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

OMB APPROVAL
OMB Number: 3235-0123
Expires: February 28, 2010
Estimated average burden
hours per response12.00



10026531

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

SEC FILE NUMBER
8-67805

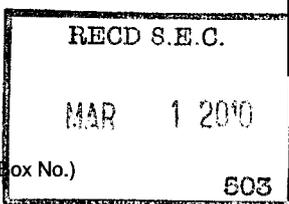
FACING PAGE
Information Required of Brokers and Dealers Pursuant to Section 17 of the
Securities Exchange Act of 1934 and Rule 17a-5 Thereunder

REPORT AS OF 12/31/09
MM/DD/YY

A. REGISTRANT IDENTIFICATION

NAME OF BROKER-DEALER:

TRADING MACHINES LLC



OFFICIAL USE ONLY
FIRM ID. NO.

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

One Atlantic Street, Suite 301

(No. and Street)

Stamford

(City)

Connecticut

(State)

06901

(Zip Code)

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

Mark Grant

(203) 588-2677

(Area Code - Telephone No)

B. ACCOUNTANT IDENTIFICATION

INDEPENDENT PUBLIC ACCOUNTANT whose opinion is contained in this Report*

Ryan & Juraska, Certified Public Accountants

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

141 West Jackson Boulevard, Suite 2250

(Address)

Chicago

(City)

Illinois

(State)

60604

(Zip Code)

CHECK ONE:

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

FOR OFFICIAL USE ONLY

*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).

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OATH OR AFFIRMATION

I, **Mark D. Grant**, swear (or affirm) that, to the best of my knowledge and belief, the accompanying financial statement and supporting schedules pertaining to the firm of **Trading Machines LLC** as of **December 31, 2009** 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, except as follows:

None

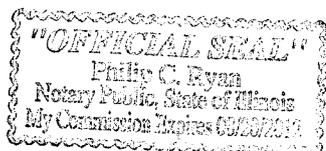


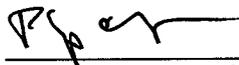
Signature

Chief Financial Officer
Title

Subscribed and sworn to before me this

24th day of February, 2010





Notary Public

This report** contains (check all applicable boxes)

- (a) Facing Page.
- (b) Statement of Financial Condition.
- (c) Statement of Income (Loss).
- (d) Statement of Cash Flows.
- (e) Statement of Changes in Stockholders' Equity or Partners' or Sole Proprietor's Capital.
- (f) Statement of Changes in Liabilities Subordinated to Claims of General Creditors.
- (g) Computation of Net Capital for Brokers and Dealers pursuant to Rule 15c3-1.
- (h) Computation for Determination of Reserve Requirements Pursuant to Rule 15c3-3.
- (i) Information Relating to the Possession or Control Requirements for Brokers and Dealers 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.
- (o) Independent Auditors' Report on Internal Accounting Control.
- (p) Schedule of Segregation Requirements and Funds in Segregation – Customers' Regulated Commodity Futures Accounts Pursuant to CFTC Rule 1.10(d)2(iv).

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



RYAN & JURASKA

Certified Public Accountants

141 West Jackson Boulevard
Chicago, Illinois 60604

Tel: 312.922.0062

Fax: 312.922.0672

INDEPENDENT AUDITORS' REPORT

To the Member of
Trading Machines LLC

We have audited the accompanying statement of financial condition of Trading Machines LLC, (the "Company") as of December 31, 2009, 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 consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. 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 financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statement referred to above presents fairly, in all material respects, the financial position of Trading Machines LLC as of December 31, 2009 in conformity with generally accepted accounting principles.

Our audit was conducted for the purpose of forming an opinion on the basic financial statement taken as a whole. The information contained in the supplementary schedules is presented for purposes of additional analysis and is not a required part of the basic financial statement, but is supplementary information required by Rule 17a-5 under the Securities Exchange Act of 1934. Such information has been subjected to the auditing procedures applied in our audit of the basic financial statements and, in our opinion, is fairly stated in all material respects, in relation to the basic financial statement taken as a whole.

A handwritten signature in cursive script that reads "Ryan & Juraska".

Chicago, Illinois
February 24, 2010

TRADING MACHINES LLC

Statement of Financial Condition

December 31, 2009

Assets

Cash and cash equivalents	\$	1,802,262
Receivable from brokers and dealers		226,053
Receivable from affiliate		1,164,056
Other receivables		149,030
Furniture, equipment and leasehold improvements (less accumulated depreciation and amortization of \$1,147,855)		1,323,565
Computer software developed for internal use (less accumulated amortization of \$695,626)		869,532
Other assets		<u>133,641</u>
	\$	<u><u>5,668,139</u></u>

Liabilities and Member's Equity

Liabilities:		
Accounts payable and accrued expenses	\$	912,788
Member's equity		<u>4,755,351</u>
	\$	<u><u>5,668,139</u></u>

See accompanying notes.

