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

SEC FILE NUMBER
8-53382

MAR 01 2010

Washington, DC
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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

OFFICIAL USE ONLY
FIRM ID. NO.

NAME OF BROKER-DEALER:

BLUEFIN TRADING, LLC

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

3 Park Avenue, 37th Floor
(No. and Street)

White Plains
(City)

New York
(State)

10016
(Zip Code)

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

Michael Kole

(847) 448-1180
(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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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
Bluefin Trading, LLC

We have audited the accompanying statement of financial condition of Bluefin Trading, 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 financial statement. 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 Bluefin Trading, LLC as of December 31, 2009, in conformity with accounting principles generally accepted in the United States of America.

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 statement and, in our opinion, is fairly stated in all material respects, in relation to the basic financial statement taken as a whole.

Chicago, Illinois
February 24, 2010

BLUEFIN TRADING, LLC

Statement of Financial Condition

December 31, 2009

Assets

Cash and cash equivalents	\$	750,698
Receivable from broker-dealer		459,869
Securities owned, at fair value		510,808,767
Exchange memberships, at fair value		489,500
Furniture and equipment (net of accumulated depreciation of \$868,613)		602,773
Receivable from affiliates		561,343
Other assets		231,924
	\$	<u>513,904,874</u>

Liabilities and Member's Equity

Liabilities

Payable to broker-dealer	\$	39,407,601
Securities sold, not yet purchased, at fair value		414,039,077
Payable to parent		19,020,451
Accounts payable and accrued expenses		2,209,027
Other liabilities		450,000
		<u>475,126,156</u>

Member's equity

		<u>38,778,718</u>
	\$	<u>513,904,874</u>

See accompanying notes.

BLUEFIN TRADING, LLC

NOTES TO STATEMENT OF FINANCIAL CONDITION December 31, 2009

1. Organization and Business

Bluefin Trading, LLC (the "Company"), a New York limited liability company, was formed in May 2001. The Company is a wholly owned subsidiary of Bluefin Holdings L.L.C. (the "Parent"). The Company is a broker-dealer registered with the Securities and Exchange Commission and is a member of NYSE Arca, Chicago Mercantile Exchange ("CME"), Chicago Board of Trade ("CBOT"), Chicago Board Options Exchange, NASDAQ OMX and NYSE Amex. The Company engages primarily in the proprietary trading of exchange-traded funds, equity securities, equity and index options, and futures contracts.

2. Summary of Significant Accounting Policies

Revenue Recognition and Securities Valuation

Securities transactions and related revenue and expenses are recorded on a trade date basis and, accordingly gains and losses are recorded on unsettled transactions. Futures transactions and resulting gains and losses are recorded on a trade date basis, and, accordingly, gains and losses are recorded on open futures contracts. Realized and unrealized gains or losses from securities and futures trading are included in trading gains in the statement of operations.

Securities are traded on various national securities exchanges (or reported on the NASDAQ national market) and are stated at the last reported sales price on the day of valuation. Futures and futures options contracts are traded on various national and international futures and securities exchanges and are stated at the last reported sales price on the day of valuation. All financial instruments are stated at a value that approximates fair value in accordance with Statement of Financial Accounting Standards No. 157.

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.

Cash Equivalents

Cash equivalents consist of money market mutual funds.

Income Taxes

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

Translation of Foreign Currencies

The Company accounts for its transactions denominated in foreign currencies in accordance with Financial Accounting Standards Board (FASB) Statement of Financial Accounting Standards No. 52, Foreign Currency Translation. Assets and liabilities denominated in foreign currencies are translated at year-end rates of exchange.

Reclassifications

For the statement of cash flows certain prior year balances have been reclassified to conform to the current year presentations.

BLUEFIN TRADING, LLC

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

2. Summary of Significant Accounting Policies, continued

Depreciation

Furniture and equipment is being depreciated over the estimated useful lives of the assets using the straight-line method.

3. Agreements and Related Party Transactions

The Company has a Joint Back Office ("JBO") clearing agreement with Merrill Lynch Professional Clearing Corp. ("ML-PRO"). The agreement allows JBO participants to receive favorable margin treatment as compared to the full customer margin requirements of Regulation T. As part of this agreement, the Company has invested \$50,000 in the preferred shares of ML-PRO. The Company's investment in ML-PRO is reflected in other assets in the statement of financial condition. Under the rules of the NYSE Alternext, the agreement requires that the Company maintain a minimum net liquidating equity of \$1 million with ML-PRO, exclusive of its preferred stock investment.

