |
| 84860W 90 0 | SPIRIT RLTY CAP INC NEW | CALL | |
| 84860W 95 0 | SPIRIT RLTY CAP INC NEW | PUT | |
| 84861D 10 3 | SPIRIT OF TEX BANCSHARES INC | COM | |
| 84861U 10 5 * | SPIRIT MTA REIT | COM SHS BEN IN | |
| 84861U 90 5 | SPIRIT MTA REIT | CALL | |
| 84861U 95 5 | SPIRIT MTA REIT | PUT | |
| 84863T 10 6 * | SPOK HLDGS INC | COM | |
| 84863T 90 6 | SPOK HLDGS INC | CALL | |
| 84863T 95 6 | SPOK HLDGS INC | PUT | |
| 848637 10 4 * | SPLUNK INC | COM | |
| 848637 90 4 | SPLUNK INC | CALL | |
| 848637 95 4 | SPLUNK INC | PUT | |
| 84920Y 10 6 * | SPORTSMANS WHSE HLDGS INC | COM | |
| 84920Y 90 6 | SPORTSMANS WHSE HLDGS INC | CALL | |

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| 84920Y 95 6 | SPORTSMANS WHSE HLDGS INC | PUT | |
| 849343 10 8 * | SPRAGUE RES LP | COM UNIT REP LTD | |
| 849343 90 8 | SPRAGUE RES LP | CALL | |
| 849343 95 8 | SPRAGUE RES LP | PUT | |
| 849431 10 1 | SPRING BK PHARMACEUTICALS IN | COM | |
| 85207H 10 4 | SPROTT PHYSICAL GOLD TRUST | UNIT | |
| 85207K 10 7 | SPROTT PHYSICAL SILVER TR | TR UNIT | |
| 85207Q 10 4 | SPROTT PHYSICAL PLAT PALLAD | UNIT | |
| 85207U 10 5 * | SPRINT CORPORATION | COM | |
| 85207U 90 5 | SPRINT CORPORATION | CALL | |
| 85207U 95 5 | SPRINT CORPORATION | PUT | |
| 85208J 10 9 | SPROTT FOCUS TR INC | COM | |
| 85208M 10 2 * | SPROUTS FMRS MKT INC | COM | |
| 85208M 90 2 | SPROUTS FMRS MKT INC | CALL | |
| 85208M 95 2 | SPROUTS FMRS MKT INC | PUT | |
| 85208R 10 1 | SPROTT PHYSICAL GOLD & SILVE | TR UNIT | |
| 852234 AB 9 | SQUARE INC | NOTE 0.375% 3/0 | |
| 852234 AD 5 | SQUARE INC | NOTE 0.500% 5/1 | ADDED |
| 852234 10 3 * | SQUARE INC | CL A | |
| 852234 90 3 | SQUARE INC | CALL | |
| 852234 95 3 | SQUARE INC | PUT | |
| 852312 30 5 * | STAAR SURGICAL CO | COM PAR \$0.01 | |
| 852312 90 5 | STAAR SURGICAL CO | CALL | |
| 852312 95 5 | STAAR SURGICAL CO | PUT | |
| 852387 30 7 | STAFFING 360 SOLUTIONS INC | COM PAR | |
| 85254C 30 5 * | STAGE STORES INC | COM NEW | |
| 85254C 90 5 | STAGE STORES INC | CALL | |
| 85254C 95 5 | STAGE STORES INC | PUT | |
| 85254J 10 2 * | STAG INDL INC | COM | |
| 85254J 90 2 | STAG INDL INC | CALL | |
| 85254J 95 2 | STAG INDL INC | PUT | |
| 852857 20 0 * | STAMPS COM INC | COM NEW | |
| 852857 90 0 | STAMPS COM INC | CALL | |
| 852857 95 0 | STAMPS COM INC | PUT | |

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|---------------|----------------------------|--------------------|--------|
| 85303B 10 0 | STANDARD AVB FINL CORP | COM | |
| 85336L 10 9 | STANDARD DIVERSIFIED INC | COM CL A | |
| 853666 10 5 * | STANDARD MTR PRODS INC | COM | |
| 853666 90 5 | STANDARD MTR PRODS INC | CALL | |
| 853666 95 5 | STANDARD MTR PRODS INC | PUT | |
| 854231 10 7 * | STANDEX INTL CORP | COM | |
| 854231 90 7 | STANDEX INTL CORP | CALL | |
| 854231 95 7 | STANDEX INTL CORP | PUT | |
| 854502 10 1 * | STANLEY BLACK & DECKER INC | COM | |
| 854502 90 1 | STANLEY BLACK & DECKER INC | CALL | |
| 854502 95 1 | STANLEY BLACK & DECKER INC | PUT | |
| 854502 88 7 | STANLEY BLACK & DECKER INC | UNIT 05/15/2020 | |
| 85472N 10 9 * | STANTEC INC | COM | |
| 85472N 90 9 | STANTEC INC | CALL | |
| 85472N 95 9 | STANTEC INC | PUT | |
| 85512C 10 5 * | STAR GROUP L P | UNIT LTD PARTNR | |
| 85512C 90 5 | STAR GROUP L P | CALL | |
| 85512C 95 5 | STAR GROUP L P | PUT | |
| 855244 10 9 * | STARBUCKS CORP | COM | |
| 855244 90 9 | STARBUCKS CORP | CALL | |
| 855244 95 9 | STARBUCKS CORP | PUT | |
| 855668 10 9 | STARRETT L S CO | CL A | |
| 85569C 10 7 * | STARTEK INC | COM | |
| 85569C 90 7 | STARTEK INC | CALL | |
| 85569C 95 7 | STARTEK INC | PUT | |
| 85570W 10 0 * | STARS GROUP INC | COM | |
| 85570W 90 0 | STARS GROUP INC | CALL | |
| 85570W 95 0 | STARS GROUP INC | PUT | |
| 855707 10 5 * | STATE AUTO FINL CORP | COM | |
| 855707 90 5 | STATE AUTO FINL CORP | CALL | |
| 855707 95 5 | STATE AUTO FINL CORP | PUT | |
| 85571B AH 8 | STARWOOD PPTY TR INC | NOTE 4.375% 4/0 | |
| 85571B 10 5 * | STARWOOD PPTY TR INC | COM | |
| 85571B 90 5 | STARWOOD PPTY TR INC | CALL | |

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| 85571B 95 5 | STARWOOD PPTY TR INC | PUT | |
| 857477 10 3 * | STATE STR CORP | COM | |
| 857477 90 3 | STATE STR CORP | CALL | |
| 857477 95 3 | STATE STR CORP | PUT | |
| 85789A 10 5 | STEALTH BIOTHERAPEUTICS CORP | SPONSORED ADS | |
| 858098 10 6 * | STEEL CONNECT INC | COM | |
| 858098 90 6 | STEEL CONNECT INC | CALL | |
| 858098 95 6 | STEEL CONNECT INC | PUT | |
| 858119 10 0 * | STEEL DYNAMICS INC | COM | |
| 858119 90 0 | STEEL DYNAMICS INC | CALL | |
| 858119 95 0 | STEEL DYNAMICS INC | PUT | |
| 85814R 10 7 | STEEL PARTNERS HLDGS L P | LTD PRTRSHIP U | |
| 858155 20 3 * | STEELCASE INC | CL A | |
| 858155 90 3 | STEELCASE INC | CALL | |
| 858155 95 3 | STEELCASE INC | PUT | |
| 858375 10 8 * | STEIN MART INC | COM | |
| 858375 90 8 | STEIN MART INC | CALL | |
| 858375 95 8 | STEIN MART INC | PUT | |
| 85855A 30 2 | STELLAR BIOTECHNOLOGIES INC | COM | DELETED |
| 858568 10 8 * | STELLUS CAP INVT CORP | COM | |
| 858568 90 8 | STELLUS CAP INVT CORP | CALL | |
| 858568 95 8 | STELLUS CAP INVT CORP | PUT | |
| 85858C 10 7 * | STEMLINE THERAPEUTICS INC | COM | |
| 85858C 90 7 | STEMLINE THERAPEUTICS INC | CALL | |
| 85858C 95 7 | STEMLINE THERAPEUTICS INC | PUT | |
| 858586 10 0 * | STEPAN CO | COM | |
| 858586 90 0 | STEPAN CO | CALL | |
| 858586 95 0 | STEPAN CO | PUT | |
| 858912 10 8 * | STERICYCLE INC | COM | |
| 858912 90 8 | STERICYCLE INC | CALL | |
| 858912 95 8 | STERICYCLE INC | PUT | |
| 85917A 10 0 * | STERLING BANCORP DEL | COM | |
| 85917A 90 0 | STERLING BANCORP DEL | CALL | |
| 85917A 95 0 | STERLING BANCORP DEL | PUT | |

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| 85917W 10 2 | STERLING BANCORP INC | COM | |
| 859241 10 1 * | STERLING CONSTRUCTION CO INC | COM | |
| 859241 90 1 | STERLING CONSTRUCTION CO INC | CALL | |
| 859241 95 1 | STERLING CONSTRUCTION CO INC | PUT | |
| 860326 10 7 | STEWARDSHIP FINL CORP | COM | |
| 860372 10 1 * | STEWART INFORMATION SVCS COR | COM | |
| 860372 90 1 | STEWART INFORMATION SVCS COR | CALL | |
| 860372 95 1 | STEWART INFORMATION SVCS COR | PUT | |
| 860630 10 2 * | STIFEL FINL CORP | COM | |
| 860630 90 2 | STIFEL FINL CORP | CALL | |
| 860630 95 2 | STIFEL FINL CORP | PUT | |
| 860897 10 7 * | STITCH FIX INC | COM CL A | |
| 860897 90 7 | STITCH FIX INC | CALL | |
| 860897 95 7 | STITCH FIX INC | PUT | |
| 861012 10 2 * | STMICROELECTRONICS N V | NY REGISTRY | |
| 861012 90 2 | STMICROELECTRONICS N V | CALL | |
| 861012 95 2 | STMICROELECTRONICS N V | PUT | |
| 861025 10 4 * | STOCK YDS BANCORP INC | COM | |
| 861025 90 4 | STOCK YDS BANCORP INC | CALL | |
| 861025 95 4 | STOCK YDS BANCORP INC | PUT | |
| 86150R 10 7 | STOKE THERAPEUTICS INC | COM | ADDED |
| 86164T 10 7 | STONE HBR EMERG MRKTS INC FD | COM | |
| 86164W 10 0 | STONE HBR EMERG MKTS TL INC | COM | |
| 861780 10 4 | STONECASTLE FINL CORP | COM | |
| 86183P 10 2 * | STONERIDGE INC | COM | |
| 86183P 90 2 | STONERIDGE INC | CALL | |
| 86183P 95 2 | STONERIDGE INC | PUT | |
| 86183Q 10 0 * | STONEMOR PARTNERS L P | COM UNITS INT | |
| 86183Q 90 0 | STONEMOR PARTNERS L P | CALL | |
| 86183Q 95 0 | STONEMOR PARTNERS L P | PUT | |
| 862121 10 0 * | STORE CAP CORP | COM | |
| 862121 90 0 | STORE CAP CORP | CALL | |
| 862121 95 0 | STORE CAP CORP | PUT | |
| 86272A 20 6 | STRATA SKIN SCIENCES INC | COM NEW | |

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| 86272C 10 3 * | STRATEGIC ED INC | COM | |
| 86272C 90 3 | STRATEGIC ED INC | CALL | |
| 86272C 95 3 | STRATEGIC ED INC | PUT | |
| 86280R 10 0 * | STRATEGY SHS | US MKT ROTON ETF | |
| 86280R 90 0 | STRATEGY SHS | CALL | |
| 86280R 95 0 | STRATEGY SHS | PUT | |
| 86280R 20 9 * | STRATEGY SHS | ECOLOGCL STRATGY | |
| 86280R 90 9 | STRATEGY SHS | CALL | |
| 86280R 95 9 | STRATEGY SHS | PUT | |
| 86280R 50 6 | STRATEGY SHS | NS 7HANDL IDX | |
| 863111 10 0 | STRATTEC SEC CORP | COM | |
| 863167 20 1 | STRATUS PPTYS INC | COM NEW | |
| 86323X 10 6 * | STREAMLINE HEALTH SOLUTIONS | COM | |
| 86323X 90 6 | STREAMLINE HEALTH SOLUTIONS | CALL | |
| 86323X 95 6 | STREAMLINE HEALTH SOLUTIONS | PUT | |
| 863418 10 9 | STRONGVEST ETF TR | CWA INCOME | |
| 863667 10 1 * | STRYKER CORP | COM | |
| 863667 90 1 | STRYKER CORP | CALL | |
| 863667 95 1 | STRYKER CORP | PUT | |
| 86389T 10 6 | STUDIO CITY INTL HLDGS LTD | SPON ADS | |
| 864159 10 8 * | STURM RUGER & CO INC | COM | |
| 864159 90 8 | STURM RUGER & CO INC | CALL | |
| 864159 95 8 | STURM RUGER & CO INC | PUT | |
| 864482 10 4 * | SUBURBAN PROPANE PARTNERS L | UNIT LTD PARTN | |
| 864482 90 4 | SUBURBAN PROPANE PARTNERS L | CALL | |
| 864482 95 4 | SUBURBAN PROPANE PARTNERS L | PUT | |
| 86562M 20 9 * | SUMITOMO MITSUI FINL GROUP I | SPONSORED ADR | |
| 86562M 90 9 | SUMITOMO MITSUI FINL GROUP I | CALL | |
| 86562M 95 9 | SUMITOMO MITSUI FINL GROUP I | PUT | |
| 865646 10 3 | SUMMER INFANT INC | COM | |
| 86606G 10 1 | SUMMIT FINANCIAL GROUP INC | COM | |
| 866082 10 0 * | SUMMIT HOTEL PPTYS INC | COM | |
| 866082 90 0 | SUMMIT HOTEL PPTYS INC | CALL | |
| 866082 95 0 | SUMMIT HOTEL PPTYS INC | PUT | |

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| 86614U 10 0 * | SUMMIT MATLS INC | CL A | |
| 86614U 90 0 | SUMMIT MATLS INC | CALL | |
| 86614U 95 0 | SUMMIT MATLS INC | PUT | |
| 866142 10 2 * | SUMMIT MIDSTREAM PARTNERS LP | COM UNIT LTD | |
| 866142 90 2 | SUMMIT MIDSTREAM PARTNERS LP | CALL | |
| 866142 95 2 | SUMMIT MIDSTREAM PARTNERS LP | PUT | |
| 866264 20 3 | SUMMIT ST BK SANTA ROSA CALI | COM | |
| 86627R 10 2 * | SUMMIT THERAPEUTICS PLC | SPONS ADS | |
| 86627R 90 2 | SUMMIT THERAPEUTICS PLC | CALL | |
| 86627R 95 2 | SUMMIT THERAPEUTICS PLC | PUT | |
| 86633R 10 4 | SUMMIT WIRELESS TECHNLOGIES I | COM | |
| 866674 10 4 * | SUN CMNTYS INC | COM | |
| 866674 90 4 | SUN CMNTYS INC | CALL | |
| 866674 95 4 | SUN CMNTYS INC | PUT | |
| 866796 10 5 * | SUN LIFE FINL INC | COM | |
| 866796 90 5 | SUN LIFE FINL INC | CALL | |
| 866796 95 5 | SUN LIFE FINL INC | PUT | |
| 866942 10 5 * | SUN HYDRAULICS CORP | COM | DELETED |
| 866942 90 5 | SUN HYDRAULICS CORP | CALL | DELETED |
| 866942 95 5 | SUN HYDRAULICS CORP | PUT | DELETED |
| 86722A 10 3 * | SUNCOKE ENERGY INC | COM | |
| 86722A 90 3 | SUNCOKE ENERGY INC | CALL | |
| 86722A 95 3 | SUNCOKE ENERGY INC | PUT | |
| 86722Y 10 1 * | SUNCOKE ENERGY PARTNERS L P | COMUNIT REP LT | DELETED |
| 86722Y 90 1 | SUNCOKE ENERGY PARTNERS L P | CALL | DELETED |
| 86722Y 95 1 | SUNCOKE ENERGY PARTNERS L P | PUT | DELETED |
| 867224 10 7 * | SUNCOR ENERGY INC NEW | COM | |
| 867224 90 7 | SUNCOR ENERGY INC NEW | CALL | |
| 867224 95 7 | SUNCOR ENERGY INC NEW | PUT | |
| 86724Y 10 9 | SUNDANCE ENERGY AUSTRALIA LT | SPONSORED ADS | |
| 867328 70 0 * | SUNESIS PHARMACEUTICALS INC | COM PAR | |
| 867328 90 0 | SUNESIS PHARMACEUTICALS INC | CALL | |
| 867328 95 0 | SUNESIS PHARMACEUTICALS INC | PUT | |
| 86737U 10 2 | SUNLINK HEALTH SYSTEMS INC | COM | |

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| 86740P 10 8 | SUNLANDS TECHNOLOGY GROUP | ADS | |
| 8676EP 10 8 * | SUNOPTA INC | COM | |
| 8676EP 90 8 | SUNOPTA INC | CALL | |
| 8676EP 95 8 | SUNOPTA INC | PUT | |
| 86765K 10 9 * | SUNOCO LP | COM UT REP LP | |
| 86765K 90 9 | SUNOCO LP | CALL | |
| 86765K 95 9 | SUNOCO LP | PUT | |
| 867652 AJ 8 | SUNPOWER CORP | DCV 0.875% 6/0 | |
| 867652 AL 3 | SUNPOWER CORP | DCV 4.000% 1/1 | |
| 867652 40 6 * | SUNPOWER CORP | COM | |
| 867652 90 6 | SUNPOWER CORP | CALL | |
| 867652 95 6 | SUNPOWER CORP | PUT | |
| 86771W 10 5 * | SUNRUN INC | COM | |
| 86771W 90 5 | SUNRUN INC | CALL | |
| 86771W 95 5 | SUNRUN INC | PUT | |
| 867892 10 1 * | SUNSTONE HOTEL INVS INC NEW | COM | |
| 867892 90 1 | SUNSTONE HOTEL INVS INC NEW | CALL | |
| 867892 95 1 | SUNSTONE HOTEL INVS INC NEW | PUT | |
| 867914 10 3 * | SUNTRUST BKS INC | COM | |
| 867914 90 3 | SUNTRUST BKS INC | CALL | |
| 867914 95 3 | SUNTRUST BKS INC | PUT | |
| 867931 60 2 | SUPERCONDUCTOR TECHNOLOGIES | COM PAR NEW | |
| 86803X 10 5 * | SUNWORKS INC | COM | |
| 86803X 90 5 | SUNWORKS INC | CALL | |
| 86803X 95 5 | SUNWORKS INC | PUT | |
| 86804F 20 2 | SUPER LEAGUE GAMING INC | COM | |
| 868153 10 7 | SUPERIOR DRILLING PRODS INC | COM | |
| 868157 10 8 * | SUPERIOR ENERGY SVCS INC | COM | |
| 868157 90 8 | SUPERIOR ENERGY SVCS INC | CALL | |
| 868157 95 8 | SUPERIOR ENERGY SVCS INC | PUT | |
| 868168 10 5 * | SUPERIOR INDS INTL INC | COM | |
| 868168 90 5 | SUPERIOR INDS INTL INC | CALL | |
| 868168 95 5 | SUPERIOR INDS INTL INC | PUT | |
| 868358 10 2 * | SUPERIOR GRP OF COMPANIES IN | COM | |

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| 868358 90 2 | SUPERIOR GRP OF COMPANIES IN | CALL | |
| 868358 95 2 | SUPERIOR GRP OF COMPANIES IN | PUT | |
| 868459 AD 0 | SUPERNUS PHARMACEUTICALS INC | NOTE 0.625% 4/0 | |
| 868459 10 8 * | SUPERNUS PHARMACEUTICALS INC | COM | |
| 868459 90 8 | SUPERNUS PHARMACEUTICALS INC | CALL | |
| 868459 95 8 | SUPERNUS PHARMACEUTICALS INC | PUT | |
| 86858W 20 0 * | SUPPORT COM INC | COM NEW | |
| 86858W 90 0 | SUPPORT COM INC | CALL | |
| 86858W 95 0 | SUPPORT COM INC | PUT | |
| 86877M 20 9 | SURFACE ONCOLOGY INC | COM | |
| 86881A 10 0 * | SURGERY PARTNERS INC | COM | |
| 86881A 90 0 | SURGERY PARTNERS INC | CALL | |
| 86881A 95 0 | SURGERY PARTNERS INC | PUT | |
| 868873 10 0 * | SURMODICS INC | COM | |
| 868873 90 0 | SURMODICS INC | CALL | |
| 868873 95 0 | SURMODICS INC | PUT | |
| 869367 10 2 | SUTRO BIOPHARMA INC | COM | |
| 86959K 10 5 * | SUZANO SA | SPON ADS | |
| 86959K 90 5 | SUZANO SA | CALL | |
| 86959K 95 5 | SUZANO SA | PUT | |
| 870297 19 9 | SWEDISH EXPT CR CORP | MLCX BIO ETN23 | |
| 870297 21 5 * | SWEDISH EXPT CR CORP | MLCX GRN ETN23 | |
| 870297 90 5 | SWEDISH EXPT CR CORP | CALL | |
| 870297 95 5 | SWEDISH EXPT CR CORP | PUT | |
| 870297 30 6 * | SWEDISH EXPT CR CORP | RG ENRGY ETN22 | |
| 870297 90 6 | SWEDISH EXPT CR CORP | CALL | |
| 870297 95 6 | SWEDISH EXPT CR CORP | PUT | |
| 870297 40 5 | SWEDISH EXPT CR CORP | RG METAL ETN22 | |
| 870297 50 4 | SWEDISH EXPT CR CORP | ELEMENT USETN22 | |
| 870297 60 3 * | SWEDISH EXPT CR CORP | ROG AGRI ETN22 | |
| 870297 90 3 | SWEDISH EXPT CR CORP | CALL | |
| 870297 95 3 | SWEDISH EXPT CR CORP | PUT | |
| 870297 80 1 * | SWEDISH EXPT CR CORP | ROG TTL ETN 22 | |
| 870297 90 1 | SWEDISH EXPT CR CORP | CALL | |

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| 870297 95 1 | SWEDISH EXPT CR CORP | PUT | |
| 870875 10 1 | SWISS HELVETIA FD INC | COM | |
| 87105L 10 4 * | SWITCH INC | CL A | |
| 87105L 90 4 | SWITCH INC | CALL | |
| 87105L 95 4 | SWITCH INC | PUT | |
| 871237 10 3 * | SYKES ENTERPRISES INC | COM | |
| 871237 90 3 | SYKES ENTERPRISES INC | CALL | |
| 871237 95 3 | SYKES ENTERPRISES INC | PUT | |
| 871503 10 8 * | SYMANTEC CORP | COM | |
| 871503 90 8 | SYMANTEC CORP | CALL | |
| 871503 95 8 | SYMANTEC CORP | PUT | |
| 871561 10 6 * | SYNACOR INC | COM | |
| 871561 90 6 | SYNACOR INC | CALL | |
| 871561 95 6 | SYNACOR INC | PUT | |
| 871565 10 7 * | SYNALLOY CP DEL | COM | |
| 871565 90 7 | SYNALLOY CP DEL | CALL | |
| 871565 95 7 | SYNALLOY CP DEL | PUT | |
| 87157B AA 1 | SYNCHRONOSS TECHNOLOGIES INC | NOTE 0.750% 8/1 | |
| 87157B 10 3 * | SYNCHRONOSS TECHNOLOGIES INC | COM | |
| 87157B 90 3 | SYNCHRONOSS TECHNOLOGIES INC | CALL | |
| 87157B 95 3 | SYNCHRONOSS TECHNOLOGIES INC | PUT | |
| 87157D AD 1 | SYNAPTICS INC | NOTE 0.500% 6/1 | |
| 87157D 10 9 * | SYNAPTICS INC | COM | |
| 87157D 90 9 | SYNAPTICS INC | CALL | |
| 87157D 95 9 | SYNAPTICS INC | PUT | |
| 871607 10 7 * | SYNOPSIS INC | COM | |
| 871607 90 7 | SYNOPSIS INC | CALL | |
| 871607 95 7 | SYNOPSIS INC | PUT | |
| 87161C 50 1 * | SYNOVUS FINL CORP | COM NEW | |
| 87161C 90 1 | SYNOVUS FINL CORP | CALL | |
| 87161C 95 1 | SYNOVUS FINL CORP | PUT | |
| 87162W 10 0 * | SYNNEX CORP | COM | |
| 87162W 90 0 | SYNNEX CORP | CALL | |
| 87162W 95 0 | SYNNEX CORP | PUT | |