TRADING MACHINES LLC

NOTES TO STATEMENT OF FINANCIAL CONDITION December 31, 2009

1. Organization and Business

Trading Machines LLC (the "Company"), a Connecticut limited liability company, was organized on October 2, 2007. The Company is a broker-dealer registered with the Securities and Exchange Commission and is a member of the Chicago Board Options Exchange (the "CBOE"). The Company engages primarily in the proprietary trading of exchange-traded equity securities and equity options contracts.

2. Summary of Significant Accounting Policies

Securities Valuation and Revenue Recognition

Securities transactions and related commissions and expenses are recorded on a trade date basis. Securities owned and securities sold, not yet purchased are recorded in the statement of financial condition at fair value in accordance with Statement of Financial Accounting Standards No. 157. Realized and unrealized gains or losses from trading are included in trading gains in the statement of operations.

Depreciation and Amortization

Furniture and equipment are being depreciated over the estimated useful lives of the assets using the straight-line method. Leasehold improvements are being amortized on a straight-line basis over the term of the associated lease.

Computer Software Developed for Internal Use

Direct costs of materials and services incurred in developing internal-use computer software, including payroll costs for employees directly associated with the project, were capitalized during the application development stage. Such capitalized costs are being amortized over their estimated useful lives. Post-development operation stage costs are expensed as incurred.

Cash Equivalents

Cash equivalents consist of a certificate of deposit with a maturity of less than six months.

Income Taxes

No provision has been made for federal income taxes as the taxable income or loss of the Company is included in the respective income tax return of the sole member.

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 amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates.

TRADING MACHINES LLC

NOTES TO STATEMENT OF FINANCIAL CONDITION, Continued December 31, 2009

3. Lease Commitment

The Company conducts its operations in leased office facilities and annual rentals are charged to current operations.

The minimum annual rental commitments under a non-cancelable operating lease are approximately as follows as of December 31, 2009:

<u>Year Ending December 31</u>	<u>Amount</u>
2010	\$ 175,000
2011	175,000
2012	175,000
2013	<u>131,000</u>
Total	<u>\$ 656,000</u>

4. Fair Value Disclosure

The Company adopted Statement of Financial Accounting Standards No. 157 ("SFAS No. 157") as of January 1, 2008, which requires, among other things, enhanced disclosures about investments that are measured and reported at fair value. SFAS No. 157 establishes a hierarchy that prioritizes the inputs to valuation techniques. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. A fair value measurement assumes that the transaction to sell the asset or transfer the liability occurs in the principal market for the asset or liability or, in the absence of a principal market, the most advantageous market. The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels:

Level 1 Inputs Quoted prices in active markets for identical assets or liabilities at the reporting date.

Level 2 Inputs Other than quoted prices included with Level 1 that are observable for substantially the full term of the asset or liability, either directly or indirectly. Level 2 assets include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities that are not active; and inputs other than quoted prices that are observable, such as models or other valuation methodologies.

Level 3 Inputs Unobservable inputs for the valuation of the asset or liability. Level 3 assets include investments for which there is little, if any, market activity. These inputs require significant management judgment or estimation.

At December 31, 2009, the Company held no Level 1, 2 or 3 investments.

TRADING MACHINES LLC

NOTES TO STATEMENT OF FINANCIAL CONDITION, Continued
December 31, 2009

5. Net Capital Requirements

The Company is subject to the Securities and Exchange Commission Uniform Net Capital Rule (Rule 15(c)3-1). Under this rule, the Company is required to maintain "net capital" equal to the greater of \$100,000 or 6 and 2/3 % of "aggregate indebtedness", as defined.

At December 31, 2009, the Company had net capital and net capital requirements of \$1,110,329 and \$100,000, respectively.

SUPPLEMENTAL SCHEDULES

TRADING MACHINES LLC**Computation of Net Capital for Broker and Dealers pursuant to Rule 15c3-1**December 31, 2009

Computation of net capital

Total member's equity		\$	4,755,351
Deductions and/or charges:			
Nonallowable assets:			
Receivable from affiliate	\$	1,164,056	
Other receivables		149,030	
Furniture, equipment and leasehold improvements, net		1,323,565	
Computer software developed for internal use, net		869,532	
Other assets		133,641	(3,639,824)
Net capital before haircuts on securities positions			1,115,527
Haircuts on securities:			
Trading and investment securities:			
Other securities	\$	5,198	(5,198)
Net capital			\$ <u>1,110,329</u>

Computation of basic capital requirement

Minimum net capital required (greater of \$100,000 or 6 3/4% of aggregate indebtedness)			<u>100,000</u>
Net capital in excess of net capital requirement		\$	<u>1,010,329</u>

Computation of aggregate indebtedness

Aggregate indebtedness		\$	<u>912,788</u>
Ratio of aggregate indebtedness to net capital		%	<u>82.21</u>

There are no material differences between the above computation and the Company's corresponding unaudited Form FOCUS Part II filing as of December 31, 2009.