At December 31, 2009, the Company had receivables from affiliated entities totaling approximately \$561,000. These receivables represent the amounts paid for certain shared expenses by the Company on behalf of the affiliated entities. During the year ended December 31, 2009, the Company received payments from Bluefin Energy, LLC, Bluefin Specialists, LLC and Bluefin Grain L.L.C. and made payments to Bluefin Specialists, LLC, entities related through common ownership, totaling approximately \$2,098,000 and \$100,000, respectively for the year ended December 31, 2009.

The Company has a revolving loan agreement with the Parent up to a maximum of \$30,000,000 that terminates on January 31, 2012. At December 31, 2009, the Company had an outstanding balance on this credit line totaling approximately \$19,000,000. The company received payments from and made loan repayments to the Parent totaling approximately \$35,000,000 and \$16,000,000 respectively, for the year ended December 31, 2009.

Interest is paid on the outstanding principal loan balance at a rate equal to the federal funds rate plus one percent. At December 31, 2009, the Company owed interest on the outstanding balance totaling approximately \$20,000. During the year ended December 31, 2009, the Company made interest payments to the Parent totaling approximately \$155,000.

4. Exchange Memberships

At December 31, 2009, the Company owned memberships at the CME and CBOT. The Company's operating agreement requires exchange memberships to be valued at the last publicly-reported sales price if such sales price is between the last publicly-reported bid and offer. Otherwise the value will be whichever of the last publicly-reported bid or offer is closer to the last publicly-reported sale. Therefore, as of December 31, 2009 the value of the Company's exchange memberships are shown at fair value in the statement of financial condition.

BLUEFIN TRADING, LLC

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

4. Exchange Memberships, continued

Generally accepted accounting principles require that such memberships be recorded at cost, or, if a permanent impairment in value has occurred, at a value that reflects management's estimate of the fair value. The effect of this departure from generally accepted accounting principles is an understatement of member's equity by \$13,239 as of December 31, 2009. For the year ended December 31, 2009, the effect of this departure from generally accepted accounting principles is immaterial.

5. Concentration of Credit Risk

At December 31, 2009, a significant credit concentration consisted of approximately \$57.4 million, representing the fair value of the Company's trading accounts carried by its clearing broker, ML-PRO. Management does not consider any credit risk associated with this receivable to be significant.

6. Payable to Broker-Dealer

Payable to broker-dealer includes cash balances held at the Company's broker, unrealized gains and losses on open futures contracts and the net amount receivable or payable for securities transactions pending settlement. The broker provides execution, clearing and depository services for the Company's securities and futures trading activities.

7. Derivative Financial Instruments and Off-Balance Sheet Risk

In the normal course of business, the Company enters into transactions in derivative financial instruments that include exchange-traded futures and futures options contracts, equity and index options and short stock. All derivative instruments are held for trading purposes. All positions are reported in the accompanying statement of financial condition at fair value and gains and losses from derivative financial instruments are included in trading gains in the statement of income.

Futures contracts provide for the delayed delivery/receipt of commodities, securities or money market instruments with the seller/buyer agreeing to make/take delivery at a specified date, at a specified price.

Securities sold, not yet purchased, represent obligations of the Company to deliver specified securities and thereby create a liability to repurchase the securities in the market at prevailing prices. These transactions may result in off-balance sheet risk as the Company's ultimate obligation to satisfy its obligation for securities sold, not yet purchased may exceed the amount recognized in the statement of financial condition.

Options grant the purchaser, for the payment of a premium, the right to either purchase from or sell to the writer a specified instrument under agreed terms. As a writer of options, the Company receives a premium in exchange for bearing the risk of unfavorable changes in the price of the financial instruments underlying the options.

BLUEFIN TRADING, LLC

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

7. Derivative Financial Instruments and Off-Balance Sheet Risk, continued

Risk arises from the potential inability of counterparties to perform under the terms of the contracts (credit risk) and from changes in the values of the underlying financial instruments (market risk). The Company is subject to credit risk to the extent any broker with which it conducts business is unable to fulfill contractual obligations on its behalf. The Company attempts to minimize its exposure to credit risk by monitoring brokers with which it conducts investment activities. In management's opinion, market risk is substantially diminished when all financial instruments are aggregated.

