To everyone:

Since you keep me unemployed, homeless, and penniless...

I can still read, write, and do math...

or is it still not good enough to be a maize...

i call it:

Red Grains that fly by Knights

in regards to...

https://www.sec.gov/rules/sro/nms/2013/34-68953.pdf

hope you guys like it

its just a story behind the new financial laws that will change our lives as we know it

if you know finance that is...

those dark pools are about to get shallower, period.

and the SEC is doing it in reading, writing, and math

please take it to heart because this one is a pilot program that can become quite pontius

bill

Red Grains that fly by Knights...

#### https://www.sec.gov/rules/sro/nms/2013/34-68953.pdf

By

#### William Derbyshire

21 Feb 2013

Camp fires by night ...



A long time ago the American Indians lit a camp fire. This satellite image is that camp fire today.

Your issue for the day is the Kansas City Board of Trade pilot program of today and the Camp Fire Theory of yester year.

It is a pilot program that cannot sustain an open field grazing of bison.

It is a theology of growth to sustain a projected securitization of a sustenance product in subsidiary to the CME Group. This issuance of perspective began at the fiscal cliff talks between the FED and the Presidential Office at the beginning of the 2013 fiscal year. My friends think beef, trees, and water, but not just in commodity rate. Think about the four pillars of castles and the fifth pillar of religion and apply it to your principle objective of this pilot program. Those pillars are Fire, Earth, Air, Water, and Religion. From inception of National Growth objectives the strength of the Earth and Water of the US securitized assets is as such.

Decimalization of 2007 is a preemptive reasoning to the growth of the securitized assets of the CME Groups expansion abject and object rationality, in nomenclature as such Kansas City Board of Trade, or your issue of the day, stabilization of the at hand pilot program.

Will that camp fire burn brighter tonight?

## EXHIBIT A PLAN TO ADDRESS EXTRAORDINARY MARKET VOLATILITY SUBMITTED TO THE SECURITIES AND EXCHANGE COMMISSION PURSUANT TO RULE 608 OF REGULATION NMS UNDER THE SECURITIES EXCHANGE ACT OF 1934

### Categories:

- <u>Finance theories</u>
- <u>Mathematical finance</u>
- <u>Options</u>

National Balancing Point(HUB)

NBP https://en.wikipedia.org/wiki/National\_Balancing\_Point\_%28UK%29

### **Balance**

Unlike continental European trading hubs such as Zeebrugge and TTF, trades made at the NBP are not required to be balanced, and there is no fixed penalty for being out of balance. Instead, shippers out of balance at the end of the day are automatically balanced through the 'cash-out' procedure whereby the shipper is automatically made to buy or sell the required quantity of gas to balance their position at the marginal system buy or sell price for that day. This cash out process is not considered to be a penalty in the same way as those imposed on shippers in continental markets, because the cash-out prices are often very close to the spot price. As a result of this daily market liquidity, the UK's NBP is frequently used to balance a shipper's position on the continent by way of the Bacton - Zeebrugge interconnector.

Vs.

## Derivation

First, note that under the assumption that there are no <u>arbitrage</u> opportunities (the prices are <u>arbitrage-free</u>), two portfolios that always have the same payoff at time T must have the same value at any prior time.

II. Parties (A) List of Parties

The parties to the Plan are as follows:

BATS EXCHANGE, INC. BATS Y-EXCHANGE, INC. CHICAGO BOARD OPTIONS EXCHANGE, INCORPORATED CHICAGO STOCK EXCHANGE, INC. EDGA EXCHANGE, INC. FINANCIAL INDUSTRY REGULATORY AUTHORITY, INC. EDGX EXCHANGE, INC. NASDAQ OMX BX, INC. NASDAQ OMX BX, INC. NASDAQ OMX PHLX LLC THE NASDAQ STOCK MARKET LLC NATIONAL STOCK EXCHANGE, INC. NEW YORK STOCK EXCHANGE LLC NYSE MKT LLC NYSE ARCA, INC.

All Participants are subsidiaries of above listed Parties

III. Amendments to Plan
(A) General Amendments
(B) New Participants
(C) Operating Committee

(1) Each Participant
(2) The Operating Committee shall monitor
(3) Any recommendation for an amendment to the Plan Send an e-mail to

rule-comments@sec.gov

Please include File Number 4-631on the subject line.

