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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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**ANNUAL AUDITED REPORT
FORM X-17A-5
PART III**

SEC FILE NUMBER
8- 65999

FACING PAGE
**Information Required of Brokers and Dealers Pursuant to Section 17 of the
Securities Exchange Act of 1934 and Rule 17a-5 Thereunder**

REPORT FOR THE PERIOD BEGINNING 10/01/09 AND ENDING 09/30/10
MM/DD/YY MM/DD/YY

A. REGISTRANT IDENTIFICATION

NAME OF BROKER-DEALER: **Dynamex Trading, LLC**

OFFICIAL USE ONLY
FIRM I.D. NO.

ADDRESS OF PRINCIPAL PLACE OF BUSINESS: (Do not use P.O. Box No.)

220 Bush Street, Suite 600

(No. and Street)

San Francisco

CA

94104

(City)

(State)

(Zip Code)

NAME AND TELEPHONE NUMBER OF PERSON TO CONTACT IN REGARD TO THIS REPORT

Michael Clark

(415) 283-3410

(Area Code - Telephone Number)

B. ACCOUNTANT IDENTIFICATION

INDEPENDENT PUBLIC ACCOUNTANT whose opinion is contained in this Report*

McGladrey & Pullen, LLP

(Name - if individual, state last, first, middle name)

One South Wacker Dr., Suite 800 Chicago

IL

60606

(Address)

(City)

(State)

(Zip Code)

CHECK ONE:

- Certified Public Accountant
- Public Accountant
- Accountant not resident in United States or any of its possessions.

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*Claims for exemption from the requirement that the annual report be covered by the opinion of an independent public accountant must be supported by a statement of facts and circumstances relied on as the basis for the exemption. See Section 240.17a-5(e)(2)

SEC 1410 (06-02)

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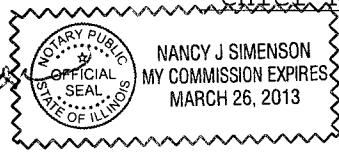
OATH OR AFFIRMATION

I, Michael Clark, swear (or affirm) that, to the best of my knowledge and belief the accompanying financial statement and supporting schedules pertaining to the firm of Dynamex Trading, LLC, as of September 30, 2010, are true and correct. I further swear (or affirm) that neither the company nor any partner, proprietor, principal officer or director has any proprietary interest in any account classified solely as that of a customer.

[Handwritten Signature]
Signature

Chief Financial Officer
Title

Nancy J. Simenson
Notary Public 11/23/10



This report ** contains (check all applicable boxes):

- (a) Facing Page.
(b) Statement of Financial Condition.
(c) Statement of Income (Loss).
(d) Statement of Changes in Financial Condition.
(e) Statement of Changes in Stockholders' Equity or Partners' or Sole Proprietors' Capital.
(f) Statement of Changes in Liabilities Subordinated to Claims of Creditors.
(g) Computation of Net Capital.
(h) Computation for Determination of Reserve Requirements Pursuant to Rule 15c3-3.
(i) Information Relating to the Possession or Control Requirements Under Rule 15c3-3.
(j) A Reconciliation, including appropriate explanation of the Computation of Net Capital Under Rule 15c3-1 and the Computation for Determination of the Reserve Requirements Under Exhibit A of Rule 15c3-3.
(k) A Reconciliation between the audited and unaudited Statements of Financial Condition with respect to methods of consolidation.
(l) An Oath or Affirmation.
(m) A copy of the SIPC Supplemental Report.
(n) A report describing any material inadequacies found to exist or found to have existed since the date of the previous audit.

**For conditions of confidential treatment of certain portions of this filing, see section 240.17a-5(e)(3).

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Independent Auditor's Report

To the Member
Dynamex Trading, LLC
San Francisco, CA

We have audited the accompanying statement of financial condition of Dynamex Trading, LLC (the Company) as of September 30, 2010, that you are filing pursuant to Rule 17a-5 under the Securities Exchange Act of 1934. This financial statement is the responsibility of the Company's management. Our responsibility is to express an opinion on this financial statement based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the statement of financial condition is free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the statement of financial condition. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall statement of financial condition presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the statement of financial condition referred to above presents fairly, in all material respects, the financial position of Dynamex Trading, LLC as of September 30, 2010 in conformity with accounting principles generally accepted in the United States of America.