8. Commitments

The Company conducts its operations in leased office facilities and annual rentals are charged to current operations. The leases are subject to escalation clauses based on the operating expenses of the lessor.

The minimum annual rental commitments under non-cancelable operating leases totaled approximately \$37,000 as of December 31, 2009:

9. Net Capital Requirements

The Company is subject to the Securities and Exchange Commission Uniform Net Capital Rule (Rule 15(c)3-1) and various exchange rules. Under the highest requirement, the Partnership 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 \$32,467,692 and \$1,445,299, respectively.

10. Subsequent Events

In February 2010 capital distributions were paid to the Parent totaling \$17,000,000. As of February 24, 2010, the Company had an outstanding loan balance to the Parent totaling \$14,000,000.

11. Fair Value Disclosure

The Company adopted Statement of Financial Accounting Standards No. 157 ("SFAS No. 157"), which requires, among other things, enhanced disclosures about investments that are measured and reported at fair value. SFAS No. 157 establishes a fair value hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs are those that market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Company. Unobservable inputs reflect the Company's assumptions about the inputs market participants would use in pricing the asset or liability developed based on the best information available in the circumstances. The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels:

BLUEFIN TRADING, LLC

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

11. Fair Value Disclosure, continued

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.

The following table presents the Company's fair value hierarchy for those assets and liabilities measured at fair value on a recurring basis as of December 31, 2009:

	Level 1	
	Assets	Liabilities
	Securities Owned	Securities Sold, Not Yet Purchased
Stocks	\$ 327,896,095	\$ 200,630,845
Options	151,633,854	205,871,440
Corporate obligations	7,331,784	6,844,756
U.S. Government obligations	21,456,322	39,780
U.S. Government agency	1,728,730	-
Foreign Government obligations	761,982	652,256
	<u>\$ 510,808,767</u>	<u>\$ 414,039,077</u>

At December 31, 2009, the Company had open futures contracts totaling (\$2,967,513), which were Level 1 investments. At December 31, 2009, the Company held no Level 2 or Level 3 investments.

SUPPLEMENTAL SCHEDULES

BLUEFIN TRADING, 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		\$	38,778,718
Deductions and/or charges:			
Nonallowable assets:			
Exchange memberships, at fair value	\$	489,500	
Furniture and equipment, net		602,773	
Receivable from affiliates		561,343	
Other assets		<u>231,924</u>	<u>(1,885,540)</u>
Net capital before haircuts on securities positions			36,893,178
Haircuts on securities:			
Trading and investment securities:			
Other securities	\$	<u>4,425,486</u>	<u>(4,425,486)</u>
Net capital			<u>\$ 32,467,692</u>

Computation of basic capital requirement

Minimum net capital required (greater of \$100,000 or 6 ⅔% of aggregate indebtedness)			<u>1,445,299</u>
Net capital in excess of net capital requirement		\$	<u>31,022,393</u>

Computation of aggregate indebtedness

Aggregate indebtedness		\$	<u>21,679,478</u>
Ratio of aggregate indebtedness to net capital		%	<u>66.77</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.

BLUEFIN TRADING, 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.

BLUEFIN TRADING, 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
Bluefin Trading, LLC

In planning and performing our audit of the statement of financial condition of Bluefin Trading, 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 and second 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 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 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.

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

Chicago, Illinois
February 24, 2010

BLUEFIN TRADING, LLC
STATEMENT OF FINANCIAL CONDITION
AND SUPPLEMENTARY SCHEDULES
PURSUANT TO SEC RULE 17a-5(d)

December 31, 2009
AVAILABLE FOR PUBLIC INSPECTION

OATH OR AFFIRMATION

I, **Mike Kole** swear (or affirm) that, to the best of my knowledge and belief, the accompanying financial statements and supporting schedules pertaining to the firm of **Bluefin Trading, 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 _____



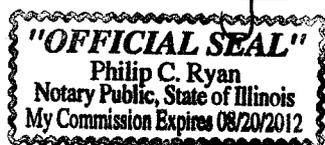
Signature

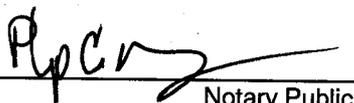
Chief Financial Officer

Title

Subscribed and sworn to before me this

25th 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).