See accompanying notes.

TRADING MACHINES LLC

Computation for Determination of Reserve Requirements Pursuant to Rule 15c3-3

December 31, 2009

The Company did not handle any customer cash or securities during the year ended December 31, 2009 and does not have any customer accounts.

TRADING MACHINES LLC

Information Relating to Possession or Control Requirements pursuant to Rule 15c3-3

December 31, 2009

The Company did not handle any customer cash or securities during the year ended December 31, 2009 and does not have any customer accounts.



RYAN & JURASKA

Certified Public Accountants

141 West Jackson Boulevard
Chicago, Illinois 60604

Tel: 312.922.0062

Fax: 312.922.0672

**INDEPENDENT AUDITORS' REPORT
ON INTERNAL CONTROL**

To the Member of
Trading Machines LLC

In planning and performing our audit of the statement of financial condition of Trading Machines LLC (the "Company") as of December 31, 2009, we considered its internal control structure, including control activities for safeguarding securities, in order to determine our auditing procedures for the purpose of expressing our opinion on the financial statement and not to provide assurance on the internal control.

Also, as required by Rule 17a-5(g)(1) of the Securities and Exchange Commission (the "SEC"), we have made a study of the practices and procedures followed by the Company, including tests of such practices and procedures that we considered relevant to the objectives stated in Rule 17a-5(g), in making the periodic computations of aggregate indebtedness (or aggregate debits) and net capital under Rule 17a-3(a)(11) and for determining compliance with the exemptive provisions of Rule 15c3-3. Because the Company does not carry securities accounts for customers or perform custodial functions relating to customer securities, we did not review the practices and procedures followed by the Company in any of the following:

- (1) Making quarterly securities examinations, counts, verifications, and comparisons
- (2) Recordation of differences required by Rule 17a-13
- (3) Complying with the requirements for prompt payment for securities under Section 8 of Federal Reserve Regulation T of the Board of Governors of the Federal Reserve System

The management of the Company is responsible for establishing and maintaining an internal control structure and the practices and procedures referred to in the preceding paragraph. In fulfilling this responsibility, estimates and judgments by management are required to assess the expected benefits and related costs of internal control structure policies and procedures, and of the practices and procedures referred to in the preceding paragraph, and to assess whether those practices and procedures can be expected to achieve the SEC's above-mentioned objectives. Two of the objectives of an internal control structure and the practices and procedures are to provide management with reasonable but not absolute assurance that assets for which the Company has responsibility are safeguarded against loss from unauthorized use or disposition, and that transactions are executed in accordance with management's authorization and recorded properly to permit the preparation of the financial statement in accordance with generally accepted accounting principles. Rule 17a-5(g) lists additional objectives of the practices and procedures listed in the preceding paragraph.



Because of inherent limitations in internal control or the practices and procedures referred to above, error or fraud may occur and not be detected. Also, projection of any evaluation of them to future periods is subject to the risk that they may become inadequate because of changes in conditions or that the effectiveness of their design and operation may deteriorate.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statement that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statement will not be prevented or detected by the entity's internal control.

Our consideration of internal control was for the limited purpose described in the first, second and third paragraphs and would not necessarily identify all deficiencies in internal control that might be material weaknesses. We did not identify any deficiencies in internal control and control activities for safeguarding securities and certain regulated commodity customer and firm assets that we consider to be material weaknesses, as defined above.

We understand that practices and procedures that accomplish the objectives referred to in the second paragraph of this report are considered by the SEC to be adequate for its purposes in accordance with the Securities Exchange Act of 1934 and related regulations, and that practices and procedures that do not accomplish such objectives in all material respects indicate a material inadequacy for such purposes. Based on this understanding and on our study, we believe that the Company's practices and procedures were adequate at December 31, 2009 to meet the SEC's objectives.

This report is intended solely for the information and use of management, the SEC, the Chicago Board Options Exchange, and other regulatory agencies that rely on Rule 17a-5(g) under the Securities Exchange Act of 1934 in their regulation of registered brokers and dealers, and is not intended to be and should not be used by anyone other than these specified parties.

Ryan & Juraska

Chicago, Illinois
February 24, 2010

TRADING MACHINES LLC

**STATEMENT OF FINANCIAL CONDITION
AND SUPPLEMENTARY SCHEDULES
PURSUANT TO SEC RULE 17a-5(d)**

December 31, 2009

AVAILABLE FOR PUBLIC INSPECTION