McGladrey & Pullen, LLP

Chicago, Illinois
November 23, 2010

Dynamex Trading, LLC

**Statement of Financial Condition
September 30, 2010**

Assets

Cash	\$	3,964
Receivable from and deposit with clearing broker		150,023
Transaction fees receivable		14,881
Other assets		<u>2,348</u>

Total assets	\$	<u>171,216</u>
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Liabilities and Member's Equity

Accounts payable and accrued expenses	\$	19,027
Member's equity		<u>152,189</u>

Total liabilities and member's equity	\$	<u>171,216</u>
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See Notes to the Statement of Financial Condition.

Dynamex Trading, LLC

Notes to Statement of Financial Condition

Note 1. Nature of Operations and Significant Accounting Policies

Nature of operations: Dynamex Trading, LLC (the Company), a California limited liability company organized in August 2002, is a wholly-owned subsidiary of Group One Trading LLC (the Member). The Company is a broker-dealer registered with the Securities and Exchange Commission (SEC) and is a member of the Financial Industry Regulatory Authority (FINRA). The Company provides securities and derivatives execution services on U.S. national exchanges, clearing through a clearing broker.

The Company operates under the provisions of paragraph (k)(2)(i) of Rule 15c3-3 of the SEC and accordingly, is exempt from the remaining provisions of that rule. The requirements of paragraph (k)(2)(i) provide that the Company carry no margin accounts, promptly transmit all customer funds and deliver all securities received in conjunction with its activities as a broker-dealer and does not hold funds or securities for or owe money or securities to customers.

Significant accounting policies are as follows:

Use of estimates: The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amount of revenue and expenses during the reporting period. Actual results could differ from those estimates.

Income taxes: Under the provisions of the Internal Revenue Code, the Company is treated as a division of the Member. Accordingly, no provision or benefit for income taxes has been made as the Company's taxable income or loss is included in the tax return of the Member.

FASB provides guidance for how uncertain tax positions should be recognized, measured, disclosed and presented in the financial statements. This requires the evaluation of tax positions taken or expected to be taken in the course of preparing the Company's tax returns to determine whether the tax positions are "more-likely-than-not" of being sustained "when challenged" or "when examined" by the applicable tax authority. Tax positions not deemed to meet the more-likely-than-not threshold would be recorded as a tax benefit or expense and liability in the current year. Management has determined that there are no material uncertain income tax positions through September 30, 2010. The Company is generally not subject to examination by United States federal and state tax authorities for the tax years before 2007.

Revenue recognition: Transaction fee revenues and related expenses are recorded on a trade-date basis as transactions occur.

Note 2. Related-Party Transactions

The Company provides securities and derivatives execution services to an affiliate of the Member, Group One Trading, L.P. (Group One). For the year ended September 30, 2010, transaction fees include \$64,998 arising from these services.

Pursuant to a written agreement, Group One provides the Company office space and certain administrative services.

Notes to Statement of Financial Condition

Note 3. Concentration of Credit Risk

Substantially all of the Company's assets are held at Merrill Lynch Professional Clearing Corp. (the Company's Clearing Broker), a guaranteed subsidiary of Bank of America. Pursuant to agreement, the Company's Clearing Broker is required to, among other things, perform computations for proprietary accounts of introducing brokers (PAIB) and segregate certain assets on behalf of the Company. However, in the event of the Company's Clearing Broker's insolvency or in the event it does not fulfill its obligations, the Company may be exposed to risk. The Company does not anticipate nonperformance by its customers or its clearing broker. In addition, the Company has a policy of reviewing, as considered necessary, the clearing broker with which it conducts business.

Note 4. Indemnifications

In the normal course of business, the Company enters into contracts that contain a variety of representations and warranties that provide indemnifications under certain circumstances. The Company's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Company that have not yet occurred. Management of the Company expects the risk of loss to be remote.

Note 5. Net Capital Requirements

The Company is subject to the Securities and Exchange Commission's Uniform Net Capital Rule (Rule 15c3-1). Under this rule, the Company is required to maintain net capital of \$100,000 or, 6-2/3 percent of "aggregate indebtedness," whichever is greater, as these terms are defined. Net capital and aggregate indebtedness change from day to day, but at September 30, 2010, the Company had net capital and net capital requirements of \$134,960 and \$100,000, respectively. The net capital rule may effectively restrict distributions to the Member.

Note 6. Subsequent Events

The Company has evaluated subsequent events for potential recognition and/or disclosure through the date the financial statements were issued and noted the following: on October 4, 2010, the Company received a capital contribution in the amount of \$75,000 from the Member.