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|-----------------|----------------------------|---------------------------|---------------|
| 871628 20 2 * | SYNTHESIS ENERGY SYS INC | COM NEW | |
| 871628 90 2 | SYNTHESIS ENERGY SYS INC | CALL | |
| 871628 95 2 | SYNTHESIS ENERGY SYS INC | PUT | |
| 87164F 10 5 * | SYNDAX PHARMACEUTICALS INC | COM | |
| 87164F 90 5 | SYNDAX PHARMACEUTICALS INC | CALL | |
| 87164F 95 5 | SYNDAX PHARMACEUTICALS INC | PUT | |
| 87164U 20 1 | SYNTHETIC BIOLOGICS INC | COM NEW | |
| 87165B 10 3 * | SYNCHRONY FINL | COM | |
| 87165B 90 3 | SYNCHRONY FINL | CALL | |
| 87165B 95 3 | SYNCHRONY FINL | PUT | |
| 871655 10 6 * | SYPRIS SOLUTIONS INC | COM | |
| 871655 90 6 | SYPRIS SOLUTIONS INC | CALL | |
| 871655 95 6 | SYPRIS SOLUTIONS INC | PUT | |
| 87166B 10 2 * | SYNEOS HEALTH INC | CL A | |
| 87166B 90 2 | SYNEOS HEALTH INC | CALL | |
| 87166B 95 2 | SYNEOS HEALTH INC | PUT | |
| 87166L 10 0 | SYNLOGIC INC | COM | |
| 87166N 10 6 | SYNTAX ETF TR | STRATIFD LRG CAP | |
| 87167A 10 3 | SYNTHORX INC | COM | |
| 871829 10 7 * | SYSCO CORP | COM | |
| 871829 90 7 | SYSCO CORP | CALL | |
| 871829 95 7 | SYSCO CORP | PUT | |
| 87184Q 10 7 * | SYROS PHARMACEUTICALS INC | COM | |
| 87184Q 90 7 | SYROS PHARMACEUTICALS INC | CALL | |
| 87184Q 95 7 | SYROS PHARMACEUTICALS INC | PUT | |
| 871851 10 1 * | SYSTEMAX INC | COM | |
| 871851 90 1 | SYSTEMAX INC | CALL | |
| 871851 95 1 | SYSTEMAX INC | PUT | |
| 872275 10 2 * | TCF FINL CORP | COM | |
| 872275 90 2 | TCF FINL CORP | CALL | |
| 872275 95 2 | TCF FINL CORP | PUT | |
| 872280 10 2 * | TCG BDC INC | COM | |
| 872280 90 2 | TCG BDC INC | CALL | |
| 872280 95 2 | TCG BDC INC | PUT | |

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| 87233Q 10 8 * | TC PIPELINES LP | UT COM LTD PRT | |
| 87233Q 90 8 | TC PIPELINES LP | CALL | |
| 87233Q 95 8 | TC PIPELINES LP | PUT | |
| 872340 10 4 | TCW STRATEGIC INCOME FUND IN | COM | |
| 87236Y 10 8 * | TD AMERITRADE HLDG CORP | COM | |
| 87236Y 90 8 | TD AMERITRADE HLDG CORP | CALL | |
| 87236Y 95 8 | TD AMERITRADE HLDG CORP | PUT | |
| 87238Q AB 9 | BLACKROCK TCP CAPITAL CORP | NOTE 5.250%12/1 | |
| 87238Q AD 5 | BLACKROCK TCP CAPITAL CORP | NOTE 4.625% 3/0 | |
| 872386 10 7 | TESSCO TECHNOLOGIES INC | COM | |
| 87240R 10 7 * | TFS FINL CORP | COM | |
| 87240R 90 7 | TFS FINL CORP | CALL | |
| 87240R 95 7 | TFS FINL CORP | PUT | |
| 872438 10 6 * | THL CREDIT INC | COM | |
| 872438 90 6 | THL CREDIT INC | CALL | |
| 872438 95 6 | THL CREDIT INC | PUT | |
| 87244R 10 3 | THL CR SR LN FD | COM | |
| 872540 10 9 * | TJX COS INC NEW | COM | |
| 872540 90 9 | TJX COS INC NEW | CALL | |
| 872540 95 9 | TJX COS INC NEW | PUT | |
| 872590 10 4 * | T MOBILE US INC | COM | |
| 872590 90 4 | T MOBILE US INC | CALL | |
| 872590 95 4 | T MOBILE US INC | PUT | |
| 872625 10 8 * | TRC COS INC | COM | DELETED |
| 872625 90 8 | TRC COS INC | CALL | DELETED |
| 872625 95 8 | TRC COS INC | PUT | DELETED |
| 87265H 10 9 * | TRI POINTE GROUP INC | COM | |
| 87265H 90 9 | TRI POINTE GROUP INC | CALL | |
| 87265H 95 9 | TRI POINTE GROUP INC | PUT | |
| 87265K AB 8 | TPG SPECIALTY LENDING INC | NOTE 4.500%12/1 | |
| 87265K AD 4 | TPG SPECIALTY LENDING INC | NOTE 4.500% 8/0 | |
| 87265K 10 2 * | TPG SPECIALTY LENDING INC | COM | |
| 87265K 90 2 | TPG SPECIALTY LENDING INC | CALL | |
| 87265K 95 2 | TPG SPECIALTY LENDING INC | PUT | |

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| 87266C 10 9 | TMSR HLDG CO LTD | COM | |
| 87266J 10 4 * | TPI COMPOSITES INC | COM | |
| 87266J 90 4 | TPI COMPOSITES INC | CALL | |
| 87266J 95 4 | TPI COMPOSITES INC | PUT | |
| 87266M 10 7 * | TPG RE FIN TR INC | COM | |
| 87266M 90 7 | TPG RE FIN TR INC | CALL | |
| 87266M 95 7 | TPG RE FIN TR INC | PUT | |
| 872885 20 7 | TSR INC | COM | |
| 87305R AD 1 | TTM TECHNOLOGIES INC | NOTE 1.750%12/1 | |
| 87305R 10 9 * | TTM TECHNOLOGIES INC | COM | |
| 87305R 90 9 | TTM TECHNOLOGIES INC | CALL | |
| 87305R 95 9 | TTM TECHNOLOGIES INC | PUT | |
| 87336U 10 5 * | TABLEAU SOFTWARE INC | CL A | |
| 87336U 90 5 | TABLEAU SOFTWARE INC | CALL | |
| 87336U 95 5 | TABLEAU SOFTWARE INC | PUT | |
| 873379 10 1 * | TABULA RASA HEALTHCARE INC | COM | |
| 873379 90 1 | TABULA RASA HEALTHCARE INC | CALL | |
| 873379 95 1 | TABULA RASA HEALTHCARE INC | PUT | |
| 87357P 10 0 * | TACTILE SYS TECHNOLOGY INC | COM | |
| 87357P 90 0 | TACTILE SYS TECHNOLOGY INC | CALL | |
| 87357P 95 0 | TACTILE SYS TECHNOLOGY INC | PUT | |
| 874028 10 3 | TAITRON COMPONENTS INC | CL A | |
| 87403A 10 7 * | TAILORED BRANDS INC | COM | |
| 87403A 90 7 | TAILORED BRANDS INC | CALL | |
| 87403A 95 7 | TAILORED BRANDS INC | PUT | |
| 874036 10 6 | TAIWAN FD INC | COM | |
| 874038 10 2 | TAIWAN LIPOSOME CO LTD | SPONSORED ADS | |
| 874039 10 0 * | TAIWAN SEMICONDUCTOR MFG LTD | SPONSORED ADS | |
| 874039 90 0 | TAIWAN SEMICONDUCTOR MFG LTD | CALL | |
| 874039 95 0 | TAIWAN SEMICONDUCTOR MFG LTD | PUT | |
| 874054 10 9 * | TAKE-TWO INTERACTIVE SOFTWARE | COM | |
| 874054 90 9 | TAKE-TWO INTERACTIVE SOFTWARE | CALL | |
| 874054 95 9 | TAKE-TWO INTERACTIVE SOFTWARE | PUT | |
| 874060 20 5 * | TAKEDA PHARMACEUTICAL CO LTD | SPONSORED ADS | |

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| 874060 90 5 | TAKEDA PHARMACEUTICAL CO LTD | CALL | |
| 874060 95 5 | TAKEDA PHARMACEUTICAL CO LTD | PUT | |
| 87407Q 20 7 | TAKUNG ART CO LTD | COM NEW | |
| 874080 AB 0 | TAL EDUCATION GROUP | NOTE 2.500% 5/1 | DELETED |
| 874080 10 4 * | TAL EDUCATION GROUP | SPONSORED ADS | |
| 874080 90 4 | TAL EDUCATION GROUP | CALL | |
| 874080 95 4 | TAL EDUCATION GROUP | PUT | |
| 874224 20 7 * | TALEND S A | ADS | |
| 874224 90 7 | TALEND S A | CALL | |
| 874224 95 7 | TALEND S A | PUT | |
| 874696 10 7 * | TALLGRASS ENERGY LP | CLASS A SHS | |
| 874696 90 7 | TALLGRASS ENERGY LP | CALL | |
| 874696 95 7 | TALLGRASS ENERGY LP | PUT | |
| 87484T 10 8 * | TALOS ENERGY INC | COM | |
| 87484T 90 8 | TALOS ENERGY INC | CALL | |
| 87484T 95 8 | TALOS ENERGY INC | PUT | |
| 87484T 11 6 | TALOS ENERGY INC | *W EXP 02/28/202 | |
| 875372 20 3 * | TANDEM DIABETES CARE INC | COM NEW | |
| 875372 90 3 | TANDEM DIABETES CARE INC | CALL | |
| 875372 95 3 | TANDEM DIABETES CARE INC | PUT | |
| 87538X 10 5 | TANDY LEATHER FACTORY INC | COM | |
| 875465 10 6 * | TANGER FACTORY OUTLET CTRS I | COM | |
| 875465 90 6 | TANGER FACTORY OUTLET CTRS I | CALL | |
| 875465 95 6 | TANGER FACTORY OUTLET CTRS I | PUT | |
| 87600U 10 4 * | TANZANIAN ROYALTY EXPL CORP | COM | DELETED |
| 87600U 90 4 | TANZANIAN ROYALTY EXPL CORP | CALL | DELETED |
| 87600U 95 4 | TANZANIAN ROYALTY EXPL CORP | PUT | DELETED |
| 87600Y 10 6 * | TAOMEE HLDGS LTD | SPONSORED ADR | DELETED |
| 87600Y 90 6 | TAOMEE HLDGS LTD | CALL | DELETED |
| 87600Y 95 6 | TAOMEE HLDGS LTD | PUT | DELETED |
| 87601A 10 7 * | TANZANIAN GOLD CORP | COM | ADDED |
| 87601A 90 7 | TANZANIAN GOLD CORP | CALL | ADDED |
| 87601A 95 7 | TANZANIAN GOLD CORP | PUT | ADDED |
| 876030 10 7 * | TAPESTRY INC | COM | |

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| 876030 90 7 | TAPESTRY INC | CALL | |
| 876030 95 7 | TAPESTRY INC | PUT | |
| 876108 10 1 | TARENA INTL INC | SPONSORED ADS | |
| 87612E 10 6 * | TARGET CORP | COM | |
| 87612E 90 6 | TARGET CORP | CALL | |
| 87612E 95 6 | TARGET CORP | PUT | |
| 87612G 10 1 * | TARGA RES CORP | COM | |
| 87612G 90 1 | TARGA RES CORP | CALL | |
| 87612G 95 1 | TARGA RES CORP | PUT | |
| 87615L 10 7 | TARGET HOSPITALITY CORP | COM | |
| 87615L 11 5 | TARGET HOSPITALITY CORP | *W EXP 03/15/202 | |
| 876214 10 7 | TARONIS TECHNOLOGIES INC | COM | |
| 876511 10 6 * | TASEKO MINES LTD | COM | |
| 876511 90 6 | TASEKO MINES LTD | CALL | |
| 876511 95 6 | TASEKO MINES LTD | PUT | |
| 876568 50 2 * | TATA MTRS LTD | SPONSORED ADR | |
| 876568 90 2 | TATA MTRS LTD | CALL | |
| 876568 95 2 | TATA MTRS LTD | PUT | |
| 876664 10 3 * | TAUBMAN CTRS INC | COM | |
| 876664 90 3 | TAUBMAN CTRS INC | CALL | |
| 876664 95 3 | TAUBMAN CTRS INC | PUT | |
| 877163 10 5 | TAYLOR DEVICES INC | COM | |
| 87724P 10 6 * | TAYLOR MORRISON HOME CORP | COM | |
| 87724P 90 6 | TAYLOR MORRISON HOME CORP | CALL | |
| 87724P 95 6 | TAYLOR MORRISON HOME CORP | PUT | |
| 87807B 10 7 * | TC ENERGY CORP | COM | ADDED |
| 87807B 90 7 | TC ENERGY CORP | CALL | ADDED |
| 87807B 95 7 | TC ENERGY CORP | PUT | ADDED |
| 87808K 10 6 | TCR2 THERAPEUTICS INC | COM | |
| 878155 AE 0 | TEAM INC | NOTE 5.000% 8/0 | |
| 878155 10 0 * | TEAM INC | COM | |
| 878155 90 0 | TEAM INC | CALL | |
| 878155 95 0 | TEAM INC | PUT | |
| 87817A 10 7 * | TEAM HEALTH HOLDINGS INC | COM | DELETED |

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|-----------------|------------------------------|---------------------------|---------------|
| 87817A 90 7 | TEAM HEALTH HOLDINGS INC | CALL | DELETED |
| 87817A 95 7 | TEAM HEALTH HOLDINGS INC | PUT | DELETED |
| 878237 10 6 * | TECH DATA CORP | COM | |
| 878237 90 6 | TECH DATA CORP | CALL | |
| 878237 95 6 | TECH DATA CORP | PUT | |
| 878409 10 1 | TECHNICAL COMMUNICATIONS COR | COM | |
| 87874R 10 0 * | TECHTARGET INC | COM | |
| 87874R 90 0 | TECHTARGET INC | CALL | |
| 87874R 95 0 | TECHTARGET INC | PUT | |
| 878742 20 4 * | TECK RESOURCES LTD | CL B | |
| 878742 90 4 | TECK RESOURCES LTD | CALL | |
| 878742 95 4 | TECK RESOURCES LTD | PUT | |
| 87876P 20 1 | TECOGEN INC NEW | COM NEW | |
| 87900Y AE 3 | TEEKAY CORPORATION | NOTE 5.000% 1/1 | ADDED |
| 87901J 10 5 * | TEGNA INC | COM | |
| 87901J 90 5 | TEGNA INC | CALL | |
| 87901J 95 5 | TEGNA INC | PUT | |
| 879080 10 9 * | TEJON RANCH CO | COM | |
| 879080 90 9 | TEJON RANCH CO | CALL | |
| 879080 95 9 | TEJON RANCH CO | PUT | |
| 879105 10 4 | TEKLA HEALTHCARE OPPORTUNIT | SHS | |
| 87911J 10 3 | TEKLA HEALTHCARE INVS | SH BEN INT | |
| 87911K 10 0 | TEKLA LIFE SCIENCES INVS | SH BEN INT | |
| 87911L 10 8 | TEKLA WORLD HEALTHCARE FD | BEN INT SHS | |
| 87918A AB 1 | TELADOC HEALTH INC | NOTE 3.000%12/1 | |
| 87918A AC 9 | TELADOC HEALTH INC | NOTE 1.375% 5/1 | ADDED |
| 87918A 10 5 * | TELADOC HEALTH INC | COM | |
| 87918A 90 5 | TELADOC HEALTH INC | CALL | |
| 87918A 95 5 | TELADOC HEALTH INC | PUT | |
| 879181 10 5 * | TELARIA INC | COM | |
| 879181 90 5 | TELARIA INC | CALL | |
| 879181 95 5 | TELARIA INC | PUT | |
| 87927Y 10 2 * | TELECOM ITALIA S P A NEW | SPON ADR ORD | |
| 87927Y 90 2 | TELECOM ITALIA S P A NEW | CALL | |

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| 87927Y 95 2 | TELECOM ITALIA S P A NEW | PUT | |
| 87927Y 20 1 | TELECOM ITALIA S P A NEW | SPON ADR SVGS | |
| 879273 20 9 * | TELECOM ARGENTINA S A | SPON ADR REP B | |
| 879273 90 9 | TELECOM ARGENTINA S A | CALL | |
| 879273 95 9 | TELECOM ARGENTINA S A | PUT | |
| 87936R 10 6 * | TELEFONICA BRASIL SA | SPONSORED ADR | |
| 87936R 90 6 | TELEFONICA BRASIL SA | CALL | |
| 87936R 95 6 | TELEFONICA BRASIL SA | PUT | |
| 879360 10 5 * | TELEDYNE TECHNOLOGIES INC | COM | |
| 879360 90 5 | TELEDYNE TECHNOLOGIES INC | CALL | |
| 879360 95 5 | TELEDYNE TECHNOLOGIES INC | PUT | |
| 879369 10 6 * | TELEFLEX INC | COM | |
| 879369 90 6 | TELEFLEX INC | CALL | |
| 879369 95 6 | TELEFLEX INC | PUT | |
| 879382 20 8 * | TELEFONICA S A | SPONSORED ADR | |
| 879382 90 8 | TELEFONICA S A | CALL | |
| 879382 95 8 | TELEFONICA S A | PUT | |
| 879433 82 9 * | TELEPHONE & DATA SYS INC | COM NEW | |
| 879433 90 9 | TELEPHONE & DATA SYS INC | CALL | |
| 879433 95 9 | TELEPHONE & DATA SYS INC | PUT | |
| 879455 10 3 * | TELENAV INC | COM | |
| 879455 90 3 | TELENAV INC | CALL | |
| 879455 95 3 | TELENAV INC | PUT | |
| 87960W AA 2 | TELIGENT INC NEW | NOTE 4.750% 5/0 | |
| 87960W 10 4 * | TELIGENT INC NEW | COM | |
| 87960W 90 4 | TELIGENT INC NEW | CALL | |
| 87960W 95 4 | TELIGENT INC NEW | PUT | |
| 87968A 10 4 * | TELLURIAN INC NEW | COM | |
| 87968A 90 4 | TELLURIAN INC NEW | CALL | |
| 87968A 95 4 | TELLURIAN INC NEW | PUT | |
| 87971M 10 3 * | TELUS CORP | COM | |
| 87971M 90 3 | TELUS CORP | CALL | |
| 87971M 95 3 | TELUS CORP | PUT | |
| 88018T 10 1 | TEMPLETON DRAGON FD INC | COM | |

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| 880191 10 1 | TEMPLETON EMERGING MKTS FD I | COM | |
| 880192 10 9 | TEMPLETON EMERG MKTS INCOME | COM | |
| 880198 10 6 | TEMPLETON GLOBAL INCOME FD | COM | |
| 88023U 10 1 * | TEMPUR SEALY INTL INC | COM | |
| 88023U 90 1 | TEMPUR SEALY INTL INC | CALL | |
| 88023U 95 1 | TEMPUR SEALY INTL INC | PUT | |
| 88025T 10 2 * | TENABLE HLDGS INC | COM | |
| 88025T 90 2 | TENABLE HLDGS INC | CALL | |
| 88025T 95 2 | TENABLE HLDGS INC | PUT | |
| 88031M 10 9 * | TENARIS S A | SPONSORED ADS | |
| 88031M 90 9 | TENARIS S A | CALL | |
| 88031M 95 9 | TENARIS S A | PUT | |
| 88032L 20 9 * | TENAX THERAPEUTICS INC | COM NEW | |
| 88032L 90 9 | TENAX THERAPEUTICS INC | CALL | |
| 88032L 95 9 | TENAX THERAPEUTICS INC | PUT | |
| 88033G 40 7 * | TENET HEALTHCARE CORP | COM NEW | |
| 88033G 90 7 | TENET HEALTHCARE CORP | CALL | |
| 88033G 95 7 | TENET HEALTHCARE CORP | PUT | |
| 88033R 50 2 | TENGASCO INC | COM PAR | |
| 88034P 10 9 * | TENCENT MUSIC ENTMT GROUP | SPON ADS | |
| 88034P 90 9 | TENCENT MUSIC ENTMT GROUP | CALL | |
| 88034P 95 9 | TENCENT MUSIC ENTMT GROUP | PUT | |
| 880345 10 3 * | TENNANT CO | COM | |
| 880345 90 3 | TENNANT CO | CALL | |
| 880345 95 3 | TENNANT CO | PUT | |
| 880349 10 5 * | TENNECO INC | CL A VTG COM STK | |
| 880349 90 5 | TENNECO INC | CALL | |
| 880349 95 5 | TENNECO INC | PUT | |
| 88076W 10 3 * | TERADATA CORP DEL | COM | |
| 88076W 90 3 | TERADATA CORP DEL | CALL | |
| 88076W 95 3 | TERADATA CORP DEL | PUT | |
| 880770 AG 7 | TERADYNE INC | NOTE 1.250%12/1 | |
| 880770 10 2 * | TERADYNE INC | COM | |
| 880770 90 2 | TERADYNE INC | CALL | |

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| 880770 95 2 | TERADYNE INC | PUT | |
| 880779 10 3 * | TEREX CORP NEW | COM | |
| 880779 90 3 | TEREX CORP NEW | CALL | |
| 880779 95 3 | TEREX CORP NEW | PUT | |
| 880890 10 8 * | TERNIUM SA | SPONSORED ADS | |
| 880890 90 8 | TERNIUM SA | CALL | |
| 880890 95 8 | TERNIUM SA | PUT | |
| 88104R 20 9 * | TERRAFORM PWR INC | COM CL A | |
| 88104R 90 9 | TERRAFORM PWR INC | CALL | |
| 88104R 95 9 | TERRAFORM PWR INC | PUT | |
| 88145X 10 8 * | TERRITORIAL BANCORP INC | COM | |
| 88145X 90 8 | TERRITORIAL BANCORP INC | CALL | |
| 88145X 95 8 | TERRITORIAL BANCORP INC | PUT | |
| 88146M 10 1 * | TERRENO RLTY CORP | COM | |
| 88146M 90 1 | TERRENO RLTY CORP | CALL | |
| 88146M 95 1 | TERRENO RLTY CORP | PUT | |
| 88160R AC 5 | TESLA INC | NOTE 1.250% 3/0 | |
| 88160R AD 3 | TESLA INC | NOTE 2.375% 3/1 | |
| 88160R AG 6 | TESLA INC | NOTE 2.000% 5/1 | ADDED |
| 88160R 10 1 * | TESLA INC | COM | |
| 88160R 90 1 | TESLA INC | CALL | |
| 88160R 95 1 | TESLA INC | PUT | |
| 88162F 10 5 * | TETRA TECHNOLOGIES INC DEL | COM | |
| 88162F 90 5 | TETRA TECHNOLOGIES INC DEL | CALL | |
| 88162F 95 5 | TETRA TECHNOLOGIES INC DEL | PUT | |
| 88162G 10 3 * | TETRA TECH INC NEW | COM | |
| 88162G 90 3 | TETRA TECH INC NEW | CALL | |
| 88162G 95 3 | TETRA TECH INC NEW | PUT | |
| 881624 20 9 * | TEVA PHARMACEUTICAL INDS LTD | SPONSORED ADS | |
| 881624 90 9 | TEVA PHARMACEUTICAL INDS LTD | CALL | |
| 881624 95 9 | TEVA PHARMACEUTICAL INDS LTD | PUT | |
| 88163V AE 9 | TEVA PHARMACEUTICAL FIN LLC | DCV 0.250% 2/0 | |
| 88165N 10 5 * | TETRAPHASE PHARMACEUTICALS I | COM | |
| 88165N 90 5 | TETRAPHASE PHARMACEUTICALS I | CALL | |

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|-----------------|------------------------------|---------------------------|---------------|
| 88165N 95 5 | TETRAPHASE PHARMACEUTICALS I | PUT | |
| 88166A 10 2 * | TEUCRIUM COMMODITY TR | CORN FD SHS | |
| 88166A 90 2 | TEUCRIUM COMMODITY TR | CALL | |
| 88166A 95 2 | TEUCRIUM COMMODITY TR | PUT | |
| 88166A 40 9 * | TEUCRIUM COMMODITY TR | SUGAR FD | |
| 88166A 90 9 | TEUCRIUM COMMODITY TR | CALL | |
| 88166A 95 9 | TEUCRIUM COMMODITY TR | PUT | |
| 88166A 50 8 * | TEUCRIUM COMMODITY TR | WHEAT FD | |
| 88166A 90 8 | TEUCRIUM COMMODITY TR | CALL | |
| 88166A 95 8 | TEUCRIUM COMMODITY TR | PUT | |
| 88166A 60 7 * | TEUCRIUM COMMODITY TR | SOYBEAN FD | |
| 88166A 90 7 | TEUCRIUM COMMODITY TR | CALL | |
| 88166A 95 7 | TEUCRIUM COMMODITY TR | PUT | |
| 88166A 70 6 | TEUCRIUM COMMODITY TR | AGRICULTURE FD | |
| 88224Q 10 7 * | TEXAS CAPITAL BANCSHARES INC | COM | |
| 88224Q 90 7 | TEXAS CAPITAL BANCSHARES INC | CALL | |
| 88224Q 95 7 | TEXAS CAPITAL BANCSHARES INC | PUT | |
| 882508 10 4 * | TEXAS INSTRS INC | COM | |
| 882508 90 4 | TEXAS INSTRS INC | CALL | |
| 882508 95 4 | TEXAS INSTRS INC | PUT | |
| 882610 10 8 * | TEXAS PAC LD TR | SUB CTF PROP I T | |
| 882610 90 8 | TEXAS PAC LD TR | CALL | |
| 882610 95 8 | TEXAS PAC LD TR | PUT | |
| 882681 10 9 * | TEXAS ROADHOUSE INC | COM | |
| 882681 90 9 | TEXAS ROADHOUSE INC | CALL | |
| 882681 95 9 | TEXAS ROADHOUSE INC | PUT | |
| 883203 10 1 * | TEXTRON INC | COM | |
| 883203 90 1 | TEXTRON INC | CALL | |
| 883203 95 1 | TEXTRON INC | PUT | |
| 88322Q 10 8 * | TG THERAPEUTICS INC | COM | |
| 88322Q 90 8 | TG THERAPEUTICS INC | CALL | |
| 88322Q 95 8 | TG THERAPEUTICS INC | PUT | |
| 88337K 20 3 * | THE9 LTD | SPON ADS CL A | |
| 88337K 90 3 | THE9 LTD | CALL | |

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| 88337K 95 3 | THE9 LTD | PUT | |
| 88338K 10 3 | THE ONE GROUP HOSPITALITY IN | COM | |
| 88338N 10 7 * | THERAPEUTICSMD INC | COM | |
| 88338N 90 7 | THERAPEUTICSMD INC | CALL | |
| 88338N 95 7 | THERAPEUTICSMD INC | PUT | |
| 88338T AB 0 | THERAVANCE INC | NOTE 2.125% 1/1 | |
| 88339A 20 3 | THERAPIX BIOSCIENCES LTD | SPONSORED ADS NE | |
| 88339J 10 5 * | THE TRADE DESK INC | COM CL A | |
| 88339J 90 5 | THE TRADE DESK INC | CALL | |
| 88339J 95 5 | THE TRADE DESK INC | PUT | |
| 88339K AA 0 | THERAVANCE BIOPHARMA INC | NOTE 3.250%11/0 | |
| 88339P 10 1 | THE REALREAL INC | COM | ADDED |
| 883556 10 2 * | THERMO FISHER SCIENTIFIC INC | COM | |
| 883556 90 2 | THERMO FISHER SCIENTIFIC INC | CALL | |
| 883556 95 2 | THERMO FISHER SCIENTIFIC INC | PUT | |
| 88362T 10 3 * | THERMON GROUP HLDGS INC | COM | |
| 88362T 90 3 | THERMON GROUP HLDGS INC | CALL | |
| 88362T 95 3 | THERMON GROUP HLDGS INC | PUT | |
| 88368Q 10 3 * | THESTREET INC | COM | DELETED |
| 88368Q 90 3 | THESTREET INC | CALL | DELETED |
| 88368Q 95 3 | THESTREET INC | PUT | DELETED |
| 88368Q 20 2 | THESTREET INC | COM NEW | ADDED |
| 884903 70 9 * | THOMSON REUTERS CORP | COM NEW | |
| 884903 90 9 | THOMSON REUTERS CORP | CALL | |
| 884903 95 9 | THOMSON REUTERS CORP | PUT | |
| 885160 10 1 * | THOR INDS INC | COM | |
| 885160 90 1 | THOR INDS INC | CALL | |
| 885160 95 1 | THOR INDS INC | PUT | |
| 88554D 20 5 * | 3-D SYS CORP DEL | COM NEW | |
| 88554D 90 5 | 3-D SYS CORP DEL | CALL | |
| 88554D 95 5 | 3-D SYS CORP DEL | PUT | |
| 88557W 10 1 | 360 FINANCE INC | ADS | |
| 88579C 10 9 | 3PEA INTL INC | COM | DELETED |
| 88579Y 10 1 * | 3M CO | COM | |

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| 88579Y 90 1 | 3M CO | CALL | |
| 88579Y 95 1 | 3M CO | PUT | |
| 88633A 10 7 | TIBERIUS ACQUISITION CORP | COM | |
| 88633A 11 5 | TIBERIUS ACQUISITION CORP | *W EXP 02/28/202 | |
| 88633A 20 6 | TIBERIUS ACQUISITION CORP | UNIT 02/28/2021 | |
| 886364 10 8 | TIDAL ETF TR | AWARE ULTRASHR | |
| 886364 20 7 | TIDAL ETF TR | SOFI SELCT 500 | ADDED |
| 886364 30 6 | TIDAL ETF TR | SOFI NEXT 500 | ADDED |
| 886364 40 5 | TIDAL ETF TR | SOFI 50 ETF | ADDED |
| 886364 50 4 | TIDAL ETF TR | SOFI GIG ETF | ADDED |
| 88642R 10 9 * | TIDEWATER INC NEW | COM | |
| 88642R 90 9 | TIDEWATER INC NEW | CALL | |
| 88642R 95 9 | TIDEWATER INC NEW | PUT | |
| 88642R 11 7 | TIDEWATER INC NEW | *W EXP 07/31/202 | |
| 88642R 12 5 | TIDEWATER INC NEW | *W EXP 07/31/202 | |
| 88642R 17 4 | TIDEWATER INC NEW | *W EXP 11/24/202 | |
| 88650V 20 8 * | TIER REIT INC | COM NEW | DELETED |
| 88650V 90 8 | TIER REIT INC | CALL | DELETED |
| 88650V 95 8 | TIER REIT INC | PUT | DELETED |
| 886547 10 8 * | TIFFANY & CO NEW | COM | |
| 886547 90 8 | TIFFANY & CO NEW | CALL | |
| 886547 95 8 | TIFFANY & CO NEW | PUT | |
| 88677Q 10 9 * | TILE SHOP HLDGS INC | COM | |
| 88677Q 90 9 | TILE SHOP HLDGS INC | CALL | |
| 88677Q 95 9 | TILE SHOP HLDGS INC | PUT | |
| 88680T 10 8 | TIGERSHARES TR | UP FINTEC CHIN US | |
| 88688T 10 0 * | TILRAY INC | COM CL 2 | |
| 88688T 90 0 | TILRAY INC | CALL | |
| 88688T 95 0 | TILRAY INC | PUT | |
| 886885 10 2 * | TILLYS INC | CL A | |
| 886885 90 2 | TILLYS INC | CALL | |
| 886885 95 2 | TILLYS INC | PUT | |
| 88706P 20 5 * | TIM PARTICIPACOES S A | SPONSORED ADR | |
| 88706P 90 5 | TIM PARTICIPACOES S A | CALL | |

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|---------------|------------------------------|--------------------|---------|
| 88706P 95 5 | TIM PARTICIPACOES S A | PUT | |
| 887098 10 1 | TIMBERLAND BANCORP INC | COM | |
| 887389 10 4 * | TIMKEN CO | COM | |
| 887389 90 4 | TIMKEN CO | CALL | |
| 887389 95 4 | TIMKEN CO | PUT | |
| 887399 AA 1 | TIMKENSTEEL CORP | NOTE 6.000% 6/0 | |
| 887399 10 3 * | TIMKENSTEEL CORP | COM | |
| 887399 90 3 | TIMKENSTEEL CORP | CALL | |
| 887399 95 3 | TIMKENSTEEL CORP | PUT | |
| 887432 32 6 | TIMOTHY PLAN | HIG DV STK ETF | ADDED |
| 887432 35 9 | TIMOTHY PLAN | US LRG CAP COR | ADDED |
| 88822Q 10 3 | TIPTREE INC | COM | |
| 88830M 10 2 * | TITAN INTL INC ILL | COM | |
| 88830M 90 2 | TITAN INTL INC ILL | CALL | |
| 88830M 95 2 | TITAN INTL INC ILL | PUT | |
| 88830R AB 7 | TITAN MACHY INC | NOTE 3.750% 5/0 | DELETED |
| 88830R 10 1 * | TITAN MACHY INC | COM | |
| 88830R 90 1 | TITAN MACHY INC | CALL | |
| 88830R 95 1 | TITAN MACHY INC | PUT | |
| 88830X 81 9 | TITAN MED INC | COM NEW | |
| 888314 50 7 * | TITAN PHARMACEUTICALS INC DE | COM | |
| 888314 90 7 | TITAN PHARMACEUTICALS INC DE | CALL | |
| 888314 95 7 | TITAN PHARMACEUTICALS INC DE | PUT | |
| 88870P 10 6 * | TIVO CORP | COM | |
| 88870P 90 6 | TIVO CORP | CALL | |
| 88870P 95 6 | TIVO CORP | PUT | |
| 88870R 10 2 * | TIVITY HEALTH INC | COM | |
| 88870R 90 2 | TIVITY HEALTH INC | CALL | |
| 88870R 95 2 | TIVITY HEALTH INC | PUT | |
| 88875G 10 1 | TIZIANA LIFE SCIENCES PLC | SPONSORED ADS | |
| 888846 10 2 * | TOCAGEN INC | COM | |
| 888846 90 2 | TOCAGEN INC | CALL | |
| 888846 95 2 | TOCAGEN INC | PUT | |
| 889478 10 3 * | TOLL BROTHERS INC | COM | |

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| 889478 90 3 | TOLL BROTHERS INC | CALL | |
| 889478 95 3 | TOLL BROTHERS INC | PUT | |
| 890110 10 9 * | TOMPKINS FINANCIAL CORPORATI | COM | |
| 890110 90 9 | TOMPKINS FINANCIAL CORPORATI | CALL | |
| 890110 95 9 | TOMPKINS FINANCIAL CORPORATI | PUT | |
| 890260 50 8 * | TONIX PHARMACEUTICALS HLDG C | COM NEW | |
| 890260 90 8 | TONIX PHARMACEUTICALS HLDG C | CALL | |
| 890260 95 8 | TONIX PHARMACEUTICALS HLDG C | PUT | |
| 890516 10 7 * | TOOTSIE ROLL INDS INC | COM | |
| 890516 90 7 | TOOTSIE ROLL INDS INC | CALL | |
| 890516 95 7 | TOOTSIE ROLL INDS INC | PUT | |
| 89055F 10 3 * | TOPBUILD CORP | COM | |
| 89055F 90 3 | TOPBUILD CORP | CALL | |
| 89055F 95 3 | TOPBUILD CORP | PUT | |
| 89102U 10 3 | TORCHLIGHT ENERGY RES INC | COM | |
| 891027 10 4 * | TORCHMARK CORP | COM | |
| 891027 90 4 | TORCHMARK CORP | CALL | |
| 891027 95 4 | TORCHMARK CORP | PUT | |
| 891092 10 8 * | TORO CO | COM | |
| 891092 90 8 | TORO CO | CALL | |
| 891092 95 8 | TORO CO | PUT | |
| 891160 50 9 * | TORONTO DOMINION BK ONT | COM NEW | |
| 891160 90 9 | TORONTO DOMINION BK ONT | CALL | |
| 891160 95 9 | TORONTO DOMINION BK ONT | PUT | |
| 89147L 10 0 | TORTOISE ENERGY INFRA CORP | COM | |
| 89147X 10 4 | TORTOISE PWR & ENERGY INFRAS | COM | |
| 89148A 10 3 | TORTOISE ESSENTIAL ASSETS IN | COM SH BEN INT | |
| 89148B 10 1 | TORTOISE MIDSTRM ENERGY FD I | COM | |
| 89148H 10 8 | TORTOISE PIPELINE & ENERGY F | COM | |
| 89148K 10 1 | TORTOISE ENERGY INDEPENDENC | COM | |
| 89151E 10 9 * | TOTAL S A | SPONSORED ADS | |
| 89151E 90 9 | TOTAL S A | CALL | |
| 89151E 95 9 | TOTAL S A | PUT | |
| 89154L 10 0 | TORTOISE ACQUISITION CORP | CL A | ADDED |

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| 89154L 11 8 | TORTOISE ACQUISITION CORP | *W EXP 03/04/202 | ADDED |
| 89154L 20 9 | TORTOISE ACQUISITION CORP | UNIT 03/04/2024 | |
| 89157G 11 6 | TOUGHBUILT INDUSTRIES INC | *W EXP 11/09/202 | |
| 89157G 20 7 | TOUGHBUILT INDUSTRIES INC | COM | |
| 89157G 30 6 | TOUGHBUILT INDUSTRIES INC | UNIT 10/10/20233 | |
| 891826 10 9 * | TOWER INTL INC | COM | |
| 891826 90 9 | TOWER INTL INC | CALL | |
| 891826 95 9 | TOWER INTL INC | PUT | |
| 891906 10 9 * | TOTAL SYS SVCS INC | COM | |
| 891906 90 9 | TOTAL SYS SVCS INC | CALL | |
| 891906 95 9 | TOTAL SYS SVCS INC | PUT | |
| 89214A 10 2 * | TOWN SPORTS INTL HLDGS INC | COM | |
| 89214A 90 2 | TOWN SPORTS INTL HLDGS INC | CALL | |
| 89214A 95 2 | TOWN SPORTS INTL HLDGS INC | PUT | |
| 89214P 10 9 * | TOWNEBANK PORTSMOUTH VA | COM | |
| 89214P 90 9 | TOWNEBANK PORTSMOUTH VA | CALL | |
| 89214P 95 9 | TOWNEBANK PORTSMOUTH VA | PUT | |
| 892231 10 1 * | TOWNSQUARE MEDIA INC | CL A | |
| 892231 90 1 | TOWNSQUARE MEDIA INC | CALL | |
| 892231 95 1 | TOWNSQUARE MEDIA INC | PUT | |
| 892331 30 7 * | TOYOTA MOTOR CORP | SP ADR REP2COM | |
| 892331 90 7 | TOYOTA MOTOR CORP | CALL | |
| 892331 95 7 | TOYOTA MOTOR CORP | PUT | |
| 892356 10 6 * | TRACTOR SUPPLY CO | COM | |
| 892356 90 6 | TRACTOR SUPPLY CO | CALL | |
| 892356 95 6 | TRACTOR SUPPLY CO | PUT | |
| 89237H 10 0 | TRACON PHARMACEUTICALS INC | COM | |
| 892672 10 6 * | TRADEWEB MKTS INC | CL A | ADDED |
| 892672 90 6 | TRADEWEB MKTS INC | CALL | ADDED |
| 892672 95 6 | TRADEWEB MKTS INC | PUT | ADDED |
| 892918 10 3 * | TRANSACT TECHNOLOGIES INC | COM | |
| 892918 90 3 | TRANSACT TECHNOLOGIES INC | CALL | |
| 892918 95 3 | TRANSACT TECHNOLOGIES INC | PUT | |
| 89336Q 10 0 * | TRANS WORLD ENTMT CORP | COM | |

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| 89336Q 90 0 | TRANS WORLD ENTMT CORP | CALL | |
| 89336Q 95 0 | TRANS WORLD ENTMT CORP | PUT | |
| 89346D 10 7 * | TRANSALTA CORP | COM | |
| 89346D 90 7 | TRANSALTA CORP | CALL | |
| 89346D 95 7 | TRANSALTA CORP | PUT | |
| 89349P 10 7 | TRANSAMERICA ETF TR | DELTASHS S&P 500 | |
| 89349P 20 6 | TRANSAMERICA ETF TR | DELTASHS S&P 400 | |
| 89349P 30 5 | TRANSAMERICA ETF TR | DELTASHS S&P 600 | |
| 89349P 40 4 | TRANSAMERICA ETF TR | DELTASHS S&P INT | |
| 89349P 50 3 | TRANSAMERICA ETF TR | DELTASHS S&P | |
| 893529 10 7 | TRANSCAT INC | COM | |
| 89353D 10 7 * | TRANSCANADA CORP | COM | DELETED |
| 89353D 90 7 | TRANSCANADA CORP | CALL | DELETED |
| 89353D 95 7 | TRANSCANADA CORP | PUT | DELETED |
| 893617 20 9 | TRANSCONTINENTAL RLTY INVS | COM NEW | |
| 893641 10 0 * | TRANSDIGM GROUP INC | COM | |
| 893641 90 0 | TRANSDIGM GROUP INC | CALL | |
| 893641 95 0 | TRANSDIGM GROUP INC | PUT | |
| 89366M 20 1 * | TRANSENTERIX INC | COM NEW | |
| 89366M 90 1 | TRANSENTERIX INC | CALL | |
| 89366M 95 1 | TRANSENTERIX INC | PUT | |
| 893662 10 6 * | TRANSGLOBE ENERGY CORP | COM | |
| 893662 90 6 | TRANSGLOBE ENERGY CORP | CALL | |
| 893662 95 6 | TRANSGLOBE ENERGY CORP | PUT | |
| 89374L 10 4 | TRANSLATE BIO INC | COM | |
| 89377M 10 9 | TRANSMEDICS GROUP INC | COM | ADDED |
| 893830 BJ 7 | TRANSOCEAN INC | DEB 0.500% 1/3 | |
| 893870 20 4 * | TRANSPORTADORA DE GAS SUR | SPONSORED ADS B | |
| 893870 90 4 | TRANSPORTADORA DE GAS SUR | CALL | |
| 893870 95 4 | TRANSPORTADORA DE GAS SUR | PUT | |
| 89400J 10 7 * | TRANSUNION | COM | |
| 89400J 90 7 | TRANSUNION | CALL | |
| 89400J 95 7 | TRANSUNION | PUT | |
| 89417E 10 9 * | TRAVELERS COMPANIES INC | COM | |

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| 89417E 90 9 | TRAVELERS COMPANIES INC | CALL | |
| 89417E 95 9 | TRAVELERS COMPANIES INC | PUT | |
| 894174 10 1 * | TRAVELCENTERS AMER LLC | COM | |
| 894174 90 1 | TRAVELCENTERS AMER LLC | CALL | |
| 894174 95 1 | TRAVELCENTERS AMER LLC | PUT | |
| 89421Q 20 5 * | TRAVELZOO | COM NEW | |
| 89421Q 90 5 | TRAVELZOO | CALL | |
| 89421Q 95 5 | TRAVELZOO | PUT | |
| 894648 10 4 * | TRECORA RES | COM | |
| 894648 90 4 | TRECORA RES | CALL | |
| 894648 95 4 | TRECORA RES | PUT | |
| 894650 10 0 * | TREDEGAR CORP | COM | |
| 894650 90 0 | TREDEGAR CORP | CALL | |
| 894650 95 0 | TREDEGAR CORP | PUT | |
| 89469A 10 4 * | TREEHOUSE FOODS INC | COM | |
| 89469A 90 4 | TREEHOUSE FOODS INC | CALL | |
| 89469A 95 4 | TREEHOUSE FOODS INC | PUT | |
| 894789 10 6 | TREMONT MTG TR | COM | |
| 89531P 10 5 * | TREX CO INC | COM | |
| 89531P 90 5 | TREX CO INC | CALL | |
| 89531P 95 5 | TREX CO INC | PUT | |
| 89532E 10 9 * | TREVENA INC | COM | |
| 89532E 90 9 | TREVENA INC | CALL | |
| 89532E 95 9 | TREVENA INC | PUT | |
| 89532M 10 1 | TREVI THERAPEUTICS INC | COM | ADDED |
| 895436 10 3 * | TRI CONTL CORP | COM | |
| 895436 90 3 | TRI CONTL CORP | CALL | |
| 895436 95 3 | TRI CONTL CORP | PUT | |
| 896047 50 3 * | TRIBUNE MEDIA CO | CL A | |
| 896047 90 3 | TRIBUNE MEDIA CO | CALL | |
| 896047 95 3 | TRIBUNE MEDIA CO | PUT | |
| 89609W 10 7 * | TRIBUNE PUBG CO NEW | COM | |
| 89609W 90 7 | TRIBUNE PUBG CO NEW | CALL | |
| 89609W 95 7 | TRIBUNE PUBG CO NEW | PUT | |

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|---------------|---------------------------|--------------------|--------|
| 896095 10 6 * | TRICO BANCSHARES | COM | |
| 896095 90 6 | TRICO BANCSHARES | CALL | |
| 896095 95 6 | TRICO BANCSHARES | PUT | |
| 89610F 10 1 | TRICIDA INC | COM | |
| 89615T 10 6 | TRIDENT ACQUISITIONS CORP | COM | |
| 89615T 11 4 | TRIDENT ACQUISITIONS CORP | *W EXP 05/09/202 | |
| 89615T 20 5 | TRIDENT ACQUISITIONS CORP | UNIT 05/09/2023 | |
| 89620X 50 6 * | TRILLIUM THERAPEUTICS INC | COM NEW | |
| 89620X 90 6 | TRILLIUM THERAPEUTICS INC | CALL | |
| 89620X 95 6 | TRILLIUM THERAPEUTICS INC | PUT | |
| 89621C 10 5 * | TRILOGY METALS INC NEW | COM | |
| 89621C 90 5 | TRILOGY METALS INC NEW | CALL | |
| 89621C 95 5 | TRILOGY METALS INC NEW | PUT | |
| 896215 20 9 * | TRIMAS CORP | COM NEW | |
| 896215 90 9 | TRIMAS CORP | CALL | |
| 896215 95 9 | TRIMAS CORP | PUT | |
| 896239 10 0 * | TRIMBLE INC | COM | |
| 896239 90 0 | TRIMBLE INC | CALL | |
| 896239 95 0 | TRIMBLE INC | PUT | |
| 89628U 10 8 | TRINE ACQUISITION CORP | COM CL A | ADDED |
| 89628U 11 6 | TRINE ACQUISITION CORP | *W EXP 03/31/202 | ADDED |
| 89628U 20 7 | TRINE ACQUISITION CORP | UNIT 03/31/2021 | |
| 89628W 30 2 | TRIMTABS ETF TR | ALL CAP US FREE | |
| 89628W 40 1 | TRIMTABS ETF TR | ALL CAP INTL | |
| 896288 10 7 * | TRINET GROUP INC | COM | |
| 896288 90 7 | TRINET GROUP INC | CALL | |
| 896288 95 7 | TRINET GROUP INC | PUT | |
| 89643Q AB 4 | TRINITY BIOTECH INVT LTD | NOTE 4.000% 4/0 | |
| 896438 30 6 * | TRINITY BIOTECH PLC | SPON ADR NEW | |
| 896438 90 6 | TRINITY BIOTECH PLC | CALL | |
| 896438 95 6 | TRINITY BIOTECH PLC | PUT | |
| 896522 10 9 * | TRINITY INDS INC | COM | |
| 896522 90 9 | TRINITY INDS INC | CALL | |
| 896522 95 9 | TRINITY INDS INC | PUT | |

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| 89653L 10 6 | TRINITY MERGER CORP | COM CL A | |
| 89653L 11 4 | TRINITY MERGER CORP | *W EXP 05/11/202 | |
| 89653L 20 5 | TRINITY MERGER CORP | UNIT 05/11/2025 | |
| 89656D 10 1 | TRINITY PL HLDGS INC | COM | |
| 896712 20 5 | TRIO TECH INTL | COM NEW | |
| 896749 10 8 * | TRIPLE-S MGMT CORP | CL B | |
| 896749 90 8 | TRIPLE-S MGMT CORP | CALL | |
| 896749 95 8 | TRIPLE-S MGMT CORP | PUT | |
| 89677Y 10 0 * | TRIPLEPOINT VENTURE GROWTH B | COM | |
| 89677Y 90 0 | TRIPLEPOINT VENTURE GROWTH B | CALL | |
| 89677Y 95 0 | TRIPLEPOINT VENTURE GROWTH B | PUT | |
| 89678F 10 0 | TRISTATE CAP HLDGS INC | COM | |
| 89679E 30 0 * | TRIUMPH BANCORP INC | COM | |
| 89679E 90 0 | TRIUMPH BANCORP INC | CALL | |
| 89679E 95 0 | TRIUMPH BANCORP INC | PUT | |
| 896818 10 1 * | TRIUMPH GROUP INC NEW | COM | |
| 896818 90 1 | TRIUMPH GROUP INC NEW | CALL | |
| 896818 95 1 | TRIUMPH GROUP INC NEW | PUT | |
| 89686D 10 5 * | TRIVAGO N V | SPON ADS A SHS | |
| 89686D 90 5 | TRIVAGO N V | CALL | |
| 89686D 95 5 | TRIVAGO N V | PUT | |
| 896945 20 1 * | TRIPADVISOR INC | COM | |
| 896945 90 1 | TRIPADVISOR INC | CALL | |
| 896945 95 1 | TRIPADVISOR INC | PUT | |
| 897238 60 6 | TROVAGENE INC | COM | |
| 89785L 10 7 * | TRUECAR INC | COM | |
| 89785L 90 7 | TRUECAR INC | CALL | |
| 89785L 95 7 | TRUECAR INC | PUT | |
| 89785X 10 1 * | TRUEBLUE INC | COM | |
| 89785X 90 1 | TRUEBLUE INC | CALL | |
| 89785X 95 1 | TRUEBLUE INC | PUT | |
| 897888 AB 9 | TRULIA INC | NOTE 2.750%12/1 | |
| 898202 10 6 * | TRUPANION INC | COM | |
| 898202 90 6 | TRUPANION INC | CALL | |

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| 898202 95 6 | TRUPANION INC | PUT | |
| 898349 10 5 * | TRUSTCO BK CORP N Y | COM | |
| 898349 90 5 | TRUSTCO BK CORP N Y | CALL | |
| 898349 95 5 | TRUSTCO BK CORP N Y | PUT | |
| 898402 10 2 * | TRUSTMARK CORP | COM | |
| 898402 90 2 | TRUSTMARK CORP | CALL | |
| 898402 95 2 | TRUSTMARK CORP | PUT | |
| 89853L 10 4 * | T2 BIOSYSTEMS INC | COM | |
| 89853L 90 4 | T2 BIOSYSTEMS INC | CALL | |
| 89853L 95 4 | T2 BIOSYSTEMS INC | PUT | |
| 89854H 10 2 * | TTEC HLDGS INC | COM | |
| 89854H 90 2 | TTEC HLDGS INC | CALL | |
| 89854H 95 2 | TTEC HLDGS INC | PUT | |
| 89856T 10 4 | TUANCHE LTD | ADS | |
| 898697 20 6 * | TUCOWS INC | COM NEW | |
| 898697 90 6 | TUCOWS INC | CALL | |
| 898697 95 6 | TUCOWS INC | PUT | |
| 899035 50 5 * | TUESDAY MORNING CORP | COM NEW | |
| 899035 90 5 | TUESDAY MORNING CORP | CALL | |
| 899035 95 5 | TUESDAY MORNING CORP | PUT | |
| 89977P 10 6 * | TUNIU CORP | SPONSORED ADS A | |
| 89977P 90 6 | TUNIU CORP | CALL | |
| 89977P 95 6 | TUNIU CORP | PUT | |
| 899896 10 4 * | TUPPERWARE BRANDS CORP | COM | |
| 899896 90 4 | TUPPERWARE BRANDS CORP | CALL | |
| 899896 95 4 | TUPPERWARE BRANDS CORP | PUT | |
| 900111 20 4 * | TURKCELL ILETISIM HIZMETLERI | SPON ADR NEW | |
| 900111 90 4 | TURKCELL ILETISIM HIZMETLERI | CALL | |
| 900111 95 4 | TURKCELL ILETISIM HIZMETLERI | PUT | |
| 90041L 10 5 * | TURNING PT BRANDS INC | COM | |
| 90041L 90 5 | TURNING PT BRANDS INC | CALL | |
| 90041L 95 5 | TURNING PT BRANDS INC | PUT | |
| 90041T 10 8 | TURNING POINT THERAPEUTICS I | COM | ADDED |
| 900435 10 8 * | TURQUOISE HILL RES LTD | COM | |