My name is

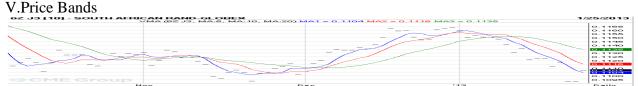
bill

and I am recommending...

IV. Trading Center Policies and Procedures

All trading centers in NMS Stocks, including both those operated by Participants and those operated by members of Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to comply with the limit up limit down requirements specified in Sections VI of the Plan, and to comply with the Trading Pauses specified in Section VII of the Plan.

Go to section VII...



(A)Calculation and Dissemination of Price Bands

(1)The Processor for each NMS stock shall calculate and disseminate to the public a Lower Price Band and an Upper Price Band during Regular Trading Hours for such NMS Stock.

The Price Bands shall be based on a Reference Price for each NMS Stock that equals the arithmetic mean price of Eligible Reported Transactions for the NMS stock over the immediately preceding five minute period

(except for periods following openings and reopenings, which are addressed below).

If no Eligible Reported Transactions for the NMS Stock have occurred over the immediately preceding five minute period, the previous Reference Price shall remain in effect.

The Price Bands for an NMS Stock shall be calculated by applying the Percent age Parameter for such NMS Stock to the Reference Price,

with the Lower Price Band being a Percentage Parameter below the Reference Price, and

the Upper Price Band being a Percentage Parameter above the Reference Price.

The Price Bands shall be calculated during Regular Trading Hours. Between 9:30 a.m.

and 9:45 a.m. ET, and 3:35 p.m. and 4:00 p.m. ET,

or

in the case of an early scheduled close, during the last 25 minutes of trading before the early scheduled close,

the Price Bands shall be calculated by applying double the Percentage Parameters set forth in Appendix A.

If a Reopening Price does not occur within ten minutes after the beginning of a Trading Pause,

the Price Band, for the first 30 seconds following the reopening after that Trading Pause, shall be calculated by

applying triple the Percentage Parameters set forth in Appendix A.

## S&P 500 Index, the Russell 1000 Index, and the exchange-traded products ("ETP")...prime rate...

(2) The Processor shall calculate a Pro Forma Reference Price

## on a continuous basis

during Regular Trading Hours, as specified in Section V(A)(1) of the Plan. Green Light...arbitrage

If a Pro Forma Reference Price has not moved by 1% or more from the Reference Price currently in effect, no new Price Bands shall be disseminated, and the current Reference Price shall remain the effective Reference Price.

#### Yellow Light...arbitrage

When the Pro Forma Reference Price has moved by 1% or more from the Reference Price currently in effect, the Pro Forma Reference Price shall become the Reference Price, and the Processor shall disseminate new Price Bands based on the new Reference Price;

#### Red Light...arbitrage

provided, however, that each new Reference Price shall remain in effect for at least 30 seconds.

Green Light...arbitrage

#### (B) Openings

(1) Except when a Regulatory Halt

## 9:45 a.m. ET, and 3:35 p.m

(2) If the Opening Price on the Primary Listing Exchange in an NMS Stock does not occur within five minutes

arbitrage

## 9:45 a.m. ET, and 3:35 p.m

(C) Reopenings

(1) Following a Trading Pause

(2) Following a Regulatory Halt,

arbitrage

## 9:45 a.m. ET, and 3:35 p.m

VI. Limit Up-Limit Down Requirements

(A) Limitations on Trades and Quotations Outside of Price Bands

(1) Participants, shall establish, maintain, and enforce written policies and

procedures that are reasonably designed to prevent trades at

prices

https://en.wikipedia.org/wiki/Time Mathematical finance

https://en.wikipedia.org/wiki/Exponential\_time

## What do you mean written when its math...hello computer technology in a 2013 environment... and where is your thousand proof requirements for written addendums in actuation on real time basis?

(2) the Processor shall disseminate with an appropriate flag identifying it as non-executable.

Mathematical finance

Financial asset securitization investment trust

A financial asset securitization investment trust (FASIT) was a type of special purpose entity used for securitization of any debt and ...