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| 900435 90 8 | TURQUOISE HILL RES LTD | CALL | |
| 900435 95 8 | TURQUOISE HILL RES LTD | PUT | |
| 900450 20 6 * | TURTLE BEACH CORP | COM NEW | |
| 900450 90 6 | TURTLE BEACH CORP | CALL | |
| 900450 95 6 | TURTLE BEACH CORP | PUT | |
| 90069K 10 4 | TUSCAN HOLDINGS CORP | COM | |
| 90069K 11 2 | TUSCAN HOLDINGS CORP | *W EXP 04/01/202 | |
| 90069K 20 3 | TUSCAN HOLDINGS CORP | UNIT 99/99/9999 | |
| 901109 AD 0 | TUTOR PERINI CORP | NOTE 2.875% 6/1 | |
| 901109 10 8 * | TUTOR PERINI CORP | COM | |
| 901109 90 8 | TUTOR PERINI CORP | CALL | |
| 901109 95 8 | TUTOR PERINI CORP | PUT | |
| 90137F 10 3 * | 22ND CENTY GROUP INC | COM | |
| 90137F 90 3 | 22ND CENTY GROUP INC | CALL | |
| 90137F 95 3 | 22ND CENTY GROUP INC | PUT | |
| 90138A 10 3 * | 21VIANET GROUP INC | SPONSORED ADS A | |
| 90138A 90 3 | 21VIANET GROUP INC | CALL | |
| 90138A 95 3 | 21VIANET GROUP INC | PUT | |
| 90138F AB 8 | TWILIO INC | NOTE 0.250% 6/0 | ADDED |
| 90138F 10 2 * | TWILIO INC | CL A | |
| 90138F 90 2 | TWILIO INC | CALL | |
| 90138F 95 2 | TWILIO INC | PUT | |
| 901476 10 1 * | TWIN DISC INC | COM | |
| 901476 90 1 | TWIN DISC INC | CALL | |
| 901476 95 1 | TWIN DISC INC | PUT | |
| 90171V 20 4 | TWIN RIV WORLDWIDE HLDGS INC | COM | |
| 90184D 10 0 | TWIST BIOSCIENCE CORP | COM | |
| 90184L AB 8 | TWITTER INC | NOTE 0.250% 9/1 | |
| 90184L AD 4 | TWITTER INC | NOTE 1.000% 9/1 | |
| 90184L AF 9 | TWITTER INC | NOTE 0.250% 6/1 | ADDED |
| 90184L 10 2 * | TWITTER INC | COM | |
| 90184L 90 2 | TWITTER INC | CALL | |
| 90184L 95 2 | TWITTER INC | PUT | |
| 90187B AA 9 | TWO HBRS INVT CORP | NOTE 6.250% 1/1 | ADDED |

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|-----------------|------------------------|---------------------------|---------------|
| 90187B 40 8 * | TWO HBRS INVT CORP | COM NEW | |
| 90187B 90 8 | TWO HBRS INVT CORP | CALL | |
| 90187B 95 8 | TWO HBRS INVT CORP | PUT | |
| 90207C 10 5 | TWO RIV BANCORP | COM | |
| 902104 AB 4 | II VI INC | NOTE 0.250% 9/0 | |
| 902104 10 8 * | II VI INC | COM | |
| 902104 90 8 | II VI INC | CALL | |
| 902104 95 8 | II VI INC | PUT | |
| 90213U 11 5 | TWO RDS SHARED TR | ANFIELD CAP DI | |
| 90214J 10 1 * | 2U INC | COM | |
| 90214J 90 1 | 2U INC | CALL | |
| 90214J 95 1 | 2U INC | PUT | |
| 90214Q 10 5 | TWO RDS SHARED TR | AFFINITY WORLD | |
| 90214Q 76 6 | TWO RDS SHARED TR | ANFIELD UNVL ETF | |
| 90214Q 77 4 | TWO RDS SHARED TR | LDRSHS ALPFACT | |
| 902252 10 5 * | TYLER TECHNOLOGIES INC | COM | |
| 902252 90 5 | TYLER TECHNOLOGIES INC | CALL | |
| 902252 95 5 | TYLER TECHNOLOGIES INC | PUT | |
| 90238J 10 3 * | TYME TECHNOLOGIES INC | COM | |
| 90238J 90 3 | TYME TECHNOLOGIES INC | CALL | |
| 90238J 95 3 | TYME TECHNOLOGIES INC | PUT | |
| 902494 10 3 * | TYSON FOODS INC | CL A | |
| 902494 90 3 | TYSON FOODS INC | CALL | |
| 902494 95 3 | TYSON FOODS INC | PUT | |
| 902641 58 8 | UBS AG JERSEY BRH | ETRAC WELLS BDCI | |
| 902641 62 0 | UBS AG JERSEY BRH | LKD ALRN NTGAS | |
| 902641 64 6 * | UBS AG JERSEY BRH | ALERIAN INFRST | |
| 902641 90 6 | UBS AG JERSEY BRH | CALL | |
| 902641 95 6 | UBS AG JERSEY BRH | PUT | |
| 902641 67 9 | UBS AG JERSEY BRH | DJ COMMD ETN39 | |
| 902641 73 7 | UBS AG JERSEY BRH | CMCI FOOD ETN | |
| 902641 76 0 | UBS AG JERSEY BRH | CMCI AGRI ETN | |
| 902641 77 8 | UBS AG JERSEY BRH | CMCI ETN 38 | |
| 902641 79 4 | UBS AG JERSEY BRH | CMCI SILVR ETN | |

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| 902641 81 0 | UBS AG JERSEY BRH | CMCI GOLD ETN | |
| 902653 10 4 * | UDR INC | COM | |
| 902653 90 4 | UDR INC | CALL | |
| 902653 95 4 | UDR INC | PUT | |
| 90267B 68 2 | UBS AG LONDON BRH | ETRAC ALER MLP | |
| 90267B 76 5 | UBS AG LONDON BRH | ETRAC 2X LEV LNG | |
| 90267L 40 9 | UBS AG LONDON BRH | ETRACS 2XLVS&P | |
| 902673 10 2 | UFP TECHNOLOGIES INC | COM | |
| 902677 78 0 | UBS AG LONDON BRH | EN LG CP GRWTH | |
| 90268G 60 7 | UBS AG LONDON BRH | ETRACS MP2X DJ | |
| 902681 10 5 * | UGI CORP NEW | COM | |
| 902681 90 5 | UGI CORP NEW | CALL | |
| 902681 95 5 | UGI CORP NEW | PUT | |
| 90269A 30 2 | UBS AG LONDON BRH | ETRACS MTH2XRE | |
| 90270L 35 4 | UBS AG LONDON BRH | SER B LKD 46 | |
| 90270L 72 7 | UBS AG LONDON BRH | 2XLEV US HG DV | |
| 90270L 84 2 | UBS AG LONDON BRH | ETRACS MTH 2XLV | |
| 90270L 85 9 | UBS AG LONDON BRH | ETRAC MP2X LEV | |
| 90273A 20 7 | UBS AG LONDON BRH | MLP EX ENERGY | |
| 90274D 21 8 | UBS AG LONDON BRH | FI ENHANCD ETN | |
| 90274D 23 4 | UBS AG LONDON BRH | FI ENHAN EUR ETN | |
| 90274D 24 2 | UBS AG LONDON BRH | NT SPMLP 46 | |
| 90274D 25 9 | UBS AG LONDON BRH | NT AMZI 46 | |
| 90274D 37 4 | UBS AG LONDON BRH | ETRACS ALERIAN M | |
| 90274D 38 2 | UBS AG LONDON BRH | ETRACS ALER MLP | |
| 90274D 39 0 | UBS AG LONDON BRH | ETRACS UBS BLOOM | |
| 90274D 41 6 | UBS AG LONDON BRH | ETRACS WF BUS DE | |
| 90274D 42 4 | UBS AG LONDON BRH | 2XLEVE ETRACS WF | |
| 90274D 43 2 | UBS AG LONDON BRH | ETRACS MNTLY PAY | |
| 90274D 83 8 | UBS AG LONDON BRH | ETRACS MNT ETN | |
| 90274E 11 7 | UBS AG LONDON BRH | NT LKD 46 | |
| 90274E 12 5 | UBS AG LONDON BRH | NT LKD 46 | |
| 90274E 16 6 | UBS AG LONDON BRH | ETRACS MNTHLY B | |
| 90274E 17 4 | UBS AG LONDON BRH | ETRACS 2XM ETN | |

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| 90274E 25 7 | UBS AG LONDON BRH | ETRACS NYSE | |
| 90274E 81 0 | UBS AG LONDON BRH | VLCTY 1X DLY ETN | |
| 90274E 82 8 * | UBS AG LONDON BRH | VELCTY 1X ETN 47 | |
| 90274E 90 8 | UBS AG LONDON BRH | CALL | |
| 90274E 95 8 | UBS AG LONDON BRH | PUT | |
| 90274P 30 2 | UBS AG LONDON BRANCH | MNT REST 2X LV | |
| 90274R 10 0 | UBS AG LONDON BRH | 2X LEV MSCI US | |
| 902788 10 8 * | UMB FINL CORP | COM | |
| 902788 90 8 | UMB FINL CORP | CALL | |
| 902788 95 8 | UMB FINL CORP | PUT | |
| 90290N 10 9 * | USA COMPRESSION PARTNERS LP | COMUNIT LTDPAR | |
| 90290N 90 9 | USA COMPRESSION PARTNERS LP | CALL | |
| 90290N 95 9 | USA COMPRESSION PARTNERS LP | PUT | |
| 90290T 60 1 | USCF ETF TR | SUMERHAVEN PVT | |
| 90290T 70 0 | USCF ETF TR | SUMERHAVEN EQT | |
| 90290T 80 9 | USCF ETF TR | SUMMERHAVEN K1 | |
| 90291C 10 2 | U S GOLD CORP | COM PAR NEW | |
| 90291F 10 5 | USAA ETF TR | MSCI USA VL MT | |
| 90291F 20 4 | USAA ETF TR | MSCI USA SMALL | |
| 90291F 30 3 | USAA ETF TR | MSCI INTL VLU | |
| 90291F 40 2 | USAA ETF TR | MSCI EMRG MKTS | |
| 90291F 50 1 | USAA ETF TR | CORE SHRT BD | |
| 90291F 60 0 | USAA ETF TR | CORE INTRMDITE | |
| 902925 10 6 * | USA TRUCK INC | COM | |
| 902925 90 6 | USA TRUCK INC | CALL | |
| 902925 95 6 | USA TRUCK INC | PUT | |
| 902952 10 0 * | U S GLOBAL INVS INC | CL A | |
| 902952 90 0 | U S GLOBAL INVS INC | CALL | |
| 902952 95 0 | U S GLOBAL INVS INC | PUT | |
| 902973 30 4 * | US BANCORP DEL | COM NEW | |
| 902973 90 4 | US BANCORP DEL | CALL | |
| 902973 95 4 | US BANCORP DEL | PUT | |
| 903002 10 3 * | UMH PPTYS INC | COM | |
| 903002 90 3 | UMH PPTYS INC | CALL | |

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| 903002 95 3 | UMH PPTYS INC | PUT | |
| 903213 10 6 * | UQM TECHNOLOGIES INC | COM | |
| 903213 90 6 | UQM TECHNOLOGIES INC | CALL | |
| 903213 95 6 | UQM TECHNOLOGIES INC | PUT | |
| 903214 10 4 | UNUM THERAPEUTICS INC | COM | |
| 90328M 10 7 * | USANA HEALTH SCIENCES INC | COM | |
| 90328M 90 7 | USANA HEALTH SCIENCES INC | CALL | |
| 90328M 95 7 | USANA HEALTH SCIENCES INC | PUT | |
| 90328S 20 3 | USA TECHNOLOGIES INC | CONV PFD SER A | |
| 90328S 50 0 * | USA TECHNOLOGIES INC | COM NO PAR | |
| 90328S 90 0 | USA TECHNOLOGIES INC | CALL | |
| 90328S 95 0 | USA TECHNOLOGIES INC | PUT | |
| 903293 40 5 * | U S G CORP | COM NEW | DELETED |
| 903293 90 5 | U S G CORP | CALL | DELETED |
| 903293 95 5 | U S G CORP | PUT | DELETED |
| 903318 10 3 * | USD PARTNERS LP | COM UT REP LTD | |
| 903318 90 3 | USD PARTNERS LP | CALL | |
| 903318 95 3 | USD PARTNERS LP | PUT | |
| 90333L 20 1 * | U S CONCRETE INC | COM NEW | |
| 90333L 90 1 | U S CONCRETE INC | CALL | |
| 90333L 95 1 | U S CONCRETE INC | PUT | |
| 90337L 10 8 * | U S PHYSICAL THERAPY INC | COM | |
| 90337L 90 8 | U S PHYSICAL THERAPY INC | CALL | |
| 90337L 95 8 | U S PHYSICAL THERAPY INC | PUT | |
| 90338N 20 2 * | US XPRESS ENTERPRISES INC | COM CL A | |
| 90338N 90 2 | US XPRESS ENTERPRISES INC | CALL | |
| 90338N 95 2 | US XPRESS ENTERPRISES INC | PUT | |
| 90343C 10 0 | U.S. AUTO PARTS NETWORK INC | COM | |
| 90346E 10 3 * | U S SILICA HLDGS INC | COM | |
| 90346E 90 3 | U S SILICA HLDGS INC | CALL | |
| 90346E 95 3 | U S SILICA HLDGS INC | PUT | |
| 90347A 10 0 * | UBIQUITI NETWORKS INC | COM | |
| 90347A 90 0 | UBIQUITI NETWORKS INC | CALL | |
| 90347A 95 0 | UBIQUITI NETWORKS INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 90353T 10 0 * | UBER TECHNOLOGIES INC | COM | ADDED |
| 90353T 90 0 | UBER TECHNOLOGIES INC | CALL | ADDED |
| 90353T 95 0 | UBER TECHNOLOGIES INC | PUT | ADDED |
| 90384S 30 3 * | ULTA BEAUTY INC | COM | |
| 90384S 90 3 | ULTA BEAUTY INC | CALL | |
| 90384S 95 3 | ULTA BEAUTY INC | PUT | |
| 90385D 10 7 * | ULTIMATE SOFTWARE GROUP INC | COM | DELETED |
| 90385D 90 7 | ULTIMATE SOFTWARE GROUP INC | CALL | DELETED |
| 90385D 95 7 | ULTIMATE SOFTWARE GROUP INC | PUT | DELETED |
| 90385V 10 7 * | ULTRA CLEAN HLDGS INC | COM | |
| 90385V 90 7 | ULTRA CLEAN HLDGS INC | CALL | |
| 90385V 95 7 | ULTRA CLEAN HLDGS INC | PUT | |
| 903899 10 2 * | ULTRALIFE CORP | COM | |
| 903899 90 2 | ULTRALIFE CORP | CALL | |
| 903899 95 2 | ULTRALIFE CORP | PUT | |
| 903914 20 8 * | ULTRA PETROLEUM CORP | COM NEW | |
| 903914 90 8 | ULTRA PETROLEUM CORP | CALL | |
| 903914 95 8 | ULTRA PETROLEUM CORP | PUT | |
| 90400D 10 8 * | ULTRAGENYX PHARMACEUTICAL IN | COM | |
| 90400D 90 8 | ULTRAGENYX PHARMACEUTICAL IN | CALL | |
| 90400D 95 8 | ULTRAGENYX PHARMACEUTICAL IN | PUT | |
| 90400P 10 1 * | ULTRAPAR PARTICIPACOES S A | SP ADR REP COM | |
| 90400P 90 1 | ULTRAPAR PARTICIPACOES S A | CALL | |
| 90400P 95 1 | ULTRAPAR PARTICIPACOES S A | PUT | |
| 904214 10 3 * | UMPQUA HLDGS CORP | COM | |
| 904214 90 3 | UMPQUA HLDGS CORP | CALL | |
| 904214 95 3 | UMPQUA HLDGS CORP | PUT | |
| 904311 10 7 * | UNDER ARMOUR INC | CL A | |
| 904311 90 7 | UNDER ARMOUR INC | CALL | |
| 904311 95 7 | UNDER ARMOUR INC | PUT | |
| 904311 20 6 * | UNDER ARMOUR INC | CL C | |
| 904311 90 6 | UNDER ARMOUR INC | CALL | |
| 904311 95 6 | UNDER ARMOUR INC | PUT | |
| 904607 10 8 | UNICO AMERN CORP | COM | |

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| 904677 20 0 * | UNIFI INC | COM NEW | |
| 904677 90 0 | UNIFI INC | CALL | |
| 904677 95 0 | UNIFI INC | PUT | |
| 904708 10 4 * | UNIFIRST CORP MASS | COM | |
| 904708 90 4 | UNIFIRST CORP MASS | CALL | |
| 904708 95 4 | UNIFIRST CORP MASS | PUT | |
| 904767 70 4 * | UNILEVER PLC | SPON ADR NEW | |
| 904767 90 4 | UNILEVER PLC | CALL | |
| 904767 95 4 | UNILEVER PLC | PUT | |
| 904784 70 9 * | UNILEVER N V | N Y SHS NEW | |
| 904784 90 9 | UNILEVER N V | CALL | |
| 904784 95 9 | UNILEVER N V | PUT | |
| 90539J 10 9 * | UNION BANKSHARES CORP NEW | COM | DELETED |
| 90539J 90 9 | UNION BANKSHARES CORP NEW | CALL | DELETED |
| 90539J 95 9 | UNION BANKSHARES CORP NEW | PUT | DELETED |
| 905400 10 7 | UNION BANKSHARES INC | COM | |
| 907818 10 8 * | UNION PACIFIC CORP | COM | |
| 907818 90 8 | UNION PACIFIC CORP | CALL | |
| 907818 95 8 | UNION PACIFIC CORP | PUT | |
| 90915J 10 3 | UNIQUE FABRICATING INC | COM | |
| 909214 BS 6 | UNISYS CORP | NOTE 5.500% 3/0 | |
| 909214 30 6 * | UNISYS CORP | COM NEW | |
| 909214 90 6 | UNISYS CORP | CALL | |
| 909214 95 6 | UNISYS CORP | PUT | |
| 909218 10 9 * | UNIT CORP | COM | |
| 909218 90 9 | UNIT CORP | CALL | |
| 909218 95 9 | UNIT CORP | PUT | |
| 909458 10 1 | UNITED BANCSHARES INC OHIO | COM | |
| 909839 10 2 * | UNITED CMNTY FINL CORP OHIO | COM | |
| 909839 90 2 | UNITED CMNTY FINL CORP OHIO | CALL | |
| 909839 95 2 | UNITED CMNTY FINL CORP OHIO | PUT | |
| 90984P 30 3 * | UNITED CMNTY BKS BLAIRSVLE G | COM | |
| 90984P 90 3 | UNITED CMNTY BKS BLAIRSVLE G | CALL | |
| 90984P 95 3 | UNITED CMNTY BKS BLAIRSVLE G | PUT | |

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| 909907 10 7 * | UNITED BANKSHARES INC WEST V | COM | |
| 909907 90 7 | UNITED BANKSHARES INC WEST V | CALL | |
| 909907 95 7 | UNITED BANKSHARES INC WEST V | PUT | |
| 909911 10 9 | UNITED BANCORP INC OHIO | COM | |
| 910047 10 9 * | UNITED CONTL HLDGS INC | COM | |
| 910047 90 9 | UNITED CONTL HLDGS INC | CALL | |
| 910047 95 9 | UNITED CONTL HLDGS INC | PUT | |
| 910304 10 4 * | UNITED FINL BANCORP INC NEW | COM | |
| 910304 90 4 | UNITED FINL BANCORP INC NEW | CALL | |
| 910304 95 4 | UNITED FINL BANCORP INC NEW | PUT | |
| 910340 10 8 * | UNITED FIRE GROUP INC | COM | |
| 910340 90 8 | UNITED FIRE GROUP INC | CALL | |
| 910340 95 8 | UNITED FIRE GROUP INC | PUT | |
| 910571 10 8 | UNITED GUARDIAN INC | COM | |
| 910710 10 2 * | UNITED INS HLDGS CORP | COM | |
| 910710 90 2 | UNITED INS HLDGS CORP | CALL | |
| 910710 95 2 | UNITED INS HLDGS CORP | PUT | |
| 910873 40 5 * | UNITED MICROELECTRONICS CORP | SPON ADR NEW | |
| 910873 90 5 | UNITED MICROELECTRONICS CORP | CALL | |
| 910873 95 5 | UNITED MICROELECTRONICS CORP | PUT | |
| 911163 10 3 * | UNITED NAT FOODS INC | COM | |
| 911163 90 3 | UNITED NAT FOODS INC | CALL | |
| 911163 95 3 | UNITED NAT FOODS INC | PUT | |
| 911312 10 6 * | UNITED PARCEL SERVICE INC | CL B | |
| 911312 90 6 | UNITED PARCEL SERVICE INC | CALL | |
| 911312 95 6 | UNITED PARCEL SERVICE INC | PUT | |
| 911363 10 9 * | UNITED RENTALS INC | COM | |
| 911363 90 9 | UNITED RENTALS INC | CALL | |
| 911363 95 9 | UNITED RENTALS INC | PUT | |
| 911460 10 3 | UNITED SECURITY BANCSHARES C | COM | |
| 911549 10 3 * | UNITED STATES ANTIMONY CORP | COM | |
| 911549 90 3 | UNITED STATES ANTIMONY CORP | CALL | |
| 911549 95 3 | UNITED STATES ANTIMONY CORP | PUT | |
| 91167Q 10 0 * | UNITED STS BRENT OIL FD LP | UNIT | |

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| 91167Q 90 0 | UNITED STS BRENT OIL FD LP | CALL | |
| 91167Q 95 0 | UNITED STS BRENT OIL FD LP | PUT | |
| 911684 10 8 * | UNITED STATES CELLULAR CORP | COM | |
| 911684 90 8 | UNITED STATES CELLULAR CORP | CALL | |
| 911684 95 8 | UNITED STATES CELLULAR CORP | PUT | |
| 911717 10 6 | UNITED STS COMMODITY INDEX F | COMM IDX FND | |
| 911718 10 4 | UNITED STS COMMODITY IDX FDT | CM REP COPP FD | |
| 911805 20 8 * | U S ENERGY CORP WYO | COM NEW | |
| 911805 90 8 | U S ENERGY CORP WYO | CALL | |
| 911805 95 8 | U S ENERGY CORP WYO | PUT | |
| 911922 10 2 | UNITED STATES LIME & MINERAL | COM | |
| 912008 10 9 * | US FOODS HLDG CORP | COM | |
| 912008 90 9 | US FOODS HLDG CORP | CALL | |
| 912008 95 9 | US FOODS HLDG CORP | PUT | |
| 91201T 10 2 * | UNITED STS GASOLINE FD LP | UNITS | |
| 91201T 90 2 | UNITED STS GASOLINE FD LP | CALL | |
| 91201T 95 2 | UNITED STS GASOLINE FD LP | PUT | |
| 912318 30 0 * | UNITED STATES NATL GAS FUND | UNIT PAR | |
| 912318 90 0 | UNITED STATES NATL GAS FUND | CALL | |
| 912318 95 0 | UNITED STATES NATL GAS FUND | PUT | |
| 91232N 10 8 * | UNITED STATES OIL FUND LP | UNITS | |
| 91232N 90 8 | UNITED STATES OIL FUND LP | CALL | |
| 91232N 95 8 | UNITED STATES OIL FUND LP | PUT | |
| 91274U 10 1 | U S WELL SVCS INC | CL A | |
| 91274U 11 9 | U S WELL SVCS INC | *W EXP 03/15/202 | |
| 91288V 10 3 * | UNITED STS 12 MONTH OIL FD L | UNIT BEN INT | |
| 91288V 90 3 | UNITED STS 12 MONTH OIL FD L | CALL | |
| 91288V 95 3 | UNITED STS 12 MONTH OIL FD L | PUT | |
| 91288X 10 9 * | UNITED STS 12 MONTH NAT GAS | UNIT BEN INT | |
| 91288X 90 9 | UNITED STS 12 MONTH NAT GAS | CALL | |
| 91288X 95 9 | UNITED STS 12 MONTH NAT GAS | PUT | |
| 912909 10 8 * | UNITED STATES STL CORP NEW | COM | |
| 912909 90 8 | UNITED STATES STL CORP NEW | CALL | |
| 912909 95 8 | UNITED STATES STL CORP NEW | PUT | |

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| 913017 10 9 * | UNITED TECHNOLOGIES CORP | COM | |
| 913017 90 9 | UNITED TECHNOLOGIES CORP | CALL | |
| 913017 95 9 | UNITED TECHNOLOGIES CORP | PUT | |
| 91307C 10 2 * | UNITED THERAPEUTICS CORP DEL | COM | |
| 91307C 90 2 | UNITED THERAPEUTICS CORP DEL | CALL | |
| 91307C 95 2 | UNITED THERAPEUTICS CORP DEL | PUT | |
| 91324P 10 2 * | UNITEDHEALTH GROUP INC | COM | |
| 91324P 90 2 | UNITEDHEALTH GROUP INC | CALL | |
| 91324P 95 2 | UNITEDHEALTH GROUP INC | PUT | |
| 91325V 10 8 * | UNITI GROUP INC | COM | |
| 91325V 90 8 | UNITI GROUP INC | CALL | |
| 91325V 95 8 | UNITI GROUP INC | PUT | |
| 913259 10 7 * | UNITIL CORP | COM | |
| 913259 90 7 | UNITIL CORP | CALL | |
| 913259 95 7 | UNITIL CORP | PUT | |
| 913290 10 2 | UNITY BANCORP INC | COM | |
| 91336L 10 7 * | UNIVAR INC | COM | |
| 91336L 90 7 | UNIVAR INC | CALL | |
| 91336L 95 7 | UNIVAR INC | PUT | |
| 913456 10 9 * | UNIVERSAL CORP VA | COM | |
| 913456 90 9 | UNIVERSAL CORP VA | CALL | |
| 913456 95 9 | UNIVERSAL CORP VA | PUT | |
| 91347P 10 5 * | UNIVERSAL DISPLAY CORP | COM | |
| 91347P 90 5 | UNIVERSAL DISPLAY CORP | CALL | |
| 91347P 95 5 | UNIVERSAL DISPLAY CORP | PUT | |
| 913483 10 3 * | UNIVERSAL ELECTRS INC | COM | |
| 913483 90 3 | UNIVERSAL ELECTRS INC | CALL | |
| 913483 95 3 | UNIVERSAL ELECTRS INC | PUT | |
| 913543 10 4 * | UNIVERSAL FST PRODS INC | COM | |
| 913543 90 4 | UNIVERSAL FST PRODS INC | CALL | |
| 913543 95 4 | UNIVERSAL FST PRODS INC | PUT | |
| 91359E 10 5 * | UNIVERSAL HEALTH RLTY INCM T | SH BEN INT | |
| 91359E 90 5 | UNIVERSAL HEALTH RLTY INCM T | CALL | |
| 91359E 95 5 | UNIVERSAL HEALTH RLTY INCM T | PUT | |

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|-----------------|------------------------------|---------------------------|---------------|
| 91359V 10 7 * | UNIVERSAL INS HLDGS INC | COM | |
| 91359V 90 7 | UNIVERSAL INS HLDGS INC | CALL | |
| 91359V 95 7 | UNIVERSAL INS HLDGS INC | PUT | |
| 91381U 10 1 * | UNITY BIOTECHNOLOGY INC | COM | |
| 91381U 90 1 | UNITY BIOTECHNOLOGY INC | CALL | |
| 91381U 95 1 | UNITY BIOTECHNOLOGY INC | PUT | |
| 913821 30 2 | UNIVERSAL SEC INSTRS INC | COM NEW | |
| 913837 10 0 | UNIVERSAL STAINLESS & ALLOY | COM | |
| 91388P 10 5 | UNIVERSAL LOGISTICS HLDGS IN | COM | |
| 913903 10 0 * | UNIVERSAL HLTH SVCS INC | CL B | |
| 913903 90 0 | UNIVERSAL HLTH SVCS INC | CALL | |
| 913903 95 0 | UNIVERSAL HLTH SVCS INC | PUT | |
| 913915 10 4 * | UNIVERSAL TECHNICAL INST INC | COM | |
| 913915 90 4 | UNIVERSAL TECHNICAL INST INC | CALL | |
| 913915 95 4 | UNIVERSAL TECHNICAL INST INC | PUT | |
| 915271 10 0 * | UNIVEST FINANCIAL CORPORATIO | COM | |
| 915271 90 0 | UNIVEST FINANCIAL CORPORATIO | CALL | |
| 915271 95 0 | UNIVEST FINANCIAL CORPORATIO | PUT | |
| 91529Y 10 6 * | UNUM GROUP | COM | |
| 91529Y 90 6 | UNUM GROUP | CALL | |
| 91529Y 95 6 | UNUM GROUP | PUT | |
| 91531W 10 6 | UP FINTECH HLDG LTD | SPONSORED ADS | |
| 91544A 10 9 * | UPLAND SOFTWARE INC | COM | |
| 91544A 90 9 | UPLAND SOFTWARE INC | CALL | |
| 91544A 95 9 | UPLAND SOFTWARE INC | PUT | |
| 91688F 10 4 * | UPWORK INC | COM | |
| 91688F 90 4 | UPWORK INC | CALL | |
| 91688F 95 4 | UPWORK INC | PUT | |
| 91688R 10 8 | UR ENERGY INC | COM | |
| 916896 10 3 * | URANIUM ENERGY CORP | COM | |
| 916896 90 3 | URANIUM ENERGY CORP | CALL | |
| 916896 95 3 | URANIUM ENERGY CORP | PUT | |
| 91704F 10 4 * | URBAN EDGE PPTYS | COM | |
| 91704F 90 4 | URBAN EDGE PPTYS | CALL | |

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| 91704F 95 4 | URBAN EDGE PPTYS | PUT | |
| 917047 10 2 * | URBAN OUTFITTERS INC | COM | |
| 917047 90 2 | URBAN OUTFITTERS INC | CALL | |
| 917047 95 2 | URBAN OUTFITTERS INC | PUT | |
| 91705J 10 5 | URBAN ONE INC | CL A | |
| 91705J 20 4 * | URBAN ONE INC | CL D NON VTG | |
| 91705J 90 4 | URBAN ONE INC | CALL | |
| 91705J 95 4 | URBAN ONE INC | PUT | |
| 917286 10 6 | URSTADT BIDDLE PPTYS INC | COM | |
| 917286 20 5 * | URSTADT BIDDLE PPTYS INC | CL A | |
| 917286 90 5 | URSTADT BIDDLE PPTYS INC | CALL | |
| 917286 95 5 | URSTADT BIDDLE PPTYS INC | PUT | |
| 917286 80 9 | URSTADT BIDDLE PPTYS INC | PFD-G CV 6.75% | |
| 91732J 10 2 * | US ECOLOGY INC | COM | |
| 91732J 90 2 | US ECOLOGY INC | CALL | |
| 91732J 95 2 | US ECOLOGY INC | PUT | |
| 91733T 30 7 * | USCF FDS TR | US 3X OIL FD | |
| 91733T 90 7 | USCF FDS TR | CALL | |
| 91733T 95 7 | USCF FDS TR | PUT | |
| 91733T 40 6 * | USCF FDS TR | US 3X SHRT OIL | |
| 91733T 90 6 | USCF FDS TR | CALL | |
| 91733T 95 6 | USCF FDS TR | PUT | |
| 917488 10 8 * | UTAH MED PRODS INC | COM | |
| 917488 90 8 | UTAH MED PRODS INC | CALL | |
| 917488 95 8 | UTAH MED PRODS INC | PUT | |
| 91818X 10 8 * | UXIN LTD | ADS | |
| 91818X 90 8 | UXIN LTD | CALL | |
| 91818X 95 8 | UXIN LTD | PUT | |
| 918204 10 8 * | V F CORP | COM | |
| 918204 90 8 | V F CORP | CALL | |
| 918204 95 8 | V F CORP | PUT | |
| 91822J 10 3 * | VBI VACCINES INC | COM NEW | |
| 91822J 90 3 | VBI VACCINES INC | CALL | |
| 91822J 95 3 | VBI VACCINES INC | PUT | |

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| 91822M 10 6 * | VEON LTD | SPONSORED ADR | |
| 91822M 90 6 | VEON LTD | CALL | |
| 91822M 95 6 | VEON LTD | PUT | |
| 918284 10 0 | VSE CORP | COM | |
| 91829B 10 3 * | VOC ENERGY TR | TR UNIT | |
| 91829B 90 3 | VOC ENERGY TR | CALL | |
| 91829B 95 3 | VOC ENERGY TR | PUT | |
| 91829F 10 4 * | VOXX INTL CORP | CL A | |
| 91829F 90 4 | VOXX INTL CORP | CALL | |
| 91829F 95 4 | VOXX INTL CORP | PUT | |
| 918385 10 5 | VTV THERAPEUTICS INC | CL A | |
| 91851C 20 1 * | VAALCO ENERGY INC | COM NEW | |
| 91851C 90 1 | VAALCO ENERGY INC | CALL | |
| 91851C 95 1 | VAALCO ENERGY INC | PUT | |
| 918640 10 3 | VACCINEX INC | COM | |
| 91879Q 10 9 * | VAIL RESORTS INC | COM | |
| 91879Q 90 9 | VAIL RESORTS INC | CALL | |
| 91879Q 95 9 | VAIL RESORTS INC | PUT | |
| 918905 10 0 * | VALHI INC NEW | COM | |
| 918905 90 0 | VALHI INC NEW | CALL | |
| 918905 95 0 | VALHI INC NEW | PUT | |
| 91912E 10 5 * | VALE S A | SPONSORED ADS | |
| 91912E 90 5 | VALE S A | CALL | |
| 91912E 95 5 | VALE S A | PUT | |
| 91913Y 10 0 * | VALERO ENERGY CORP NEW | COM | |
| 91913Y 90 0 | VALERO ENERGY CORP NEW | CALL | |
| 91913Y 95 0 | VALERO ENERGY CORP NEW | PUT | |
| 91914N 20 2 | VALERITAS HLDGS INC | COM NEW | DELETED |
| 91914N 30 1 | VALERITAS HLDGS INC | COM | ADDED |
| 919794 10 7 * | VALLEY NATL BANCORP | COM | |
| 919794 90 7 | VALLEY NATL BANCORP | CALL | |
| 919794 95 7 | VALLEY NATL BANCORP | PUT | |
| 920253 10 1 * | VALMONT INDS INC | COM | |
| 920253 90 1 | VALMONT INDS INC | CALL | |

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| 920253 95 1 | VALMONT INDS INC | PUT | |
| 920437 10 0 | VALUE LINE INC | COM | |
| 92047W 10 1 * | VALVOLINE INC | COM | |
| 92047W 90 1 | VALVOLINE INC | CALL | |
| 92047W 95 1 | VALVOLINE INC | PUT | |
| 921078 10 1 * | VANECK MERK GOLD TRUST | GOLD TRUST | |
| 921078 90 1 | VANECK MERK GOLD TRUST | CALL | |
| 921078 95 1 | VANECK MERK GOLD TRUST | PUT | |
| 921659 10 8 * | VANDA PHARMACEUTICALS INC | COM | |
| 921659 90 8 | VANDA PHARMACEUTICALS INC | CALL | |
| 921659 95 8 | VANDA PHARMACEUTICALS INC | PUT | |
| 92189F 10 6 * | VANECK VECTORS ETF TR | GOLD MINERS ETF | |
| 92189F 90 6 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 6 | VANECK VECTORS ETF TR | PUT | |
| 92189F 11 4 | VANECK VECTORS ETF TR | VIDEO GAMING | |
| 92189F 12 2 | VANECK VECTORS ETF TR | MRNGSTR GBL WD | |
| 92189F 13 0 | VANECK VECTORS ETF TR | REAL ASSET ALC | |
| 92189F 14 8 | VANECK VECTORS ETF TR | NDR CMG LN FLT | |
| 92189F 17 1 | VANECK VECTORS ETF TR | GREEN BD ETF | |
| 92189F 20 5 * | VANECK VECTORS ETF TR | STEEL ETF | |
| 92189F 90 5 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 5 | VANECK VECTORS ETF TR | PUT | |
| 92189F 28 8 * | VANECK VECTORS ETF TR | HIGH INCOME MLP | |
| 92189F 90 8 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 8 | VANECK VECTORS ETF TR | PUT | |
| 92189F 30 4 | VANECK VECTORS ETF TR | ENVIRONMENTAL SV | |
| 92189F 35 3 | VANECK VECTORS ETF TR | EMERGING MKTS HI | |
| 92189F 37 9 | VANECK VECTORS ETF TR | CHINAAMC CHINA B | |
| 92189F 38 7 | VANECK VECTORS ETF TR | SHORT HIGH YIELD | |
| 92189F 40 3 * | VANECK VECTORS ETF TR | RUSSIA ETF | |
| 92189F 90 3 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 3 | VANECK VECTORS ETF TR | PUT | |
| 92189F 41 1 | VANECK VECTORS ETF TR | BDC INCOME ETF | |
| 92189F 42 9 | VANECK VECTORS ETF TR | PFD SECS EX FINL | |

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| 92189F 43 7 * | VANECK VECTORS ETF TR | FALLEN ANGEL HG | |
| 92189F 90 7 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 7 | VANECK VECTORS ETF TR | PUT | |
| 92189F 44 5 * | VANECK VECTORS ETF TR | INTL HIGH YIELD | |
| 92189F 90 5 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 5 | VANECK VECTORS ETF TR | PUT | |
| 92189F 45 2 | VANECK VECTORS ETF TR | MTG REIT INCOME | |
| 92189F 46 0 | VANECK VECTORS ETF TR | CEF MUN INCOME E | |
| 92189F 47 8 | VANECK VECTORS ETF TR | EMERGING MKTS AG | |
| 92189F 48 6 | VANECK VECTORS ETF TR | INVT GRADE FLTG | |
| 92189F 50 2 * | VANECK VECTORS ETF TR | GLOBAL ALTER ETF | |
| 92189F 90 2 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 2 | VANECK VECTORS ETF TR | PUT | |
| 92189F 51 0 | VANECK VECTORS ETF TR | PRE REFUNDED MUN | DELETED |
| 92189F 52 8 | VANECK VECTORS ETF TR | AMT FREE SHORT M | |
| 92189F 53 6 | VANECK VECTORS ETF TR | AMT FREE LONG MU | |
| 92189F 56 9 | VANECK VECTORS ETF TR | HIGH INCOME INFR | |
| 92189F 57 7 | VANECK VECTORS ETF TR | GEN DRUGS ETF | DELETED |
| 92189F 58 5 | VANECK VECTORS ETF TR | OIL REFINERS ETF | |
| 92189F 59 3 | VANECK VECTORS ETF TR | MORNINGSTAR INTL | |
| 92189F 60 1 | VANECK VECTORS ETF TR | URANIUM NUCLEAR | |
| 92189F 62 7 * | VANECK VECTORS ETF TR | CHINAAMC SME CHI | |
| 92189F 90 7 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 7 | VANECK VECTORS ETF TR | PUT | |
| 92189F 63 5 * | VANECK VECTORS ETF TR | ISRAEL ETF | |
| 92189F 90 5 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 5 | VANECK VECTORS ETF TR | PUT | |
| 92189F 64 3 * | VANECK VECTORS ETF TR | MORNINGSTAR WIDE | |
| 92189F 90 3 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 3 | VANECK VECTORS ETF TR | PUT | |
| 92189F 66 8 * | VANECK VECTORS ETF TR | UNCVTL OIL GAS | |
| 92189F 90 8 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 8 | VANECK VECTORS ETF TR | PUT | |
| 92189F 67 6 * | VANECK VECTORS ETF TR | SEMICONDUCTOR ET | |

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|---------------|-----------------------|--------------------|---------|
| 92189F 90 6 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 6 | VANECK VECTORS ETF TR | PUT | |
| 92189F 68 4 * | VANECK VECTORS ETF TR | RETAIL ETF | |
| 92189F 90 4 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 4 | VANECK VECTORS ETF TR | PUT | |
| 92189F 69 2 * | VANECK VECTORS ETF TR | PHARMACEUTICAL | |
| 92189F 90 2 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 2 | VANECK VECTORS ETF TR | PUT | |
| 92189F 70 0 * | VANECK VECTORS ETF TR | AGRIBUSINESS ETF | |
| 92189F 90 0 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 0 | VANECK VECTORS ETF TR | PUT | |
| 92189F 71 8 * | VANECK VECTORS ETF TR | OIL SVCS ETF | |
| 92189F 90 8 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 8 | VANECK VECTORS ETF TR | PUT | |
| 92189F 72 6 * | VANECK VECTORS ETF TR | BIOTECH ETF | |
| 92189F 90 6 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 6 | VANECK VECTORS ETF TR | PUT | |
| 92189F 73 4 | VANECK VECTORS ETF TR | RUSSIA SMALL CAP | |
| 92189F 74 2 * | VANECK VECTORS ETF TR | RARE EARTH STRAT | |
| 92189F 90 2 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 2 | VANECK VECTORS ETF TR | PUT | |
| 92189F 75 9 * | VANECK VECTORS ETF TR | CHINAAMC CSI 300 | |
| 92189F 90 9 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 9 | VANECK VECTORS ETF TR | PUT | |
| 92189F 76 7 * | VANECK VECTORS ETF TR | INDIA SMALL CAP | |
| 92189F 90 7 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 7 | VANECK VECTORS ETF TR | PUT | |
| 92189F 77 5 | VANECK VECTORS ETF TR | EGYPT INDX ETF | |
| 92189F 78 3 | VANECK VECTORS ETF TR | POLAND ETF | DELETED |
| 92189F 79 1 * | VANECK VECTORS ETF TR | JR GOLD MINERS E | |
| 92189F 90 1 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 1 | VANECK VECTORS ETF TR | PUT | |
| 92189F 80 9 * | VANECK VECTORS ETF TR | COAL ETF | |
| 92189F 90 9 | VANECK VECTORS ETF TR | CALL | |

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| 92189F 95 9 | VANECK VECTORS ETF TR | PUT | |
| 92189F 81 7 | VANECK VECTORS ETF TR | VIETNAM ETF | |
| 92189F 82 5 * | VANECK VECTORS ETF TR | BRAZIL SMALL CP | |
| 92189F 90 5 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 5 | VANECK VECTORS ETF TR | PUT | |
| 92189F 83 3 | VANECK VECTORS ETF TR | INDONESIA INDEX | |
| 92189F 84 1 | VANECK VECTORS ETF TR | NAT RES ETF | |
| 92189F 86 6 | VANECK VECTORS ETF TR | AFRICA INDEX ETF | |
| 92189F 88 2 * | VANECK VECTORS ETF TR | GAMING ETF | |
| 92189F 90 2 | VANECK VECTORS ETF TR | CALL | |
| 92189F 95 2 | VANECK VECTORS ETF TR | PUT | |
| 92189H 10 2 | VANECK VECTORS ETF TR | MRNGSTR DUR DV | |
| 92189H 20 1 * | VANECK VECTORS ETF TR | AMT FREE INT ETF | |
| 92189H 90 1 | VANECK VECTORS ETF TR | CALL | |
| 92189H 95 1 | VANECK VECTORS ETF TR | PUT | |
| 92189H 30 0 * | VANECK VECTORS ETF TR | JP MORGAN MKTS | |
| 92189H 90 0 | VANECK VECTORS ETF TR | CALL | |
| 92189H 95 0 | VANECK VECTORS ETF TR | PUT | |
| 92189H 40 9 * | VANECK VECTORS ETF TR | HIGH YLD MUN ETF | |
| 92189H 90 9 | VANECK VECTORS ETF TR | CALL | |
| 92189H 95 9 | VANECK VECTORS ETF TR | PUT | |
| 92189H 50 8 | VANECK VECTORS ETF TR | MUN ALLOCATION | ADDED |
| 921908 84 4 * | VANGUARD GROUP | DIV APP ETF | |
| 921908 90 4 | VANGUARD GROUP | CALL | |
| 921908 95 4 | VANGUARD GROUP | PUT | |
| 921909 76 8 * | VANGUARD STAR FD | VG TL INTL STK F | |
| 921909 90 8 | VANGUARD STAR FD | CALL | |
| 921909 95 8 | VANGUARD STAR FD | PUT | |
| 921910 70 9 * | VANGUARD WORLD FD | EXTENDED DUR | |
| 921910 90 9 | VANGUARD WORLD FD | CALL | |
| 921910 95 9 | VANGUARD WORLD FD | PUT | |
| 921910 72 5 | VANGUARD WORLD FD | ESG INTL STK ETF | |
| 921910 73 3 | VANGUARD WORLD FD | ESG US STK ETF | |
| 921910 81 6 * | VANGUARD WORLD FD | MEGA GRWTH IND | |

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| 921910 90 6 | VANGUARD WORLD FD | CALL | |
| 921910 95 6 | VANGUARD WORLD FD | PUT | |
| 921910 84 0 * | VANGUARD WORLD FD | MEGA CAP VAL ETF | |
| 921910 90 0 | VANGUARD WORLD FD | CALL | |
| 921910 95 0 | VANGUARD WORLD FD | PUT | |
| 921910 87 3 * | VANGUARD WORLD FD | MEGA CAP INDEX | |
| 921910 90 3 | VANGUARD WORLD FD | CALL | |
| 921910 95 3 | VANGUARD WORLD FD | PUT | |
| 921932 50 5 | VANGUARD ADMIRAL FDS INC | 500 GRTH IDX F | |
| 921932 70 3 | VANGUARD ADMIRAL FDS INC | 500 VAL IDX FD | |
| 921932 77 8 | VANGUARD ADMIRAL FDS INC | SMLCP 600 VAL | |
| 921932 79 4 | VANGUARD ADMIRAL FDS INC | SMLCP 600 GRTH | |
| 921932 82 8 | VANGUARD ADMIRAL FDS INC | SMLLCP 600 IDX | |
| 921932 84 4 | VANGUARD ADMIRAL FDS INC | MIDCP 400 VAL | |
| 921932 86 9 | VANGUARD ADMIRAL FDS INC | MIDCP 400 GRTH | |
| 921932 88 5 | VANGUARD ADMIRAL FDS INC | MIDCP 400 IDX | |
| 921935 30 0 | VANGUARD WELLINGTON FD | US LIQUIDITY | |
| 921935 40 9 | VANGUARD WELLINGTON FD | US MINIMUM | |
| 921935 50 8 | VANGUARD WELLINGTON FD | US MOMENTUM | |
| 921935 60 7 | VANGUARD WELLINGTON FD | US MULTIFACTOR | |
| 921935 70 6 | VANGUARD WELLINGTON FD | US QUALITY | |
| 921935 80 5 | VANGUARD WELLINGTON FD | US VALUE FACTR | |
| 921937 79 3 * | VANGUARD BD INDEX FD INC | LONG TERM BOND | |
| 921937 90 3 | VANGUARD BD INDEX FD INC | CALL | |
| 921937 95 3 | VANGUARD BD INDEX FD INC | PUT | |
| 921937 81 9 * | VANGUARD BD INDEX FD INC | INTERMED TERM | |
| 921937 90 9 | VANGUARD BD INDEX FD INC | CALL | |
| 921937 95 9 | VANGUARD BD INDEX FD INC | PUT | |
| 921937 82 7 * | VANGUARD BD INDEX FD INC | SHORT TRM BOND | |
| 921937 90 7 | VANGUARD BD INDEX FD INC | CALL | |
| 921937 95 7 | VANGUARD BD INDEX FD INC | PUT | |
| 921937 83 5 * | VANGUARD BD INDEX FD INC | TOTAL BND MRKT | |
| 921937 90 5 | VANGUARD BD INDEX FD INC | CALL | |
| 921937 95 5 | VANGUARD BD INDEX FD INC | PUT | |

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| 921943 85 8 * | VANGUARD TAX MANAGED INTL FD | FTSE DEV MKT ETF | |
| 921943 90 8 | VANGUARD TAX MANAGED INTL FD | CALL | |
| 921943 95 8 | VANGUARD TAX MANAGED INTL FD | PUT | |
| 921946 40 6 * | VANGUARD WHITEHALL FDS INC | HIGH DIV YLD | |
| 921946 90 6 | VANGUARD WHITEHALL FDS INC | CALL | |
| 921946 95 6 | VANGUARD WHITEHALL FDS INC | PUT | |
| 921946 79 4 | VANGUARD WHITEHALL FDS INC | INTL HIGH ETF | |
| 921946 81 0 | VANGUARD WHITEHALL FDS INC | INTL DVD ETF | |
| 921946 88 5 | VANGUARD WHITEHALL FDS INC | EMERG MKT BD ETF | |
| 922020 80 5 | VANGUARD MALVERN FDS | STRM INFPROIDX | |
| 92203J 40 7 * | VANGUARD CHARLOTTE FDS | INTL BD IDX ETF | |
| 92203J 90 7 | VANGUARD CHARLOTTE FDS | CALL | |
| 92203J 95 7 | VANGUARD CHARLOTTE FDS | PUT | |
| 92204A 10 8 * | VANGUARD WORLD FDS | CONSUM DIS ETF | |
| 92204A 90 8 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 8 | VANGUARD WORLD FDS | PUT | |
| 92204A 20 7 * | VANGUARD WORLD FDS | CONSUM STP ETF | |
| 92204A 90 7 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 7 | VANGUARD WORLD FDS | PUT | |
| 92204A 30 6 * | VANGUARD WORLD FDS | ENERGY ETF | |
| 92204A 90 6 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 6 | VANGUARD WORLD FDS | PUT | |
| 92204A 40 5 * | VANGUARD WORLD FDS | FINANCIALS ETF | |
| 92204A 90 5 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 5 | VANGUARD WORLD FDS | PUT | |
| 92204A 50 4 * | VANGUARD WORLD FDS | HEALTH CAR ETF | |
| 92204A 90 4 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 4 | VANGUARD WORLD FDS | PUT | |
| 92204A 60 3 * | VANGUARD WORLD FDS | INDUSTRIAL ETF | |
| 92204A 90 3 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 3 | VANGUARD WORLD FDS | PUT | |
| 92204A 70 2 * | VANGUARD WORLD FDS | INF TECH ETF | |
| 92204A 90 2 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 2 | VANGUARD WORLD FDS | PUT | |

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| 92204A 80 1 * | VANGUARD WORLD FDS | MATERIALS ETF | |
| 92204A 90 1 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 1 | VANGUARD WORLD FDS | PUT | |
| 92204A 87 6 * | VANGUARD WORLD FDS | UTILITIES ETF | |
| 92204A 90 6 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 6 | VANGUARD WORLD FDS | PUT | |
| 92204A 88 4 * | VANGUARD WORLD FDS | COMM SRVC ETF | |
| 92204A 90 4 | VANGUARD WORLD FDS | CALL | |
| 92204A 95 4 | VANGUARD WORLD FDS | PUT | |
| 922042 67 6 * | VANGUARD INTL EQUITY INDEX F | GLB EX US ETF | |
| 922042 90 6 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 6 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 71 8 * | VANGUARD INTL EQUITY INDEX F | FTSE SMCAP ETF | |
| 922042 90 8 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 8 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 74 2 * | VANGUARD INTL EQUITY INDEX F | TT WRLD ST ETF | |
| 922042 90 2 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 2 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 77 5 * | VANGUARD INTL EQUITY INDEX F | ALLWRLD EX US | |
| 922042 90 5 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 5 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 85 8 * | VANGUARD INTL EQUITY INDEX F | FTSE EMR MKT ETF | |
| 922042 90 8 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 8 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 86 6 * | VANGUARD INTL EQUITY INDEX F | FTSE PACIFIC ETF | |
| 922042 90 6 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 6 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 922042 87 4 * | VANGUARD INTL EQUITY INDEX F | FTSE EUROPE ETF | |
| 922042 90 4 | VANGUARD INTL EQUITY INDEX F | CALL | |
| 922042 95 4 | VANGUARD INTL EQUITY INDEX F | PUT | |
| 92206C 10 2 | VANGUARD SCOTTSDALE FDS | SHORT TERM TREAS | |
| 92206C 40 9 * | VANGUARD SCOTTSDALE FDS | SHRT TRM CORP BD | |
| 92206C 90 9 | VANGUARD SCOTTSDALE FDS | CALL | |
| 92206C 95 9 | VANGUARD SCOTTSDALE FDS | PUT | |

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| 92206C 56 5 | VANGUARD SCOTTSDALE FDS | TOTAL WLD BD ETF | |
| 92206C 57 3 | VANGUARD SCOTTSDALE FDS | TOTAL CORP BND | |
| 92206C 59 9 | VANGUARD SCOTTSDALE FDS | VNG RUS3000IDX | |
| 92206C 62 3 | VANGUARD SCOTTSDALE FDS | VNG RUS2000GRW | |
| 92206C 64 9 | VANGUARD SCOTTSDALE FDS | VNG RUS2000VAL | |
| 92206C 66 4 * | VANGUARD SCOTTSDALE FDS | VNG RUS2000IDX | |
| 92206C 90 4 | VANGUARD SCOTTSDALE FDS | CALL | |
| 92206C 95 4 | VANGUARD SCOTTSDALE FDS | PUT | |
| 92206C 68 0 | VANGUARD SCOTTSDALE FDS | VNG RUS1000GRW | |
| 92206C 70 6 | VANGUARD SCOTTSDALE FDS | INTER TERM TREAS | |
| 92206C 71 4 | VANGUARD SCOTTSDALE FDS | VNG RUS1000VAL | |
| 92206C 73 0 | VANGUARD SCOTTSDALE FDS | VNG RUS1000IDX | |
| 92206C 77 1 | VANGUARD SCOTTSDALE FDS | MORTG-BACK SEC | |
| 92206C 81 3 * | VANGUARD SCOTTSDALE FDS | LG-TERM COR BD | |
| 92206C 90 3 | VANGUARD SCOTTSDALE FDS | CALL | |
| 92206C 95 3 | VANGUARD SCOTTSDALE FDS | PUT | |
| 92206C 84 7 | VANGUARD SCOTTSDALE FDS | LONG TERM TREAS | |
| 92206C 87 0 * | VANGUARD SCOTTSDALE FDS | INT-TERM CORP | |
| 92206C 90 0 | VANGUARD SCOTTSDALE FDS | CALL | |
| 92206C 95 0 | VANGUARD SCOTTSDALE FDS | PUT | |
| 922107 10 7 | VAPOTHERM INC | COM | |
| 92211L 10 5 | VANTAGE ENERGY ACQUISITION | COM CL A | DELETED |
| 92211L 11 3 | VANTAGE ENERGY ACQUISITION | *W EXP 04/12/202 | DELETED |
| 92211L 20 4 | VANTAGE ENERGY ACQUISITION | UNIT 04/12/2024 | DELETED |
| 92214X 10 6 * | VAREX IMAGING CORP | COM | |
| 92214X 90 6 | VAREX IMAGING CORP | CALL | |
| 92214X 95 6 | VAREX IMAGING CORP | PUT | |
| 92220P 10 5 * | VARIAN MED SYS INC | COM | |
| 92220P 90 5 | VARIAN MED SYS INC | CALL | |
| 92220P 95 5 | VARIAN MED SYS INC | PUT | |
| 922280 10 2 * | VARONIS SYS INC | COM | |
| 922280 90 2 | VARONIS SYS INC | CALL | |
| 922280 95 2 | VARONIS SYS INC | PUT | |
| 92240M BC 1 | VECTOR GROUP LTD | FRNT | 4/1 |

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| 92240M 10 8 * | VECTOR GROUP LTD | COM | |
| 92240M 90 8 | VECTOR GROUP LTD | CALL | |
| 92240M 95 8 | VECTOR GROUP LTD | PUT | |
| 922417 AD 2 | VEECO INSTRS INC DEL | NOTE 2.700% 1/1 | |
| 922417 10 0 * | VEECO INSTRS INC DEL | COM | |
| 922417 90 0 | VEECO INSTRS INC DEL | CALL | |
| 922417 95 0 | VEECO INSTRS INC DEL | PUT | |
| 92242T 10 1 * | VECTRUS INC | COM | |
| 92242T 90 1 | VECTRUS INC | CALL | |
| 92242T 95 1 | VECTRUS INC | PUT | |
| 92242Y 10 0 * | VEDANTA LTD | SPONSORED ADR | |
| 92242Y 90 0 | VEDANTA LTD | CALL | |
| 92242Y 95 0 | VEDANTA LTD | PUT | |
| 92243A 20 0 * | VAXART INC | COM NEW | |
| 92243A 90 0 | VAXART INC | CALL | |
| 92243A 95 0 | VAXART INC | PUT | |
| 92243N 10 3 | VECTOIQ ACQUISITION CORP | COM | |
| 92243N 11 1 | VECTOIQ ACQUISITION CORP | *W EXP 05/11/202 | |
| 92243N 20 2 | VECTOIQ ACQUISITION CORP | UNIT 05/11/2023 | |
| 922475 10 8 * | VEEVA SYS INC | CL A COM | |
| 922475 90 8 | VEEVA SYS INC | CALL | |
| 922475 95 8 | VEEVA SYS INC | PUT | |
| 92276F 10 0 * | VENTAS INC | COM | |
| 92276F 90 0 | VENTAS INC | CALL | |
| 92276F 95 0 | VENTAS INC | PUT | |
| 922907 74 6 | VANGUARD MUN BD FD INC | TAX EXEMPT BD | |
| 922908 36 3 * | VANGUARD INDEX FDS | S&P 500 ETF SHS | |
| 922908 90 3 | VANGUARD INDEX FDS | CALL | |
| 922908 95 3 | VANGUARD INDEX FDS | PUT | |
| 922908 51 2 * | VANGUARD INDEX FDS | MCAP VL IDXVIP | |
| 922908 90 2 | VANGUARD INDEX FDS | CALL | |
| 922908 95 2 | VANGUARD INDEX FDS | PUT | |
| 922908 53 8 * | VANGUARD INDEX FDS | MCAP GR IDXVIP | |
| 922908 90 8 | VANGUARD INDEX FDS | CALL | |

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| 922908 95 8 | VANGUARD INDEX FDS | PUT | |
| 922908 55 3 * | VANGUARD INDEX FDS | REAL ESTATE ETF | |
| 922908 90 3 | VANGUARD INDEX FDS | CALL | |
| 922908 95 3 | VANGUARD INDEX FDS | PUT | |
| 922908 59 5 * | VANGUARD INDEX FDS | SML CP GRW ETF | |
| 922908 90 5 | VANGUARD INDEX FDS | CALL | |
| 922908 95 5 | VANGUARD INDEX FDS | PUT | |
| 922908 61 1 * | VANGUARD INDEX FDS | SM CP VAL ETF | |
| 922908 90 1 | VANGUARD INDEX FDS | CALL | |
| 922908 95 1 | VANGUARD INDEX FDS | PUT | |
| 922908 62 9 * | VANGUARD INDEX FDS | MID CAP ETF | |
| 922908 90 9 | VANGUARD INDEX FDS | CALL | |
| 922908 95 9 | VANGUARD INDEX FDS | PUT | |
| 922908 63 7 * | VANGUARD INDEX FDS | LARGE CAP ETF | |
| 922908 90 7 | VANGUARD INDEX FDS | CALL | |
| 922908 95 7 | VANGUARD INDEX FDS | PUT | |
| 922908 65 2 * | VANGUARD INDEX FDS | EXTEND MKT ETF | |
| 922908 90 2 | VANGUARD INDEX FDS | CALL | |
| 922908 95 2 | VANGUARD INDEX FDS | PUT | |
| 922908 73 6 * | VANGUARD INDEX FDS | GROWTH ETF | |
| 922908 90 6 | VANGUARD INDEX FDS | CALL | |
| 922908 95 6 | VANGUARD INDEX FDS | PUT | |
| 922908 74 4 * | VANGUARD INDEX FDS | VALUE ETF | |
| 922908 90 4 | VANGUARD INDEX FDS | CALL | |
| 922908 95 4 | VANGUARD INDEX FDS | PUT | |
| 922908 75 1 * | VANGUARD INDEX FDS | SMALL CP ETF | |
| 922908 90 1 | VANGUARD INDEX FDS | CALL | |
| 922908 95 1 | VANGUARD INDEX FDS | PUT | |
| 922908 76 9 * | VANGUARD INDEX FDS | TOTAL STK MKT | |
| 922908 90 9 | VANGUARD INDEX FDS | CALL | |
| 922908 95 9 | VANGUARD INDEX FDS | PUT | |
| 92335C 10 6 * | VERA BRADLEY INC | COM | |
| 92335C 90 6 | VERA BRADLEY INC | CALL | |
| 92335C 95 6 | VERA BRADLEY INC | PUT | |

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| 92336X AA 7 | VEONEER INCORPORATED | NOTE 4.000% 6/0 | ADDED |
| 92336X 10 9 * | VEONEER INCORPORATED | COM | |
| 92336X 90 9 | VEONEER INCORPORATED | CALL | |
| 92336X 95 9 | VEONEER INCORPORATED | PUT | |
| 92337C AA 2 | VERASTEM INC | NOTE 5.000%11/0 | |
| 92337C 10 4 * | VERASTEM INC | COM | |
| 92337C 90 4 | VERASTEM INC | CALL | |
| 92337C 95 4 | VERASTEM INC | PUT | |
| 92337F 10 7 * | VERACYTE INC | COM | |
| 92337F 90 7 | VERACYTE INC | CALL | |
| 92337F 95 7 | VERACYTE INC | PUT | |
| 92337U 10 4 | VERB TECHNOLOGY CO INC | COM | ADDED |
| 92337U 11 2 | VERB TECHNOLOGY CO INC | *W EXP 03/14/202 | ADDED |
| 92339V 10 0 * | VEREIT INC | COM | |
| 92339V 90 0 | VEREIT INC | CALL | |
| 92339V 95 0 | VEREIT INC | PUT | |
| 92343E 10 2 * | VERISIGN INC | COM | |
| 92343E 90 2 | VERISIGN INC | CALL | |
| 92343E 95 2 | VERISIGN INC | PUT | |
| 92343V 10 4 * | VERIZON COMMUNICATIONS INC | COM | |
| 92343V 90 4 | VERIZON COMMUNICATIONS INC | CALL | |
| 92343V 95 4 | VERIZON COMMUNICATIONS INC | PUT | |
| 92343X AA 8 | VERINT SYS INC | NOTE 1.500% 6/0 | |
| 92343X 10 0 * | VERINT SYS INC | COM | |
| 92343X 90 0 | VERINT SYS INC | CALL | |
| 92343X 95 0 | VERINT SYS INC | PUT | |
| 92345Y 10 6 * | VERISK ANALYTICS INC | COM | |
| 92345Y 90 6 | VERISK ANALYTICS INC | CALL | |
| 92345Y 95 6 | VERISK ANALYTICS INC | PUT | |
| 923451 10 8 * | VERITEX HLDGS INC | COM | |
| 923451 90 8 | VERITEX HLDGS INC | CALL | |
| 923451 95 8 | VERITEX HLDGS INC | PUT | |
| 923454 10 2 * | VERITIV CORP | COM | |
| 923454 90 2 | VERITIV CORP | CALL | |

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| 923454 95 2 | VERITIV CORP | PUT | |
| 92346J 10 8 * | VERICEL CORP | COM | |
| 92346J 90 8 | VERICEL CORP | CALL | |
| 92346J 95 8 | VERICEL CORP | PUT | |
| 92347M 10 0 * | VERITONE INC | COM | |
| 92347M 90 0 | VERITONE INC | CALL | |
| 92347M 95 0 | VERITONE INC | PUT | |
| 923725 10 5 * | VERMILION ENERGY INC | COM | |
| 923725 90 5 | VERMILION ENERGY INC | CALL | |
| 923725 95 5 | VERMILION ENERGY INC | PUT | |
| 92407M 20 6 * | VERMILLION INC | COM NEW | |
| 92407M 90 6 | VERMILLION INC | CALL | |
| 92407M 95 6 | VERMILLION INC | PUT | |
| 925050 10 6 | VERONA PHARMA PLC | SPONSORED ADS | |
| 92511U 10 2 | VERRA MOBILITY CORP | COM | |
| 92511W 10 8 | VERRICA PHARMACEUTICALS INC | COM | |
| 92531L 20 7 * | VERSO CORP | CL A | |
| 92531L 90 7 | VERSO CORP | CALL | |
| 92531L 95 7 | VERSO CORP | PUT | |
| 92532F 10 0 * | VERTEX PHARMACEUTICALS INC | COM | |
| 92532F 90 0 | VERTEX PHARMACEUTICALS INC | CALL | |
| 92532F 95 0 | VERTEX PHARMACEUTICALS INC | PUT | |
| 92532W 10 3 * | VERSUM MATLS INC | COM | |
| 92532W 90 3 | VERSUM MATLS INC | CALL | |
| 92532W 95 3 | VERSUM MATLS INC | PUT | |
| 92534K 10 7 * | VERTEX ENERGY INC | COM | |
| 92534K 90 7 | VERTEX ENERGY INC | CALL | |
| 92534K 95 7 | VERTEX ENERGY INC | PUT | |
| 92535C 10 4 | VERTICAL CAP INCOME FUND | SHS BEN INT | ADDED |
| 92536C 10 3 * | VERU INC | COM | |
| 92536C 90 3 | VERU INC | CALL | |
| 92536C 95 3 | VERU INC | PUT | |
| 92552R 40 6 * | VIAD CORP | COM NEW | |
| 92552R 90 6 | VIAD CORP | CALL | |

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|---------------|-----------------------|--------------------|--------|
| 92552R 95 6 | VIAD CORP | PUT | |
| 92552V 10 0 * | VIASAT INC | COM | |
| 92552V 90 0 | VIASAT INC | CALL | |
| 92552V 95 0 | VIASAT INC | PUT | |
| 92553P 10 2 * | VIACOM INC NEW | CL A | |
| 92553P 90 2 | VIACOM INC NEW | CALL | |
| 92553P 95 2 | VIACOM INC NEW | PUT | |
| 92553P 20 1 * | VIACOM INC NEW | CL B | |
| 92553P 90 1 | VIACOM INC NEW | CALL | |
| 92553P 95 1 | VIACOM INC NEW | PUT | |
| 925550 AB 1 | VIAVI SOLUTIONS INC | NOTE 1.000% 3/0 | |
| 925550 AE 5 | VIAVI SOLUTIONS INC | NOTE 1.750% 6/0 | ADDED |
| 925550 10 5 * | VIAVI SOLUTIONS INC | COM | |
| 925550 90 5 | VIAVI SOLUTIONS INC | CALL | |
| 925550 95 5 | VIAVI SOLUTIONS INC | PUT | |
| 925602 20 3 * | VICAL INC | COM NEW | |
| 925602 90 3 | VICAL INC | CALL | |
| 925602 95 3 | VICAL INC | PUT | |
| 925652 10 9 * | VICI PPTYS INC | COM | |
| 925652 90 9 | VICI PPTYS INC | CALL | |
| 925652 95 9 | VICI PPTYS INC | PUT | |
| 925815 10 2 * | VICOR CORP | COM | |
| 925815 90 2 | VICOR CORP | CALL | |
| 925815 95 2 | VICOR CORP | PUT | |
| 92645B 10 3 | VICTORY CAP HLDGS INC | COM CL A | |
| 92647N 66 7 | VICTORY PORTFOLIOS II | VICSHS DV AC ETF | |
| 92647N 69 1 | VICTORY PORTFOLIOS II | VICTORYSHS US | |
| 92647N 76 6 | VICTORY PORTFOLIOS II | VCSHS US 500 VOL | |
| 92647N 77 4 | VICTORY PORTFOLIOS II | VCSHS US DISCVRY | |
| 92647N 78 2 | VICTORY PORTFOLIOS II | VCSHS US 500 ENH | |
| 92647N 80 8 | VICTORY PORTFOLIOS II | VICOTRYSHS EMG | |
| 92647N 81 6 | VICTORY PORTFOLIOS II | VCSHS DEV ENH VL | |
| 92647N 82 4 | VICTORY PORTFOLIOS II | VCSHS US EQ INCM | |
| 92647N 83 2 | VICTORY PORTFOLIOS II | VCSHS US SML CAP | |

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| 92647N 84 0 | VICTORY PORTFOLIOS II | VCSHS INTL VOLTY | |
| 92647N 85 7 | VICTORY PORTFOLIOS II | VCSHS EMRG VOLTY | |
| 92647N 86 5 | VICTORY PORTFOLIOS II | VCSHS US LRG CAP | |
| 92647N 87 3 | VICTORY PORTFOLIOS II | VCSHS US SMCP HG | |
| 92647N 88 1 | VICTORY PORTFOLIOS II | VCSHS INTL HG DV | |
| 92672L 10 7 * | VIEWRAY INC | COM | |
| 92672L 90 7 | VIEWRAY INC | CALL | |
| 92672L 95 7 | VIEWRAY INC | PUT | |
| 92686J 10 6 * | VIKING THERAPEUTICS INC | COM | |
| 92686J 90 6 | VIKING THERAPEUTICS INC | CALL | |
| 92686J 95 6 | VIKING THERAPEUTICS INC | PUT | |
| 92686J 11 4 | VIKING THERAPEUTICS INC | *W EXP 04/13/202 | |
| 92705T 20 0 | VILLAGE BK & TR FINANCIAL CO | COM NEW | |
| 92707Y 10 8 * | VILLAGE FARMS INTL INC | COM | |
| 92707Y 90 8 | VILLAGE FARMS INTL INC | CALL | |
| 92707Y 95 8 | VILLAGE FARMS INTL INC | PUT | |
| 927107 40 9 | VILLAGE SUPER MKT INC | CL A NEW | |
| 92719W 20 7 * | VINCE HLDG CORP | COM NEW | |
| 92719W 90 7 | VINCE HLDG CORP | CALL | |
| 92719W 95 7 | VINCE HLDG CORP | PUT | |
| 92762J 10 3 | VIOMI TECHNOLOGY CO LTD | SPONSORED ADS | |
| 92763M 10 5 * | VIPER ENERGY PARTNERS LP | COM UNT RP INT | |
| 92763M 90 5 | VIPER ENERGY PARTNERS LP | CALL | |
| 92763M 95 5 | VIPER ENERGY PARTNERS LP | PUT | |
| 92763W 10 3 * | VIPSHOP HLDGS LTD | SPONSORED ADS A | |
| 92763W 90 3 | VIPSHOP HLDGS LTD | CALL | |
| 92763W 95 3 | VIPSHOP HLDGS LTD | PUT | |
| 927651 10 9 | VIRCO MFG CO | COM | |
| 92790A 20 7 | VIRTUS ETF TR II | VIRTUS DYNMC ETF | |
| 92790A 40 5 | VIRTUS ETF TR II | SEIX SR LN ETF | ADDED |
| 927926 30 3 * | VISTA GOLD CORP | COM NEW | |
| 927926 90 3 | VISTA GOLD CORP | CALL | |
| 927926 95 3 | VISTA GOLD CORP | PUT | |
| 92823T 10 8 * | VIRNETX HLDG CORP | COM | |

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| 92823T 90 8 | VIRNETX HLDG CORP | CALL | |
| 92823T 95 8 | VIRNETX HLDG CORP | PUT | |
| 928254 10 1 * | VIRTU FINL INC | CL A | |
| 928254 90 1 | VIRTU FINL INC | CALL | |
| 928254 95 1 | VIRTU FINL INC | PUT | |
| 92826C 83 9 * | VISA INC | COM CL A | |
| 92826C 90 9 | VISA INC | CALL | |
| 92826C 95 9 | VISA INC | PUT | |
| 92827K 30 1 | VIRTRA INC | COM PAR | |
| 92827P 10 2 * | VIRTUSA CORP | COM | |
| 92827P 90 2 | VIRTUSA CORP | CALL | |
| 92827P 95 2 | VIRTUSA CORP | PUT | |
| 92828Q 10 9 * | VIRTUS INVT PARTNERS INC | COM | |
| 92828Q 90 9 | VIRTUS INVT PARTNERS INC | CALL | |
| 92828Q 95 9 | VIRTUS INVT PARTNERS INC | PUT | |
| 92828Q 20 8 | VIRTUS INVT PARTNERS INC | PFD CV SER D | |
| 92829B 10 1 | VIRTUS GLOBAL MULTI-SEC INC | COM | |
| 928298 10 8 * | VISHAY INTERTECHNOLOGY INC | COM | |
| 928298 90 8 | VISHAY INTERTECHNOLOGY INC | CALL | |
| 928298 95 8 | VISHAY INTERTECHNOLOGY INC | PUT | |
| 92835K 10 3 * | VISHAY PRECISION GROUP INC | COM | |
| 92835K 90 3 | VISHAY PRECISION GROUP INC | CALL | |
| 92835K 95 3 | VISHAY PRECISION GROUP INC | PUT | |
| 92835W 10 7 | VIRTUS GLOBAL DIVID INCOME F | COM | |
| 92836Y 10 2 | VISLINK TECHNOLOGIES INC | COM | DELETED |
| 92836Y 20 1 | VISLINK TECHNOLOGIES INC | COM NEW | ADDED |
| 92837G 10 0 | VIRTUS TOTAL RETURN FUND INC | COM | |
| 928377 10 0 * | VISTA OUTDOOR INC | COM | |
| 928377 90 0 | VISTA OUTDOOR INC | CALL | |
| 928377 95 0 | VISTA OUTDOOR INC | PUT | |
| 92839U 20 6 * | VISTEON CORP | COM NEW | |
| 92839U 90 6 | VISTEON CORP | CALL | |
| 92839U 95 6 | VISTEON CORP | PUT | |
| 92840H 20 2 | VISTAGEN THERAPEUTICS INC | COM NEW | |

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| 92840M 10 2 * | VISTRA ENERGY CORP | COM | |
| 92840M 90 2 | VISTRA ENERGY CORP | CALL | |
| 92840M 95 2 | VISTRA ENERGY CORP | PUT | |
| 92840M 12 8 | VISTRA ENERGY CORP | *W EXP 02/02/202 | |
| 92840M 30 0 | VISTRA ENERGY CORP | UNIT 02/02/2024 | |
| 92847R 10 4 * | VITAL THERAPIES INC | COM | DELETED |
| 92847R 90 4 | VITAL THERAPIES INC | CALL | DELETED |
| 92847R 95 4 | VITAL THERAPIES INC | PUT | DELETED |
| 92849E AB 7 | VITAMIN SHOPPE INC | NOTE 2.250%12/0 | |
| 92849E 10 1 * | VITAMIN SHOPPE INC | COM | |
| 92849E 90 1 | VITAMIN SHOPPE INC | CALL | |
| 92849E 95 1 | VITAMIN SHOPPE INC | PUT | |
| 92852W 20 4 * | VIVEVE MED INC | COM NEW | |
| 92852W 90 4 | VIVEVE MED INC | CALL | |
| 92852W 95 4 | VIVEVE MED INC | PUT | |
| 92853C 20 7 | VIVALDI OPPORTUNITIES FD | COM | |
| 92854Q 10 6 * | VIVINT SOLAR INC | COM | |
| 92854Q 90 6 | VIVINT SOLAR INC | CALL | |
| 92854Q 95 6 | VIVINT SOLAR INC | PUT | |
| 928551 AB 6 | VIVUS INC | NOTE 4.500% 5/0 | |
| 928551 30 8 * | VIVUS INC | COM NEW | |
| 928551 90 8 | VIVUS INC | CALL | |
| 928551 95 8 | VIVUS INC | PUT | |
| 928563 40 2 * | VMWARE INC | CL A COM | |
| 928563 90 2 | VMWARE INC | CALL | |
| 928563 95 2 | VMWARE INC | PUT | |
| 92857F AB 3 | VOCERA COMMUNICATIONS INC | NOTE 1.500% 5/1 | ADDED |
| 92857F 10 7 * | VOCERA COMMUNICATIONS INC | COM | |
| 92857F 90 7 | VOCERA COMMUNICATIONS INC | CALL | |
| 92857F 95 7 | VOCERA COMMUNICATIONS INC | PUT | |
| 92857W 30 8 * | VODAFONE GROUP PLC NEW | SPONSORED ADR | |
| 92857W 90 8 | VODAFONE GROUP PLC NEW | CALL | |
| 92857W 95 8 | VODAFONE GROUP PLC NEW | PUT | |
| 928661 10 7 | VOLITIONRX LTD | COM | |

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|-----------------|------------------------------|---------------------------|---------------|
| 928703 10 7 * | VOLT INFORMATION SCIENCES IN | COM | |
| 928703 90 7 | VOLT INFORMATION SCIENCES IN | CALL | |
| 928703 95 7 | VOLT INFORMATION SCIENCES IN | PUT | |
| 92886T 20 1 * | VONAGE HLDGS CORP | COM | |
| 92886T 90 1 | VONAGE HLDGS CORP | CALL | |
| 92886T 95 1 | VONAGE HLDGS CORP | PUT | |
| 929042 10 9 * | VORNADO RLTY TR | SH BEN INT | |
| 929042 90 9 | VORNADO RLTY TR | CALL | |
| 929042 95 9 | VORNADO RLTY TR | PUT | |
| 929089 10 0 * | VOYA FINL INC | COM | |
| 929089 90 0 | VOYA FINL INC | CALL | |
| 929089 95 0 | VOYA FINL INC | PUT | |
| 92912J 10 2 | VOYA ASIA PAC DIVID EQUITY I | COM | |
| 92912L 10 7 * | VOXELJET AG | ADS | |
| 92912L 90 7 | VOXELJET AG | CALL | |
| 92912L 95 7 | VOXELJET AG | PUT | |
| 92912P 10 8 | VOYA EMERGING MKTS HIGH DIVI | COM | |
| 92912R 10 4 | VOYA GLBL ADV & PREM OPP FD | COM | |
| 92912T 10 0 | VOYA GLBL EQTY DIV & PREM OP | COM | |
| 92912X 10 1 | VOYA INFRASTRUCTURE INDLS & | COM | |
| 92912Y 10 9 | VOYA INTL HIGH DIVID EQTY IN | COM | |
| 92913A 10 0 | VOYA PRIME RATE TR | SH BEN INT | |
| 92913C 10 6 | VOYA RISK MANAGED NAT RES FD | COM | |
| 92915B 10 6 * | VOYAGER THERAPEUTICS INC | COM | |
| 92915B 90 6 | VOYAGER THERAPEUTICS INC | CALL | |
| 92915B 95 6 | VOYAGER THERAPEUTICS INC | PUT | |
| 929160 10 9 * | VULCAN MATLS CO | COM | |
| 929160 90 9 | VULCAN MATLS CO | CALL | |
| 929160 95 9 | VULCAN MATLS CO | PUT | |
| 92921W 30 0 * | VUZIX CORP | COM NEW | |
| 92921W 90 0 | VUZIX CORP | CALL | |
| 92921W 95 0 | VUZIX CORP | PUT | |
| 92922P 10 6 * | W & T OFFSHORE INC | COM | |
| 92922P 90 6 | W & T OFFSHORE INC | CALL | |

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|---------------|-------------------------|--------------------|-----------|
| 92922P 95 6 | W & T OFFSHORE INC | PUT | |
| 929236 10 7 * | WD-40 CO | COM | |
| 929236 90 7 | WD-40 CO | CALL | |
| 929236 95 7 | WD-40 CO | PUT | |
| 92927K 10 2 * | WABCO HLDGS INC | COM | |
| 92927K 90 2 | WABCO HLDGS INC | CALL | |
| 92927K 95 2 | WABCO HLDGS INC | PUT | |
| 92932M 10 1 * | WNS HOLDINGS LTD | SPON ADR | |
| 92932M 90 1 | WNS HOLDINGS LTD | CALL | |
| 92932M 95 1 | WNS HOLDINGS LTD | PUT | |
| 929328 10 2 * | WSFS FINL CORP | COM | |
| 929328 90 2 | WSFS FINL CORP | CALL | |
| 929328 95 2 | WSFS FINL CORP | PUT | |
| 929358 10 9 | WVS FINL CORP | COM | |
| 92936U 10 9 * | W P CAREY INC | COM | |
| 92936U 90 9 | W P CAREY INC | CALL | |
| 92936U 95 9 | W P CAREY INC | PUT | |
| 92937A 10 2 * | WPP PLC NEW | ADR | |
| 92937A 90 2 | WPP PLC NEW | CALL | |
| 92937A 95 2 | WPP PLC NEW | PUT | |
| 92939U 10 6 * | WEC ENERGY GROUP INC | COM | |
| 92939U 90 6 | WEC ENERGY GROUP INC | CALL | |
| 92939U 95 6 | WEC ENERGY GROUP INC | PUT | |
| 92940L 10 3 | WCF BANCORP INC | COM | |
| 92940W AB 5 | WIX COM LTD | NOTE | 7/0 ADDED |
| 929566 10 7 * | WABASH NATL CORP | COM | |
| 929566 90 7 | WABASH NATL CORP | CALL | |
| 929566 95 7 | WABASH NATL CORP | PUT | |
| 929740 10 8 * | WABTEC CORP | COM | |
| 929740 90 8 | WABTEC CORP | CALL | |
| 929740 95 8 | WABTEC CORP | PUT | |
| 930059 10 0 * | WADDELL & REED FINL INC | CL A | |
| 930059 90 0 | WADDELL & REED FINL INC | CALL | |
| 930059 95 0 | WADDELL & REED FINL INC | PUT | |

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| 930427 10 9 * | WAGWORKS INC | COM | |
| 930427 90 9 | WAGWORKS INC | CALL | |
| 930427 95 9 | WAGWORKS INC | PUT | |
| 930752 10 0 * | WAITR HLDGS INC | COM | |
| 930752 90 0 | WAITR HLDGS INC | CALL | |
| 930752 95 0 | WAITR HLDGS INC | PUT | |
| 931142 10 3 * | WALMART INC | COM | |
| 931142 90 3 | WALMART INC | CALL | |
| 931142 95 3 | WALMART INC | PUT | |
| 931427 10 8 * | WALGREENS BOOTS ALLIANCE INC | COM | |
| 931427 90 8 | WALGREENS BOOTS ALLIANCE INC | CALL | |
| 931427 95 8 | WALGREENS BOOTS ALLIANCE INC | PUT | |
| 93148P 10 2 * | WALKER & DUNLOP INC | COM | |
| 93148P 90 2 | WALKER & DUNLOP INC | CALL | |
| 93148P 95 2 | WALKER & DUNLOP INC | PUT | |
| 93627C 10 1 * | WARRIOR MET COAL INC | COM | |
| 93627C 90 1 | WARRIOR MET COAL INC | CALL | |
| 93627C 95 1 | WARRIOR MET COAL INC | PUT | |
| 938824 10 9 * | WASHINGTON FED INC | COM | |
| 938824 90 9 | WASHINGTON FED INC | CALL | |
| 938824 95 9 | WASHINGTON FED INC | PUT | |
| 93964W 10 8 * | WASHINGTON PRIME GROUP NEW | COM | |
| 93964W 90 8 | WASHINGTON PRIME GROUP NEW | CALL | |
| 93964W 95 8 | WASHINGTON PRIME GROUP NEW | PUT | |
| 939653 10 1 * | WASHINGTON REAL ESTATE INVT | SH BEN INT | |
| 939653 90 1 | WASHINGTON REAL ESTATE INVT | CALL | |
| 939653 95 1 | WASHINGTON REAL ESTATE INVT | PUT | |
| 940610 10 8 * | WASHINGTON TR BANCORP | COM | |
| 940610 90 8 | WASHINGTON TR BANCORP | CALL | |
| 940610 95 8 | WASHINGTON TR BANCORP | PUT | |
| 94106B 10 1 * | WASTE CONNECTIONS INC | COM | |
| 94106B 90 1 | WASTE CONNECTIONS INC | CALL | |
| 94106B 95 1 | WASTE CONNECTIONS INC | PUT | |
| 94106L 10 9 * | WASTE MGMT INC DEL | COM | |

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| 94106L 90 9 | WASTE MGMT INC DEL | CALL | |
| 94106L 95 9 | WASTE MGMT INC DEL | PUT | |
| 941848 10 3 * | WATERS CORP | COM | |
| 941848 90 3 | WATERS CORP | CALL | |
| 941848 95 3 | WATERS CORP | PUT | |
| 94188P 10 1 * | WATERSTONE FINL INC MD | COM | |
| 94188P 90 1 | WATERSTONE FINL INC MD | CALL | |
| 94188P 95 1 | WATERSTONE FINL INC MD | PUT | |
| 942622 10 1 * | WATSCO INC | CL B CONV | |
| 942622 90 1 | WATSCO INC | CALL | |
| 942622 95 1 | WATSCO INC | PUT | |
| 942622 20 0 * | WATSCO INC | COM | |
| 942622 90 0 | WATSCO INC | CALL | |
| 942622 95 0 | WATSCO INC | PUT | |
| 942749 10 2 * | WATTS WATER TECHNOLOGIES INC | CL A | |
| 942749 90 2 | WATTS WATER TECHNOLOGIES INC | CALL | |
| 942749 95 2 | WATTS WATER TECHNOLOGIES INC | PUT | |
| 94419L AB 7 | WAYFAIR INC | NOTE 0.375% 9/0 | |
| 94419L 10 1 * | WAYFAIR INC | CL A | |
| 94419L 90 1 | WAYFAIR INC | CALL | |
| 94419L 95 1 | WAYFAIR INC | PUT | |
| 946760 10 5 | WAYSIDE TECHNOLOGY GROUP INC | COM | |
| 947890 10 9 * | WEBSTER FINL CORP CONN | COM | |
| 947890 90 9 | WEBSTER FINL CORP CONN | CALL | |
| 947890 95 9 | WEBSTER FINL CORP CONN | PUT | |
| 948596 AC 5 | WEIBO CORP | NOTE 1.250%11/1 | ADDED |
| 948596 10 1 * | WEIBO CORP | SPONSORED ADR | |
| 948596 90 1 | WEIBO CORP | CALL | |
| 948596 95 1 | WEIBO CORP | PUT | |
| 94861A 10 8 | WEIDAI LTD | SPONS ADS | |
| 948626 10 6 * | WEIGHT WATCHERS INTL INC NEW | COM | |
| 948626 90 6 | WEIGHT WATCHERS INTL INC NEW | CALL | |
| 948626 95 6 | WEIGHT WATCHERS INTL INC NEW | PUT | |
| 948741 10 3 * | WEINGARTEN RLTY INVS | SH BEN INT | |

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| 948741 90 3 | WEINGARTEN RLTY INVS | CALL | |
| 948741 95 3 | WEINGARTEN RLTY INVS | PUT | |
| 948849 10 4 * | WEIS MKTS INC | COM | |
| 948849 90 4 | WEIS MKTS INC | CALL | |
| 948849 95 4 | WEIS MKTS INC | PUT | |
| 949090 10 4 * | WELBILT INC | COM | |
| 949090 90 4 | WELBILT INC | CALL | |
| 949090 95 4 | WELBILT INC | PUT | |
| 94946T 10 6 * | WELLCARE HEALTH PLANS INC | COM | |
| 94946T 90 6 | WELLCARE HEALTH PLANS INC | CALL | |
| 94946T 95 6 | WELLCARE HEALTH PLANS INC | PUT | |
| 949485 10 6 | WELLESLEY BANCORP INC | COM | |
| 94973V BG 1 | ANTHEM INC | NOTE 2.750%10/1 | |
| 949746 10 1 * | WELLS FARGO CO NEW | COM | |
| 949746 90 1 | WELLS FARGO CO NEW | CALL | |
| 949746 95 1 | WELLS FARGO CO NEW | PUT | |
| 949746 80 4 | WELLS FARGO CO NEW | PERP PFD CNV A | |
| 94986R PJ 4 | WELLS FARGO & CO | MTNF 1/2 | |
| 94986R QF 1 | WELLS FARGO & CO | MTNF 6/0 | |
| 94986R QJ 3 | WELLS FARGO & CO | MTNF 1/2 | |
| 94986R VY 4 | WELLS FARGO & CO | MTNF 0.125% 2/2 | |
| 94986R XR 7 | WELLS FARGO & CO | MTNF 0.250% 6/2 | |
| 94987B 10 5 | WELLS FARGO INCOME OPPORTUNI | WF INC OPPTY FD | |
| 94987C 10 3 | WELLS FARGO GLOBAL DIVIDEND | COM | |
| 94987D 10 1 | WELLS FARGO MULTI SECTOR INC | COM | |
| 94987E 10 9 | WELLS FARGO UTILITIES AND HI | WF UTILITIES INC | |
| 95040Q 10 4 * | WELLTOWER INC | COM | |
| 95040Q 90 4 | WELLTOWER INC | CALL | |
| 95040Q 95 4 | WELLTOWER INC | PUT | |
| 95058W 10 0 * | WENDYS CO | COM | |
| 95058W 90 0 | WENDYS CO | CALL | |
| 95058W 95 0 | WENDYS CO | PUT | |
| 950755 10 8 * | WERNER ENTERPRISES INC | COM | |
| 950755 90 8 | WERNER ENTERPRISES INC | CALL | |

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| 950755 95 8 | WERNER ENTERPRISES INC | PUT | |
| 950810 10 1 * | WESBANCO INC | COM | |
| 950810 90 1 | WESBANCO INC | CALL | |
| 950810 95 1 | WESBANCO INC | PUT | |
| 950814 10 3 * | WESCO AIRCRAFT HLDGS INC | COM | |
| 950814 90 3 | WESCO AIRCRAFT HLDGS INC | CALL | |
| 950814 95 3 | WESCO AIRCRAFT HLDGS INC | PUT | |
| 95082P 10 5 * | WESCO INTL INC | COM | |
| 95082P 90 5 | WESCO INTL INC | CALL | |
| 95082P 95 5 | WESCO INTL INC | PUT | |
| 95123P 10 6 * | WEST BANCORPORATION INC | CAP STK | |
| 95123P 90 6 | WEST BANCORPORATION INC | CALL | |
| 95123P 95 6 | WEST BANCORPORATION INC | PUT | |
| 955306 10 5 * | WEST PHARMACEUTICAL SVSC INC | COM | |
| 955306 90 5 | WEST PHARMACEUTICAL SVSC INC | CALL | |
| 955306 95 5 | WEST PHARMACEUTICAL SVSC INC | PUT | |
| 957090 10 3 * | WESTAMERICA BANCORPORATION | COM | |
| 957090 90 3 | WESTAMERICA BANCORPORATION | CALL | |
| 957090 95 3 | WESTAMERICA BANCORPORATION | PUT | |
| 957541 20 4 | WESTELL TECHNOLOGIES INC | CL A NEW | |
| 957638 10 9 * | WESTERN ALLIANCE BANCORP | COM | |
| 957638 90 9 | WESTERN ALLIANCE BANCORP | CALL | |
| 957638 95 9 | WESTERN ALLIANCE BANCORP | PUT | |
| 95766A 10 1 | WESTERN ASSET EMRG MKT DEBT | COM | |
| 95766B 10 9 | WESTERN ASSET GLB HI INCOME | COM | |
| 95766J 10 2 | WESTERN ASSET HIGH INCM FD I | COM | |
| 95766K 10 9 | WESTERN ASSET HIGH INCM OPP | COM | |
| 95766M 10 5 | WESTERN ASST MNGD MUN FD INC | COM | |
| 95766N 10 3 | WESTERN ASSET MUN HI INCM FD | COM | |
| 95766P 10 8 | WESTERN ASST MN PRT FD INC | COM | |
| 95766Q 10 6 | WESTERN ASST INFLTN LKD INM | COM SH BEN INT | |
| 95766R 10 4 | WESTERN AST INFL LKD OPP & I | COM | |
| 95766T 10 0 | WESTERN ASSET INVESTMENT GRA | COM | |
| 957664 10 5 | WESTERN ASSET PREMIER BD FD | SHS BEN INT | |

| CUSIP NO | ISSUER NAME | ISSUER DESCRIPTION | STATUS |
|---------------|------------------------------|--------------------|--------|
| 957667 10 8 | WESTERN ASSET VAR RT STRG FD | COM | |
| 95768A 10 9 | WESTERN ASSET MUN DEF OPP TR | COM | |
| 95768B 10 7 | WESTERN ASSET HGH YLD DFNDFD | COM | |
| 95790A 10 1 | WESTERN ASSET INVT GRADE DEF | COM | |
| 95790B 10 9 | WESTERN ASSET MTG DEF OPPTY | COM | |
| 95790C 10 7 | WESTERN ASSET GLOBAL CP DEFI | COM | |
| 95790D AA 3 | WESTERN ASSET MTG CAP CORP | NOTE 6.750%10/0 | |
| 95790D 10 5 * | WESTERN ASSET MTG CAP CORP | COM | |
| 95790D 90 5 | WESTERN ASSET MTG CAP CORP | CALL | |
| 95790D 95 5 | WESTERN ASSET MTG CAP CORP | PUT | |
| 95790J 10 2 | WESTERN ASSET CORPORATE LN F | COM | |
| 95805V 10 8 | WESTERN COPPER & GOLD CORP | COM | |
| 958102 10 5 * | WESTERN DIGITAL CORP | COM | |
| 958102 90 5 | WESTERN DIGITAL CORP | CALL | |
| 958102 95 5 | WESTERN DIGITAL CORP | PUT | |
| 958435 10 9 | WESTERN ASSET INTM MUNI FD I | COM | |
| 958669 10 3 * | WESTERN MIDSTREAM PARTNERS L | COM UNIT LP INT | |
| 958669 90 3 | WESTERN MIDSTREAM PARTNERS L | CALL | |
| 958669 95 3 | WESTERN MIDSTREAM PARTNERS L | PUT | |
| 958892 10 1 * | WESTERN NEW ENG BANCORP INC | COM | |
| 958892 90 1 | WESTERN NEW ENG BANCORP INC | CALL | |
| 958892 95 1 | WESTERN NEW ENG BANCORP INC | PUT | |
| 959802 10 9 * | WESTERN UN CO | COM | |
| 959802 90 9 | WESTERN UN CO | CALL | |
| 959802 95 9 | WESTERN UN CO | PUT | |
| 960413 10 2 * | WESTLAKE CHEM CORP | COM | |
| 960413 90 2 | WESTLAKE CHEM CORP | CALL | |
| 960413 95 2 | WESTLAKE CHEM CORP | PUT | |
| 960417 10 3 * | WESTLAKE CHEM PARTNERS LP | COM UNIT RP LP | |
| 960417 90 3 | WESTLAKE CHEM PARTNERS LP | CALL | |
| 960417 95 3 | WESTLAKE CHEM PARTNERS LP | PUT | |
| 960908 30 9 * | WESTPORT FUEL SYSTEMS INC | COM NEW | |
| 960908 90 9 | WESTPORT FUEL SYSTEMS INC | CALL | |
| 960908 95 9 | WESTPORT FUEL SYSTEMS INC | PUT | |

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|---------------|------------------------------|--------------------|---------|
| 961214 30 1 | WESTPAC BKG CORP | SPONSORED ADR | |
| 96145D 10 5 * | WESTROCK CO | COM | |
| 96145D 90 5 | WESTROCK CO | CALL | |
| 96145D 95 5 | WESTROCK CO | PUT | |
| 961684 10 7 | WESTWATER RES INC | COM | DELETED |
| 961684 20 6 | WESTWATER RES INC | COM NEW | ADDED |
| 961765 10 4 * | WESTWOOD HLDGS GROUP INC | COM | |
| 961765 90 4 | WESTWOOD HLDGS GROUP INC | CALL | |
| 961765 95 4 | WESTWOOD HLDGS GROUP INC | PUT | |
| 96208T 10 4 * | WEX INC | COM | |
| 96208T 90 4 | WEX INC | CALL | |
| 96208T 95 4 | WEX INC | PUT | |
| 962149 10 0 | WEYCO GROUP INC | COM | |
| 962166 10 4 * | WEYERHAEUSER CO | COM | |
| 962166 90 4 | WEYERHAEUSER CO | CALL | |
| 962166 95 4 | WEYERHAEUSER CO | PUT | |
| 962879 10 2 * | WHEATON PRECIOUS METALS CORP | COM | |
| 962879 90 2 | WHEATON PRECIOUS METALS CORP | CALL | |
| 962879 95 2 | WHEATON PRECIOUS METALS CORP | PUT | |
| 963025 11 9 | WHEELER REAL ESTATE INVT TR | *W EXP 04/29/201 | DELETED |
| 963025 30 9 | WHEELER REAL ESTATE INVT TR | CV PFD SER B | |
| 963025 60 6 | WHEELER REAL ESTATE INVT TR | PFD CNV SER D | |
| 963025 70 5 | WHEELER REAL ESTATE INVT TR | COM NEW | |
| 963320 10 6 * | WHIRLPOOL CORP | COM | |
| 963320 90 6 | WHIRLPOOL CORP | CALL | |
| 963320 95 6 | WHIRLPOOL CORP | PUT | |
| 96524V 10 6 | WHITEHORSE FIN INC | COM | |
| 966084 20 4 * | WHITESTONE REIT | COM | |
| 966084 90 4 | WHITESTONE REIT | CALL | |
| 966084 95 4 | WHITESTONE REIT | PUT | |
| 966387 AL 6 | WHITING PETE CORP NEW | NOTE 1.250% 4/0 | |
| 966387 40 9 * | WHITING PETE CORP NEW | COM NEW | |
| 966387 90 9 | WHITING PETE CORP NEW | CALL | |
| 966387 95 9 | WHITING PETE CORP NEW | PUT | |

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|-----------------|----------------------------|---------------------------|---------------|
| 96758W 10 1 * | WIDOPENWEST INC | COM | |
| 96758W 90 1 | WIDOPENWEST INC | CALL | |
| 96758W 95 1 | WIDOPENWEST INC | PUT | |
| 967590 10 0 | WIDEPOINT CORP | COM | |
| 968223 20 6 * | WILEY JOHN & SONS INC | CL A | |
| 968223 90 6 | WILEY JOHN & SONS INC | CALL | |
| 968223 95 6 | WILEY JOHN & SONS INC | PUT | |
| 968223 30 5 | WILEY JOHN & SONS INC | CL B | |
| 968235 20 0 | WILHELMINA INTL INC | COM NEW | |
| 969136 10 0 | WILLAMETTE VY VINEYARD INC | COM | |
| 96924N 10 0 * | WILLDAN GROUP INC | COM | |
| 96924N 90 0 | WILLDAN GROUP INC | CALL | |
| 96924N 95 0 | WILLDAN GROUP INC | PUT | |
| 969457 10 0 * | WILLIAMS COS INC DEL | COM | |
| 969457 90 0 | WILLIAMS COS INC DEL | CALL | |
| 969457 95 0 | WILLIAMS COS INC DEL | PUT | |
| 969904 10 1 * | WILLIAMS SONOMA INC | COM | |
| 969904 90 1 | WILLIAMS SONOMA INC | CALL | |
| 969904 95 1 | WILLIAMS SONOMA INC | PUT | |
| 970646 10 5 | WILLIS LEASE FINANCE CORP | COM | |
| 971375 12 6 * | WILLSCOT CORP | COM | |
| 971375 90 6 | WILLSCOT CORP | CALL | |
| 971375 95 6 | WILLSCOT CORP | PUT | |
| 974155 10 3 * | WINGSTOP INC | COM | |
| 974155 90 3 | WINGSTOP INC | CALL | |
| 974155 95 3 | WINGSTOP INC | PUT | |
| 974250 10 2 | WINMARK CORP | COM | |
| 974637 10 0 * | WINNEBAGO INDS INC | COM | |
| 974637 90 0 | WINNEBAGO INDS INC | CALL | |
| 974637 95 0 | WINNEBAGO INDS INC | PUT | |
| 97650W 10 8 * | WINTRUST FINL CORP | COM | |
| 97650W 90 8 | WINTRUST FINL CORP | CALL | |
| 97650W 95 8 | WINTRUST FINL CORP | PUT | |
| 97651M 10 9 * | WIPRO LTD | SPON ADR 1 SH | |

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| 97651M 90 9 | WIPRO LTD | CALL | |
| 97651M 95 9 | WIPRO LTD | PUT | |
| 976524 10 8 * | WIRELESS TELECOM GROUP INC | COM | |
| 976524 90 8 | WIRELESS TELECOM GROUP INC | CALL | |
| 976524 95 8 | WIRELESS TELECOM GROUP INC | PUT | |
| 97717P 10 4 * | WISDOMTREE INVTS INC | COM | |
| 97717P 90 4 | WISDOMTREE INVTS INC | CALL | |
| 97717P 95 4 | WISDOMTREE INVTS INC | PUT | |
| 97717W 10 9 * | WISDOMTREE TR | US TOTAL DIVIDND | |
| 97717W 90 9 | WISDOMTREE TR | CALL | |
| 97717W 95 9 | WISDOMTREE TR | PUT | |
| 97717W 12 5 | WISDOMTREE TR | FUTRE STRAT FD | |
| 97717W 13 3 * | WISDOMTREE TR | EMERG CUR STR FD | |
| 97717W 90 3 | WISDOMTREE TR | CALL | |
| 97717W 95 3 | WISDOMTREE TR | PUT | |
| 97717W 18 2 * | WISDOMTREE TR | CHINESE YUAN FD | |
| 97717W 90 2 | WISDOMTREE TR | CALL | |
| 97717W 95 2 | WISDOMTREE TR | PUT | |
| 97717W 20 8 * | WISDOMTREE TR | US HIGH DIVIDEND | |
| 97717W 90 8 | WISDOMTREE TR | CALL | |
| 97717W 95 8 | WISDOMTREE TR | PUT | |
| 97717W 28 1 * | WISDOMTREE TR | EMG MKTS SMCAP | |
| 97717W 90 1 | WISDOMTREE TR | CALL | |
| 97717W 95 1 | WISDOMTREE TR | PUT | |
| 97717W 30 7 * | WISDOMTREE TR | US LARGE CAP DIVD | |
| 97717W 90 7 | WISDOMTREE TR | CALL | |
| 97717W 95 7 | WISDOMTREE TR | PUT | |
| 97717W 31 5 * | WISDOMTREE TR | EMER MKT HIGH FD | |
| 97717W 90 5 | WISDOMTREE TR | CALL | |
| 97717W 95 5 | WISDOMTREE TR | PUT | |
| 97717W 32 3 | WISDOMTREE TR | EM MKTS QTLY DIV | |
| 97717W 33 1 | WISDOMTREE TR | GLB EX US RL EST | |
| 97717W 36 4 | WISDOMTREE TR | NEGATIVE DUR US | |
| 97717W 38 0 | WISDOMTREE TR | INTRST RATE HDGE | |

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|-----------------|--------------------|---------------------------|---------------|
| 97717W 39 8 | WISDOMTREE TR | NEGT DUR HIG YLD | |
| 97717W 40 6 * | WISDOMTREE TR | US DIVID EX FNCL | |
| 97717W 90 6 | WISDOMTREE TR | CALL | |
| 97717W 95 6 | WISDOMTREE TR | PUT | |
| 97717W 42 2 * | WISDOMTREE TR | INDIA ERNGS FD | |
| 97717W 90 2 | WISDOMTREE TR | CALL | |
| 97717W 95 2 | WISDOMTREE TR | PUT | |
| 97717W 43 0 | WISDOMTREE TR | HEDGED HI YLD BD | |
| 97717W 44 8 | WISDOMTREE TR | GERMANY HEDEQ FD | |
| 97717W 47 1 * | WISDOMTREE TR | BLMBG US BULL | |
| 97717W 90 1 | WISDOMTREE TR | CALL | |
| 97717W 95 1 | WISDOMTREE TR | PUT | |
| 97717W 50 5 * | WISDOMTREE TR | US MIDCAP DIVID | |
| 97717W 90 5 | WISDOMTREE TR | CALL | |
| 97717W 95 5 | WISDOMTREE TR | PUT | |
| 97717W 52 1 * | WISDOMTREE TR | JPN SCAP HDG EQT | |
| 97717W 90 1 | WISDOMTREE TR | CALL | |
| 97717W 95 1 | WISDOMTREE TR | PUT | |
| 97717W 53 9 | WISDOMTREE TR | E MKTS CNSMR GR | |
| 97717W 54 7 | WISDOMTREE TR | US QLT SHRHD YLD | |
| 97717W 56 2 | WISDOMTREE TR | US SMALLCAP FUND | |
| 97717W 57 0 | WISDOMTREE TR | US MIDCAP FUND | |
| 97717W 58 8 | WISDOMTREE TR | US LARGE CAP FUND | |
| 97717W 59 6 | WISDOMTREE TR | US TOTAL MRKT FD | |
| 97717W 60 4 * | WISDOMTREE TR | US SMALLCAP DIVD | |
| 97717W 90 4 | WISDOMTREE TR | CALL | |
| 97717W 95 4 | WISDOMTREE TR | PUT | |
| 97717W 70 3 | WISDOMTREE TR | INTL EQUITY FD | |
| 97717W 76 0 * | WISDOMTREE TR | INTL SMCAP DIV | |
| 97717W 90 0 | WISDOMTREE TR | CALL | |
| 97717W 95 0 | WISDOMTREE TR | PUT | |
| 97717W 77 8 | WISDOMTREE TR | INTL MIDCAP DV | |
| 97717W 78 6 | WISDOMTREE TR | INTL DIV EX FINL | |
| 97717W 79 4 | WISDOMTREE TR | INTL LRGCAP DV | |

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|-----------------|--------------------|---------------------------|---------------|
| 97717W 80 2 | WISDOMTREE TR | ITL HIGH DIV FD | |
| 97717W 82 8 * | WISDOMTREE TR | ASIA PAC EXJP FD | |
| 97717W 90 8 | WISDOMTREE TR | CALL | |
| 97717W 95 8 | WISDOMTREE TR | PUT | |
| 97717W 83 6 * | WISDOMTREE TR | JP SMALLCP DIV | |
| 97717W 90 6 | WISDOMTREE TR | CALL | |
| 97717W 95 6 | WISDOMTREE TR | PUT | |
| 97717W 84 4 | WISDOMTREE TR | GLB US QTLY DIV | |
| 97717W 85 1 * | WISDOMTREE TR | JAPN HEDGE EQT | |
| 97717W 90 1 | WISDOMTREE TR | CALL | |
| 97717W 95 1 | WISDOMTREE TR | PUT | |
| 97717W 86 9 * | WISDOMTREE TR | EUROPE SMCP DV | |
| 97717W 90 9 | WISDOMTREE TR | CALL | |
| 97717W 95 9 | WISDOMTREE TR | PUT | |
| 97717W 87 7 | WISDOMTREE TR | GLB HIGH DIV FD | |
| 97717X 13 1 | WISDOMTREE TR | INTL QULTY DIV | |
| 97717X 14 9 | WISDOMTREE TR | FNDMTL US SHRT | |
| 97717X 15 6 | WISDOMTREE TR | FNDMTL SRT CRP | |
| 97717X 17 2 | WISDOMTREE TR | FNDMTL HGH YLD | |
| 97717X 19 8 | WISDOMTREE TR | FNDMTL US CORP | |
| 97717X 21 4 | WISDOMTREE TR | EMERG MKTS DIV | |
| 97717X 22 2 | WISDOMTREE TR | GBL MXC EQT FD | |
| 97717X 25 5 | WISDOMTREE TR | EUROPE MULTIFCTR | |
| 97717X 26 3 | WISDOMTREE TR | CURRENCY INT EQ | |
| 97717X 27 1 | WISDOMTREE TR | DYNAMIC INT EQ | |
| 97717X 28 9 | WISDOMTREE TR | JAPAN MULTIFCTOR | |
| 97717X 29 7 | WISDOMTREE TR | DYNAMIC US EQT | |
| 97717X 30 5 | WISDOMTREE TR | MID EAST DIVD | |
| 97717X 31 3 | WISDOMTREE TR | DYNAMIC LNG EQ | |
| 97717X 51 1 | WISDOMTREE TR | YIELD ENHANCD US | |
| 97717X 55 2 * | WISDOMTREE TR | EUR HDG SMLCAP | |
| 97717X 90 2 | WISDOMTREE TR | CALL | |
| 97717X 95 2 | WISDOMTREE TR | PUT | |
| 97717X 56 0 | WISDOMTREE TR | CBOE S&P 500 | |

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|---------------|------------------------------|--------------------|--------|
| 97717X 57 8 | WISDOMTREE TR | EM EX ST-OWNED | |
| 97717X 59 4 * | WISDOMTREE TR | ITL HDG QTLY DIV | |
| 97717X 90 4 | WISDOMTREE TR | CALL | |
| 97717X 95 4 | WISDOMTREE TR | PUT | |
| 97717X 61 0 | WISDOMTREE TR | EURO QTLY DIV GR | |
| 97717X 62 8 | WISDOMTREE TR | FLOATNG RAT TREA | |
| 97717X 65 1 | WISDOMTREE TR | US S CAP QTY DIV | |
| 97717X 66 9 * | WISDOMTREE TR | US QTLY DIV GRT | |
| 97717X 90 9 | WISDOMTREE TR | CALL | |
| 97717X 95 9 | WISDOMTREE TR | PUT | |
| 97717X 70 1 * | WISDOMTREE TR | EUROPE HEDGED EQ | |
| 97717X 90 1 | WISDOMTREE TR | CALL | |
| 97717X 95 1 | WISDOMTREE TR | PUT | |
| 97717X 71 9 | WISDOMTREE TR | CHINADIV EX FI | |
| 97717X 78 4 | WISDOMTREE TR | WSDM EMKTBD FD | |
| 97717X 86 7 * | WISDOMTREE TR | EM LCL DEBT FD | |
| 97717X 90 7 | WISDOMTREE TR | CALL | |
| 97717X 95 7 | WISDOMTREE TR | PUT | |
| 97717Y 70 9 | WISDOMTREE TR | DYNMC CUR HEDG | |
| 97717Y 71 7 | WISDOMTREE TR | MODRN TEC PLAT | ADDED |
| 97717Y 73 3 | WISDOMTREE TR | INDIA EX STATE | ADDED |
| 97717Y 74 1 | WISDOMTREE TR | YIELD ENHND FD | |
| 97717Y 77 4 | WISDOMTREE TR | INTK MLTIFACTR | |
| 97717Y 78 2 | WISDOMTREE TR | EMGRING MKTS | |
| 97717Y 79 0 | WISDOMTREE TR | 90/60 BALNCED FD | |
| 97717Y 80 8 | WISDOMTREE TR | YIELD ENHANCED | |
| 97717Y 81 6 | WISDOMTREE TR | BALANCED INCOME | |
| 97717Y 83 2 | WISDOMTREE TR | ICBCCS S&P CHINA | |
| 97717Y 84 0 | WISDOMTREE TR | CB OE RUSSELL | |
| 97717Y 85 7 | WISDOMTREE TR | US MULTIFACTOR | |
| 97718W 10 8 * | WISDOMTREE CONTINUOUS COMMOD | SHS BEN INT | |
| 97718W 90 8 | WISDOMTREE CONTINUOUS COMMOD | CALL | |
| 97718W 95 8 | WISDOMTREE CONTINUOUS COMMOD | PUT | |
| 978097 10 3 * | WOLVERINE WORLD WIDE INC | COM | |

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| 978097 90 3 | WOLVERINE WORLD WIDE INC | CALL | |
| 978097 95 3 | WOLVERINE WORLD WIDE INC | PUT | |
| 980745 10 3 * | WOODWARD INC | COM | |
| 980745 90 3 | WOODWARD INC | CALL | |
| 980745 95 3 | WOODWARD INC | PUT | |
| 981064 10 8 | WOORI FINANCIAL GROUP INC | SPONSORED ADS | |
| 98138H AD 3 | WORKDAY INC | NOTE 1.500% 7/1 | |
| 98138H AF 8 | WORKDAY INC | NOTE 0.250%10/0 | |
| 98138H 10 1 * | WORKDAY INC | CL A | |
| 98138H 90 1 | WORKDAY INC | CALL | |
| 98138H 95 1 | WORKDAY INC | PUT | |
| 98138J 20 6 | WORKHORSE GROUP INC | COM NEW | |
| 98139A 10 5 * | WORKIVA INC | COM CL A | |
| 98139A 90 5 | WORKIVA INC | CALL | |
| 98139A 95 5 | WORKIVA INC | PUT | |
| 981419 10 4 * | WORLD ACCEP CORP DEL | COM | |
| 981419 90 4 | WORLD ACCEP CORP DEL | CALL | |
| 981419 95 4 | WORLD ACCEP CORP DEL | PUT | |
| 981475 10 6 * | WORLD FUEL SVCS CORP | COM | |
| 981475 90 6 | WORLD FUEL SVCS CORP | CALL | |
| 981475 95 6 | WORLD FUEL SVCS CORP | PUT | |
| 98149E 10 5 | WORLD GOLD TR | SPDR LNG DLR GLD | |
| 98149E 20 4 | WORLD GOLD TR | SPDR GLD MINIS | |
| 981558 10 9 * | WORLDPAY INC | CL A | |
| 981558 90 9 | WORLDPAY INC | CALL | |
| 981558 95 9 | WORLDPAY INC | PUT | |
| 98156Q AB 4 | WORLD WRESTLING ENTMT INC | NOTE 3.375%12/1 | |
| 98156Q 10 8 * | WORLD WRESTLING ENTMT INC | CL A | |
| 98156Q 90 8 | WORLD WRESTLING ENTMT INC | CALL | |
| 98156Q 95 8 | WORLD WRESTLING ENTMT INC | PUT | |
| 981811 10 2 * | WORTHINGTON INDS INC | COM | |
| 981811 90 2 | WORTHINGTON INDS INC | CALL | |
| 981811 95 2 | WORTHINGTON INDS INC | PUT | |
| 98212B 10 3 * | WPX ENERGY INC | COM | |

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| 98212B 90 3 | WPX ENERGY INC | CALL | |
| 98212B 95 3 | WPX ENERGY INC | PUT | |
| 98212N 10 7 * | WRAP TECHNOLOGIES INC | COM | |
| 98212N 90 7 | WRAP TECHNOLOGIES INC | CALL | |
| 98212N 95 7 | WRAP TECHNOLOGIES INC | PUT | |
| 98235T AE 7 | WRIGHT MED GROUP INC | NOTE 2.000% 2/1 | |
| 98236J AB 4 | WRIGHT MED GROUP N V | NOTE 2.250%11/1 | |
| 98310W 10 8 * | WYNDHAM DESTINATIONS INC | COM | |
| 98310W 90 8 | WYNDHAM DESTINATIONS INC | CALL | |
| 98310W 95 8 | WYNDHAM DESTINATIONS INC | PUT | |
| 98311A 10 5 * | WYNDHAM HOTELS & RESORTS INC | COM | |
| 98311A 90 5 | WYNDHAM HOTELS & RESORTS INC | CALL | |
| 98311A 95 5 | WYNDHAM HOTELS & RESORTS INC | PUT | |
| 983134 10 7 * | WYNN RESORTS LTD | COM | |
| 983134 90 7 | WYNN RESORTS LTD | CALL | |
| 983134 95 7 | WYNN RESORTS LTD | PUT | |
| 98372W 10 3 | X FINANCIAL | SPONSORED ADS | |
| 983793 10 0 * | XPO LOGISTICS INC | COM | |
| 983793 90 0 | XPO LOGISTICS INC | CALL | |
| 983793 95 0 | XPO LOGISTICS INC | PUT | |
| 98386D 30 7 | XTL BIOPHARMACEUTICALS LTD | SPONSORED ADR NE | |
| 98389B 10 0 * | XCEL ENERGY INC | COM | |
| 98389B 90 0 | XCEL ENERGY INC | CALL | |
| 98389B 95 0 | XCEL ENERGY INC | PUT | |
| 983919 10 1 * | XILINX INC | COM | |
| 983919 90 1 | XILINX INC | CALL | |
| 983919 95 1 | XILINX INC | PUT | |
| 98400H 10 2 * | XBIOTECH INC | COM | |
| 98400H 90 2 | XBIOTECH INC | CALL | |
| 98400H 95 2 | XBIOTECH INC | PUT | |
| 98400M 10 1 | XCEL BRANDS INC | COM NEW | |
| 98400T 10 6 | XAI OCTAGON FLOATNG RATE ALT | COM | |
| 98401F 10 5 * | XENCOR INC | COM | |
| 98401F 90 5 | XENCOR INC | CALL | |

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| 98401F 95 5 | XENCOR INC | PUT | |
| 984015 20 6 | XENETIC BIOSCIENCES INC | COM NEW | DELETED |
| 984015 50 3 | XENETIC BIOSCIENCES INC | COM | ADDED |
| 984017 10 3 * | XENIA HOTELS & RESORTS INC | COM | |
| 984017 90 3 | XENIA HOTELS & RESORTS INC | CALL | |
| 984017 95 3 | XENIA HOTELS & RESORTS INC | PUT | |
| 984121 60 8 * | XEROX CORP | COM NEW | |
| 984121 90 8 | XEROX CORP | CALL | |
| 984121 95 8 | XEROX CORP | PUT | |
| 98417P 10 5 * | XINYUAN REAL ESTATE CO LTD | SPONS ADR | |
| 98417P 90 5 | XINYUAN REAL ESTATE CO LTD | CALL | |
| 98417P 95 5 | XINYUAN REAL ESTATE CO LTD | PUT | |
| 98419E 10 8 * | XUNLEI LTD | SPONSORED ADR | |
| 98419E 90 8 | XUNLEI LTD | CALL | |
| 98419E 95 8 | XUNLEI LTD | PUT | |
| 98419J 20 6 * | XOMA CORP DEL | COM NEW | |
| 98419J 90 6 | XOMA CORP DEL | CALL | |
| 98419J 95 6 | XOMA CORP DEL | PUT | |
| 98419M 10 0 * | XYLEM INC | COM | |
| 98419M 90 0 | XYLEM INC | CALL | |
| 98419M 95 0 | XYLEM INC | PUT | |
| 98420N 10 5 * | XENON PHARMACEUTICALS INC | COM | |
| 98420N 90 5 | XENON PHARMACEUTICALS INC | CALL | |
| 98420N 95 5 | XENON PHARMACEUTICALS INC | PUT | |
| 98420P 30 8 | XTANT MED HLDGS INC | COM NEW | |
| 98420U 60 4 * | XPRESSPA GROUP INC | COM NEW | |
| 98420U 90 4 | XPRESSPA GROUP INC | CALL | |
| 98420U 95 4 | XPRESSPA GROUP INC | PUT | |
| 98420X 10 3 | X4 PHARMACEUTICALS INC | COM | |
| 98421B 10 0 * | XPERI CORP | COM | |
| 98421B 90 0 | XPERI CORP | CALL | |
| 98421B 95 0 | XPERI CORP | PUT | |
| 98421X 10 2 | XYNOMIC PHARMACUTCLS HLDNG I | COM | ADDED |
| 98421X 11 0 | XYNOMIC PHARMACUTCLS HLDNG I | *W EXP 05/15/202 | ADDED |

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|---------------|------------------------------|--------------------|---------|
| 98422L 10 7 | XERIS PHARMACEUTICALS INC | COM | |
| 984241 10 9 | Y MABS THERAPEUTICS INC | COM | |
| 984245 10 0 * | YPF SOCIEDAD ANONIMA | SPON ADR CL D | |
| 984245 90 0 | YPF SOCIEDAD ANONIMA | CALL | |
| 984245 95 0 | YPF SOCIEDAD ANONIMA | PUT | |
| 984249 60 7 * | YRC WORLDWIDE INC | COM PAR \$.01 | |
| 984249 90 7 | YRC WORLDWIDE INC | CALL | |
| 984249 95 7 | YRC WORLDWIDE INC | PUT | |
| 98426T AB 2 | YY INC | NOTE 2.250% 4/0 | DELETED |
| 98426T 10 6 * | YY INC | SPONSORED ADS A | |
| 98426T 90 6 | YY INC | CALL | |
| 98426T 95 6 | YY INC | PUT | |
| 98462Y 10 0 * | YAMANA GOLD INC | COM | |
| 98462Y 90 0 | YAMANA GOLD INC | CALL | |
| 98462Y 95 0 | YAMANA GOLD INC | PUT | |
| 98475Y 10 5 | YANGTZE RIV PORT AND LGSTC L | COM | |
| 985817 10 5 * | YELP INC | CL A | |
| 985817 90 5 | YELP INC | CALL | |
| 985817 95 5 | YELP INC | PUT | |
| 98585K 20 1 * | YIELD10 BIOSCIENCE INC | COM NEW | |
| 98585K 90 1 | YIELD10 BIOSCIENCE INC | CALL | |
| 98585K 95 1 | YIELD10 BIOSCIENCE INC | PUT | |
| 98585L 10 0 * | YIRENDAI LTD | SPONSORED ADR | |
| 98585L 90 0 | YIRENDAI LTD | CALL | |
| 98585L 95 0 | YIRENDAI LTD | PUT | |
| 98585M 10 8 | YINTECH INVT HLDGS LTD | SPONSORED ADR | |
| 98585N 10 6 * | YEXT INC | COM | |
| 98585N 90 6 | YEXT INC | CALL | |
| 98585N 95 6 | YEXT INC | PUT | |
| 98585X 10 4 * | YETI HLDGS INC | COM | |
| 98585X 90 4 | YETI HLDGS INC | CALL | |
| 98585X 95 4 | YETI HLDGS INC | PUT | |
| 986005 10 6 | YOGAWORKS INC | COM | |
| 987184 10 8 * | YORK WTR CO | COM | |

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|---------------|-------------------------|--------------------|--------|
| 987184 90 8 | YORK WTR CO | CALL | |
| 987184 95 8 | YORK WTR CO | PUT | |
| 987537 20 6 * | YOUNGEVITY INTL INC | COM NEW | |
| 987537 90 6 | YOUNGEVITY INTL INC | CALL | |
| 987537 95 6 | YOUNGEVITY INTL INC | PUT | |
| 988498 10 1 * | YUM BRANDS INC | COM | |
| 988498 90 1 | YUM BRANDS INC | CALL | |
| 988498 95 1 | YUM BRANDS INC | PUT | |
| 98850P 10 9 * | YUM CHINA HLDGS INC | COM | |
| 98850P 90 9 | YUM CHINA HLDGS INC | CALL | |
| 98850P 95 9 | YUM CHINA HLDGS INC | PUT | |
| 98872F 10 5 | YUMA ENERGY INC NEW | COM | |
| 98873N 10 7 | YUNJI INC | ADS RP CL A | ADDED |
| 98884U 10 8 * | ZAGG INC | COM | |
| 98884U 90 8 | ZAGG INC | CALL | |
| 98884U 95 8 | ZAGG INC | PUT | |
| 98885E 10 3 * | ZAFGEN INC | COM | |
| 98885E 90 3 | ZAFGEN INC | CALL | |
| 98885E 95 3 | ZAFGEN INC | PUT | |
| 98887Q 10 4 * | ZAI LAB LTD | ADR | |
| 98887Q 90 4 | ZAI LAB LTD | CALL | |
| 98887Q 95 4 | ZAI LAB LTD | PUT | |
| 98919V 10 5 * | ZAYO GROUP HLDGS INC | COM | |
| 98919V 90 5 | ZAYO GROUP HLDGS INC | CALL | |
| 98919V 95 5 | ZAYO GROUP HLDGS INC | PUT | |
| 98920Y 30 4 | ZEALAND PHARMA A S | SPONSORED ADR | |
| 989207 10 5 * | ZEBRA TECHNOLOGIES CORP | CL A | |
| 989207 90 5 | ZEBRA TECHNOLOGIES CORP | CALL | |
| 989207 95 5 | ZEBRA TECHNOLOGIES CORP | PUT | |
| 98923T 10 4 | ZEDGE INC | CL B | |
| 98936J AB 7 | ZENDESK INC | NOTE 0.250% 3/1 | |
| 98936J 10 1 * | ZENDESK INC | COM | |
| 98936J 90 1 | ZENDESK INC | CALL | |
| 98936J 95 1 | ZENDESK INC | PUT | |

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| 98954M AB 7 | ZILLOW GROUP INC | NOTE 2.000%12/0 | |
| 98954M AC 5 | ZILLOW GROUP INC | NOTE 1.500% 7/0 | |
| 98954M 10 1 * | ZILLOW GROUP INC | CL A | |
| 98954M 90 1 | ZILLOW GROUP INC | CALL | |
| 98954M 95 1 | ZILLOW GROUP INC | PUT | |
| 98954M 20 0 * | ZILLOW GROUP INC | CL C CAP STK | |
| 98954M 90 0 | ZILLOW GROUP INC | CALL | |
| 98954M 95 0 | ZILLOW GROUP INC | PUT | |
| 98956P 10 2 * | ZIMMER BIOMET HLDGS INC | COM | |
| 98956P 90 2 | ZIMMER BIOMET HLDGS INC | CALL | |
| 98956P 95 2 | ZIMMER BIOMET HLDGS INC | PUT | |
| 989696 10 9 * | ZION OIL & GAS INC | COM | |
| 989696 90 9 | ZION OIL & GAS INC | CALL | |
| 989696 95 9 | ZION OIL & GAS INC | PUT | |
| 989696 14 1 | ZION OIL & GAS INC | *W EXP 01/31/202 | |
| 989701 10 7 * | ZIONS BANCORPORATION N A | COM | |
| 989701 90 7 | ZIONS BANCORPORATION N A | CALL | |
| 989701 95 7 | ZIONS BANCORPORATION N A | PUT | |
| 989701 11 5 | ZIONS BANCORPORATION N A | *W EXP 05/21/202 | |
| 98973P 10 1 * | ZIOPHARM ONCOLOGY INC | COM | |
| 98973P 90 1 | ZIOPHARM ONCOLOGY INC | CALL | |
| 98973P 95 1 | ZIOPHARM ONCOLOGY INC | PUT | |
| 98974P 10 0 * | ZIX CORP | COM | |
| 98974P 90 0 | ZIX CORP | CALL | |
| 98974P 95 0 | ZIX CORP | PUT | |
| 98978L 20 4 * | ZOGENIX INC | COM NEW | |
| 98978L 90 4 | ZOGENIX INC | CALL | |
| 98978L 95 4 | ZOGENIX INC | PUT | |
| 98978V 10 3 * | ZOETIS INC | CL A | |
| 98978V 90 3 | ZOETIS INC | CALL | |
| 98978V 95 3 | ZOETIS INC | PUT | |
| 98979F 10 7 | ZOMEDICA PHARMACEUTICALS COR | COM | |
| 98979H 20 2 | ZOSANO PHARMA CORP | COM NEW | |
| 98979V 10 2 * | ZOVIO INC | COM | ADDED |

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|-----------------|------------------------------|---------------------------|---------------|
| 98979V 90 2 | ZOVIO INC | CALL | ADDED |
| 98979V 95 2 | ZOVIO INC | PUT | ADDED |
| 98980A 10 5 * | ZTO EXPRESS CAYMAN INC | SPONSORED ADS A | |
| 98980A 90 5 | ZTO EXPRESS CAYMAN INC | CALL | |
| 98980A 95 5 | ZTO EXPRESS CAYMAN INC | PUT | |
| 98980G 10 2 * | ZSCALER INC | COM | |
| 98980G 90 2 | ZSCALER INC | CALL | |
| 98980G 95 2 | ZSCALER INC | PUT | |
| 98980L 10 1 * | ZOOM VIDEO COMMUNICATIONS IN | CL A | ADDED |
| 98980L 90 1 | ZOOM VIDEO COMMUNICATIONS IN | CALL | ADDED |
| 98980L 95 1 | ZOOM VIDEO COMMUNICATIONS IN | PUT | ADDED |
| 989817 10 1 * | ZUMIEZ INC | COM | |
| 989817 90 1 | ZUMIEZ INC | CALL | |
| 989817 95 1 | ZUMIEZ INC | PUT | |
| 98983V 10 6 * | ZUORA INC | COM CL A | |
| 98983V 90 6 | ZUORA INC | CALL | |
| 98983V 95 6 | ZUORA INC | PUT | |
| 98985W 10 2 * | ZYMEWORKS INC | COM | |
| 98985W 90 2 | ZYMEWORKS INC | CALL | |
| 98985W 95 2 | ZYMEWORKS INC | PUT | |
| 98986M 10 3 | ZYNEX INC | COM | |
| 98986T 10 8 * | ZYNGA INC | CL A | |
| 98986T 90 8 | ZYNGA INC | CALL | |
| 98986T 95 8 | ZYNGA INC | PUT | |
| 98986X 10 9 * | ZYNERBA PHARMACEUTICALS INC | COM | |
| 98986X 90 9 | ZYNERBA PHARMACEUTICALS INC | CALL | |
| 98986X 95 9 | ZYNERBA PHARMACEUTICALS INC | PUT | |

Total Count: 17,877