2 KB (310 words) - 18:47, 10 August 2012

(3) Participants, shall establish, maintain, and enforce written policies and procedures that are reasonably designed to prevent the display of offers

Contact us: www.quanthouse.com/email

https://en.wikipedia.org/wiki/IntercontinentalExchange

(B) Entering and Exiting a Limit State

(1) All trading for an NMS Stock shall immediately enter

(2) When trading for an NMS Stock enters a Limit State, the Processor

shall disseminate this information by identifying the relevant quotation

(3) Trading for an NMS Stock shall exit a Limit State if, Within 15

seconds

(4) If trading for an NMS Stock exits a Limit State within 15 seconds of entry,

(5) If trading for an NMS Stock does not exit a Limit State within 15 seconds of entry,

is that an INTEL Celeron... an APACHE server or what...dude?

https://en.wikipedia.org/wiki/Time

And the next section sets time delays of 5 to 10 minutes... not immediately...

http://www.google.com/url?sa=t&source=web&cd=1&ved=0CB8QFjAA&url=http%3A %2F%2Fweb.mit.edu%2Fnewsoffice%2F2009%2Fgraphene-palacios-0319.html&ei=Ne5GTp2\_LbLUiAKrkO3KAQ&usg=AFQjCNF7n5KUat70Xeu0IIC9yR S6mM6zeA) VII. Trading Pauses

(A) Declaration of Trading Pauses

(1) NMS Stock does not exit a Limit State within 15 seconds of entry

((LAW)(Motion)(<u>Mathematical finance</u>)(TIME))

In ETHOS, PATHOS, and, LOGOS...

$$C - P = D(F - K)$$

Derivation

Of (time) in Mathematical finance  

$$C(t) - P(t) = S(t) - K \cdot B(t, T)$$

**Time series models** 

First, note that under the assumption that there are no <u>arbitrage</u> opportunities (the prices are <u>arbitrage-free</u>), two portfolios that always have the same payoff at time T must have the same value at any prior time. Ect...

(2) from normal trading characteristics such that declaring a Trading Pause would support the Plan's goal to address extraordinary market volatility.



(3) **The Processor**(COMPUTER) shall disseminate Trading Pause information to the public.

http://en.wikipedia.org/wiki/PostgreSQL

## Ect...then <u>arbitrage</u>

Time... Infrastructure top-level domain

| Infrastructure                          | Entity   | Notes | DNSSE<br><u>C</u> |
|---|--|-------|-------------------|
| <u>.arpa</u>                            | Address and Routing Parameter Area This is an Internet infrastructure TLD. |       | Yes               |
| Codes • <u>Call sign (ITU) prefixes</u> |  |       |                   |

<u>Call sign (110) prefixes</u>
 Country calling codes

- FIFA country codes
- FIPS country codes
- Internet TLDs
- IOC country codes
- ISO country codes
- <u>Ship prefixes</u>

More commonly known as: <u>Mathematical finance</u>

(B) Reopening of Trading During Regular Trading Hours

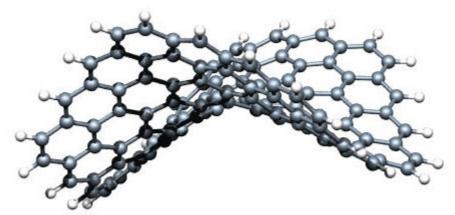
## (1) Five minutes after declaring a Trading Pause Contact us: www.quanthouse.com/email

(4) The Primary Listing Exchange shall notify the Processor Contact us: www.quanthouse.com/email

(3) If the Primary Listing Exchange does not report a Reopening Price

## within ten minutes

See <u>Risk-neutral measure</u> for the complete article <u>Time series models</u>



http://www.google.com/url?sa=t&source=web&cd=1&ved=0CB8QFjAA&url=http%3A %2F%2Fweb.mit.edu%2Fnewsoffice%2F2009%2Fgraphene-palacios-0319.html&ei=Ne5GTp2\_LbLUiAKrkO3KAQ&usg=AFQjCNF7n5KUat70Xeu0IIC9yR S6mM6zeA)

Buying your own rolling bids...

**Decimalisation** is the process of converting a currency from its traditional <u>denominations</u> to a <u>decimal</u> system, based on one basic unit of currency and a sub-unit which is a power of <u>10</u>, most commonly 100.

https://en.wikipedia.org/wiki/Exponential\_time

exponential time <u>E</u>  $2^{O(n)}$  1.1<sup>*n*</sup>, 10<sup>*n*</sup> Solving the <u>traveling salesman problem</u> using <u>dynamic programming</u>

(C) Trading Pauses Within Five Minutes of the End of Regular Trading Hours

https://en.wikipedia.org/wiki/High-frequency\_trading
(1)If a Trading Pause ... you put one more person on welfare...
This what happens in <u>arbitrage</u>
<a href="https://en.wikipedia.org/wiki/Margin\_call#Margin\_ca

https://en.wikipedia.org/wiki/High-frequency\_trading

https://en.wikipedia.org/wiki/IFRS

http://www.google.com/url?sa=t&source=web&cd=1&ved=0CB8QFjAA&url=http%3A

<u>%2F%2Fweb.mit.edu%2Fnewsoffice%2F2009%2Fgraphene-palacios-</u>

0319.html&ei=Ne5GTp2\_LbLUiAKrkO3KAQ&usg=AFQjCNF7n5KUat70Xeu0lIC9yR

S6mM6zeA)

http://winjammer.futures.org/WinJammerMain.aspx

CCH - ProSystem fx® Engagement

https://en.wikipedia.org/wiki/Time

5 List of International Financial Reporting Standards

Constant Item Purchasing Power Accounting[5]

(2) Financial capital maintenance in <u>nominal monetary units</u> (Historical cost accounting)<sup>[3]</sup>:

authorized by IFRS but not prescribed—optional during low inflation and deflation. See Par 104 (a) <u>Historical cost accounting</u>. Financial capital maintenance in <u>nominal monetary units</u> per se during inflation and deflation is a

fallacy

it is impossible to maintain the real value of financial capital constant with measurement in nominal monetary units per se during inflation and deflation.

Stochastic volatility, in the mathematical theory of probability

Volatility (finance), a measure of the risk in a financial instrument

Now remember we are still reading: https://www.sec.gov/rules/sro/nms/2013/34-68953.pdf

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Table of Contents

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Section

Preamble.....1

Preamble The Participants submit to the SEC this Plan establishing procedures to address extraordinary volatility in NMS Stocks. <u>https://en.wikipedia.org/wiki/Exponential\_time</u>

VIII. Implementation

The initial date of Plan operations shall be April 8, 2013.

(1) On the initial date of Plan operations, [apply immediately following the initial date of Plan operations.]

(2) Three months after the initial date of Plan operations,

(3) During Phase I, the first Price Bands for a trading day shall be calculated and disseminated 15 minutes after the start of Regular Trading

Hours as specified in Section (V)(A) of the Plan.

What the...Volatility (finance), a measure of the risk in a financial instrument

#### IN WITNESS THEREOF,

this Plan has been executed as of the \_\_\_\_ day of \_\_\_\_\_ 2013 by each of the parties hereto.

BATS EXCHANGE, INC. BATS Y-EXCHANGE, INC. CHICAGO BOARD OPTIONS EXCHANGE, INCORPORATED CHICAGO STOCK EXCHANGE, INC. EDGA EXCHANGE, INC. FINANCIAL INDUSTRY REGULATORY AUTHORITY, INC. EDGX EXCHANGE, INC. NASDAQ OMX BX, INC. NASDAQ OMX BX, INC. NASDAQ OMX PHLX LLC THE NASDAQ STOCK MARKET LLC NATIONAL STOCK EXCHANGE, INC. NEW YORK STOCK EXCHANGE LLC NYSE MKT LLC NYSE ARCA, INC.

### **Appendix A – Percentage Parameters**

I. Tier 1 NMS Stocks

# (1) Tier 1 NMS Stocks shall include all NMS Stocks included in the S&P 500 Index, the Russell 1000 Index, and the exchange-traded products ("ETP") listed on Schedule 1 to this Appendix.

II. Tier 2 NMS Stocks

Mathematical finance

The big question of your proposal is:

Do you know what you are talking, writing, speaking about?

Appendix A – Schedule 1

SymbolNameS&P 500 IndexRussell 1000 IndexETP

#### Appendix B – Data

Unless otherwise specified, the following data shall be collected and transmitted to the SEC in an agreed-upon format on a monthly basis, to be provided 30 calendar days following month end.

I. **Summary Statistics** A. Frequency with which NMS Stocks enter a Limit State. Such summary data shall be broken down as follows:

II. **Raw Data** (all Participants, except A-E, which are for the Primary Listing Exchanges only)

III. At least two months prior to the end of the Pilot Period, all Participants shall provide to the SEC assessments relating to <u>the</u> impact of the Plan and calibration of the Percentage Parameters as follows: