

TWO SIGMA ADVISERS, LLC

March 28, 2013

This brochure provides information about the qualifications and business practices of Two Sigma Advisers, LLC (the “Adviser”). If you have any questions about the contents of this brochure, please contact us at (212) 625-5700. The information in this brochure has not been approved or verified by the United States Securities and Exchange Commission (the “SEC”) or by any state securities authority.

Additional information about the Adviser also is available on the SEC’s website at www.adviserinfo.sec.gov.

The Adviser is registered with the SEC as an investment adviser under the U.S. Investment Advisers Act of 1940, as amended. Registration with the SEC or with any state securities authority does not imply a certain level of skill or training.

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Item 4. Advisory Business

The Adviser is an investment adviser with its principal place of business in New York, New York. The Adviser commenced operations as an investment adviser in December 2009 and has been registered with the SEC since February 18, 2010. Two Sigma Management, LLC is the managing member of the Adviser. Trusts established by John A. Overdeck and David M. Siegel are the principal beneficial owners of the Adviser.

The Adviser is a process-driven, systematic investment manager. The Adviser provides advisory services on a discretionary basis to various private investment funds and commingled vehicles as well as to funds of one and separately managed accounts. The private investment funds, commingled vehicles, funds of one and financial institutions with separately managed accounts to which the Adviser provides advisory services are referred to herein collectively as “Clients,” and each individually as a “Client.”

The Adviser specializes in quantitative analysis and generally uses quantitative mathematical models that rely on patterns inferred from historical prices and other financial data in evaluating prospective investments. The Adviser has licensed from its affiliate, Two Sigma Investments, LLC (“TSI”), certain investment and execution analytics made available to the Adviser (“Analytics”) and other derived data to provide advisory services to Clients. The Analytics are comprised of quantitative models, optimizers and other order management and execution management systems used to exercise investment and brokerage discretion for Clients. The Adviser’s license permits the Adviser to modify various programmable settings in certain of the Analytics. The Adviser exercises its delegated authority from Clients by adjusting or modifying the various programmable settings of the licensed Analytics to accommodate each Client’s investment objectives and strategies.

The Adviser may provide advisory services with respect to a broad range of U.S. and non-U.S. securities and instruments, including, without limitation, U.S. and non-U.S. equity and equity-related securities, exchange-traded funds (ETFs), closed-end funds, bonds and other fixed income securities (including, without limitation, corporate, agency, non-U.S. and U.S. municipality, treasury and other fixed income instruments), futures, spot trades and forward contracts, warrants, put and call options (both listed and OTC including, without limitation, caps and floors), repurchase agreements, reverse repurchase agreements, equity and currency swaps, convertible instruments, inflation protection instruments, foreign exchange contracts, currencies, interest rates contracts and interest rate option contracts, commodity derivatives, various types of derivatives and other instruments across a wide variety of asset classes, including, but not limited to, in credit instruments and various types of credit, equity, interest rate, index and other derivatives and structured products including, among others, variance swaps and credit default swaps and any other derivatives on all of the instruments listed above (collectively, “Financial Instruments”).

The Adviser provides advisory services to Clients based on specific investment mandates, objectives and strategies set forth in each Client’s offering memorandum or investment management agreement. Other than those restrictions set forth in the applicable offering memorandum or investment management agreement, Clients may not impose restrictions on investing in certain securities or certain types of securities.

As of December 31, 2012, the Adviser had approximately \$8,461,456,253 of Client regulatory assets under management, all on a discretionary basis.

Item 5. Fees & Compensation

Asset-Based Compensation

Certain of the Clients pay the Adviser management fees for its management services (the “Management Fees”) through a deduction by the Client’s custodian of such Management Fees from the Client’s account under the Adviser’s instructions. The Management Fees are typically based on the Client’s assets under management and are determined based on an annualized rate. Currently, such rates range from 0.75% to 3%, as described in each such Client’s applicable offering memorandum or investment management agreement. The Management Fees are generally paid monthly in advance on the first day of each month or quarterly in arrears on the last day of each calendar quarter, as applicable; however, certain Clients may have Management Fees charged more or less frequently.

The Adviser may waive, reduce or modify the Management Fee for an investor in a Client or, alternatively, may substitute a Management Fee in whole or in part with a performance allocation or performance fee as agreed to with an investor in a Client.

Performance-Based Compensation

The Adviser may also receive performance-based compensation, which is compensation that is based on a share of the net capital gains or the net capital appreciation of the assets of a Client above the applicable benchmark, if any. This compensation may be allocated to or paid to the Adviser or a related person of the Adviser.

The Adviser is entitled to receive an incentive fee (the “Incentive Fee”) from one Client in an amount currently equal to 37.5% of the net profits for each fiscal quarter provided that the Incentive Fee is subject to adjustment for any previously unrecovered losses in prior periods, subject to certain other adjustments and provisions. The Adviser deducts the incentive fee from such Client’s account by instructing the Client’s custodian.

Two Sigma Principals, LLC (“Principals”), an affiliate of the Adviser, as the general partner or “allocation shareholder,” as applicable, of certain of the Clients, is entitled to receive an incentive allocation (the “Incentive Allocation”) from certain of such Clients in amounts currently ranging from 15%-45% of the net profits above the applicable benchmark, if any, allocated to each investor in such Clients for each fiscal quarter or year, as applicable, provided that certain of such Clients may have Incentive Allocations allocated more or less frequently. In addition, many of the Incentive Allocations are subject to adjustment for any previously unrecovered new losses allocated to each investor in prior periods, subject to certain other adjustments and provisions.

The Adviser may waive, reduce or modify the performance-based compensation for certain investors in Clients.

In addition to paying investment management fees and/or performance-based compensation to the Adviser (or a related person to the Adviser), Clients pay all of their own operating and investment expenses including, but not limited to: brokerage and transaction costs and custodian fees; fees and

expenses of any advisers and consultants to the Client; external legal, auditing, accounting, administration, tax return preparation and other professional fees and expenses; fees and expenses of the Client's administrator; taxes, fees and governmental charges; fees and expenses of any third party research, data, recommendations and/or services used by the Adviser in its investment decision making process (*e.g.*, in connection with the use, implementation and support of alpha capture systems developed by TSI and licensed by the Adviser); fees and expenses of valuation and/or pricing services and software; interest expenses; expenses of preparing and distributing reports, financial statements and notices to investors in Client; litigation and other extraordinary expenses; certain insurance expenses; and other expenses as may be detailed in the Client's offering memorandum or investment management agreement.

Please refer to Item 12 of this Brochure for further discussion of the Adviser's brokerage practices.

Item 6. Performance-Based Fees & Side-by-Side Management

The Adviser and its investment personnel provide investment management services to multiple Clients. With regard to certain Clients, the Adviser is entitled to be paid performance-based compensation. In addition, the Adviser's investment personnel are typically compensated by the Adviser or its affiliates on a basis that includes a performance-based component. The Adviser and its investment personnel, including investment personnel that share in performance-based compensation, manage both Client accounts that are charged performance-based compensation and accounts that are also or solely charged an asset-based fee, which is a non-performance-based fee. Certain Clients may have higher asset-based fees or more favorable performance-based compensation arrangements than other Clients. In addition, certain Clients utilize a higher level of leverage than other Clients. When the Adviser and its investment personnel manage more than one Client account, a potential exists for one Client account to be favored over another Client account. The Adviser and its investment personnel have a greater incentive to favor Clients that pay the Adviser (and indirectly its personnel) performance-based compensation or higher fees or, potentially, use a higher level of leverage.

In addition, the Adviser's affiliates and/or its principals invest in a number of Clients. Certain of such Clients utilize a higher degree of leverage than others. Because of the varying fee structures, leverage levels and allocation of proprietary capital from the investment of the Adviser, its affiliates and/or its principals, a potential exists for one Client to be favored over another Client. The Adviser and its investment personnel have a greater incentive to favor Clients that contain proprietary capital, pay the Adviser (and indirectly the portfolio manager) performance-based compensation or higher fees or, potentially, use a higher level of leverage.

Allocation of Licensed Investment Analytics

As noted above, the Adviser has licensed from TSI certain Analytics and derived data to provide advisory services to Clients. While TSI has complete discretion regarding which of its Analytics (including proprietary strategies and/or models and including newly developed Analytics that may meet the investment objectives of one or more Clients) it elects to license to (and correspondingly withhold from) the Adviser, the Adviser may elect to withhold any particular licensed investment Analytic from a Client, remove a licensed investment Analytic from a Client or materially increase or decrease a Client's exposure to a licensed investment Analytic.

The allocation of licensed investment Analytics among Clients may vary for one or more reasons, including (i) they have smaller capacity than can be optimally used for one or more of the Clients; (ii) they involve asset classes outside the investment mandates of one or more of the Clients; (iii) they are not subject to the same investment regulatory restrictions (e.g., the U.S. Employee Retirement Income Security Act of 1974, as amended ("ERISA")); (iv) they are hedged by taking smaller or larger exposures (as applicable) to certain style factors, sectors or other directional risks than that targeted by one or more of the Clients; and/or (v) they involve greater liquidity risk than that targeted by one or more of the Clients. The net result(s) could be that one or more Clients would not have access to certain strategies, models and/or investment techniques that produce

higher predicted rates of return, lower volatility or shorter trading horizons than those strategies, models and/or investment techniques utilized (in degree and/or manner) by such Clients.

As a general matter, investment Analytics involving shorter-term strategies, including those that may be labeled “High Frequency” in nature are not made available to the Adviser. Investment Analytics involving shorter-term strategies are utilized by entities managed by TSI or its other affiliates, including those that are currently beneficially owned substantially or entirely by proprietary capital and are not generally available for new investment by outside investors. As compared to the Clients, such entities generally (i) achieve higher returns on capital; (ii) exhibit higher Sharpe ratios; (iii) have higher trading costs; (iv) seek lower liquidity risk; and (v) have higher turnover.

In the future, TSI may, under the terms of its licensing arrangement with the Adviser, revoke any or all licenses granted to the Adviser.

The Adviser pays TSI a fee for the use of the licensed Analytics, however, such fee is borne by the Adviser and will not be borne directly or indirectly by Clients.

Allocation of Trades

As referenced above, the Adviser also licenses from TSI certain execution Analytics in order to direct the execution of certain Clients’ orders through TSI proprietary order and execution management systems. Due to its utilization of the licensed execution Analytics, the Adviser has reviewed and adopted the trade allocation and aggregation policies and procedures of TSI for application to such Clients.

Client order execution through the licensed execution Analytics is either fully automated or is completed with limited employee assistance. TSI also uses the licensed execution Analytics to direct the execution of certain of its clients’ orders. The Financial Instruments traded on behalf of each Client may involve substantial correlation with those traded on behalf of other Clients and on behalf of TSI’s clients. However, there can be no assurance that any Financial Instrument will be traded in the same way or at the same time on behalf of each entity. From the standpoint of each Client, simultaneous identical portfolio transactions for the Client and other Clients may tend to decrease the prices received, and increase the prices required to be paid, by the Client for its portfolio sales and purchases, as applicable.

When appropriate, these execution systems may, but are not required to, aggregate Client orders to attempt to achieve more efficient execution or to provide for equitable treatment among the Clients (which, for the purpose of this Item 6 shall include certain clients of the Adviser and of TSI).

In the event that Clients (including Clients owned primarily or entirely by proprietary capital) wish to purchase the same instrument concurrently through the same trading desk, the execution system licensed by the Adviser intends to allocate all filled orders and corresponding prices ratably based on desired trade amounts determined at the time the aggregated order was created. Notwithstanding the foregoing, an aggregated order may be allocated on a basis different from that specified above under certain circumstances. Examples of reasons for allocating orders on a different basis include, among other things, available cash, liquidity requirements, macro risk parameters set by the applicable portfolio manager, to avoid a misallocation of fills, legal and/or regulatory reasons (including a desire to avoid and/or minimize a regulatory filing, disclosure or other obligation) and/or to avoid odd lots. While the execution system has been programmed to

seek to not systematically advantage one Client over another, due to the volume of orders being placed and fills received it is possible that one of the Clients may be inadvertently advantaged over another during order placement and/or fill receipt. Such trades may be reversed or the allocations otherwise changed if they are deemed to be material. The execution systems are periodically reviewed and modified in an effort to minimize the occurrence of these events.

Further, because certain strategies used by certain Clients may have shorter trading horizon and/or use separate trading desks from similar strategies used by other Clients, it is expected that in many instances certain Clients will buy (or sell) Financial Instruments prior to certain other Clients buying (or selling) the same or similar Financial Instruments. In those instances where Clients use a separate trading desk, the Adviser's and TSI's trade allocation policy described above will not apply since that policy is only applicable to trades and investments that are made concurrently on the same desk. As a result, the prices paid by a Client and the amounts received by a Client may be adversely affected.

The use of separate execution modalities by certain rapid trading strategies utilized by TSI for its clients, particularly when existing investment management research is also being used by such strategies, may frequently impact, to varying degrees the price or amount of securities available to the Adviser's Clients if and to the extent that such research has been embedded in the Analytics licensed to the Adviser. Oftentimes, the use of these separate execution modalities in conjunction with investment management research used by TSI, and to the extent such research has been embedded in the Analytics licensed by TSI to the Adviser and used by the Adviser on behalf of the Adviser's Clients, may result in such strategies receiving fills before and after the Adviser's Clients, which could likely result in such strategies receiving executions at better prices and quantities than the Adviser's Clients. It should be noted that the trading volume attributable to the clients of TSI which utilize separate execution modalities make up a significant and growing portion of the TSI's trading volume and likely significantly surpasses the aggregate trading volume attributable to all of the Clients of the Adviser.

In addition to the above, the introduction of any new strategy, capability or execution method, either by TSI, one of its affiliates or by another market participant, will likely impact existing strategies, capabilities and execution methods being used by TSI and, if licensed by TSI to the Adviser, by the Adviser.

The Adviser's trade allocation policy is designed to provide a fair allocation of purchases and sales of Financial Instruments among the various Clients, and to ensure compliance with appropriate regulatory requirements. However, because there will likely be overlap in the trading done on behalf of the Clients, it is likely that for a relatively small number of trades made on the shared trading desk, one Client may be inadvertently advantaged over another during order placement, fill receipt, stock borrow allocations and/or applications of reporting limits. It is also possible that such advantaged Client may be owned largely or solely by proprietary capital. While the Adviser will monitor, review and periodically modify its trade allocation system in an effort to minimize the occurrence of these events, it is highly likely that a *de minimis* number of preferential allocations will remain, and the Adviser will only act to reverse or otherwise change these allocations in the event they are deemed by the Adviser, in its sole discretion, to be material. Further, because certain strategies used by certain Clients may have a shorter trading horizon or may use certain separate execution modalities than similar strategies used by other Clients, it is likely that in many instances those Clients will buy (or sell) Financial Instruments prior to or after the other Clients buying (or selling) the same or similar Financial Instruments which may have a materially adverse impact on

the prices paid or received by a Client on its transactions. In such instance, the trade allocation policy described above will not apply since that policy is only applicable to trades and investments that are made concurrently on the same trading desk. Finally, the trade allocation policy described above contemplates the use of TSI's currently existing trading desks. TSI may for a variety of regulatory, operational or other reasons create other additional execution desks in the future and may decide to employ a different trade allocation policy.

Item 7. Types of Clients

The Adviser provides advisory services to private investment funds, commingled vehicles and funds of one, typically organized as Delaware limited partnerships, Delaware limited liability companies, Cayman Islands exempted corporations or other similar structures, and to separately managed accounts of pension and profit-sharing plans, U.S. and non-U.S. governmental plans, charitable organizations, endowments, partnerships, corporations, financial institutions and other business and similar entities.

Clients organized as private investment funds and commingled funds are set up as either stand-alone structures or as master-feeder structures wherein each feeder fund invests portions of its assets into a master fund, where such master fund, in certain limited circumstances, may be a commingled fund managed by TSI. The master fund then invests a significant majority (if not all) of its assets into certain investment trading vehicles managed by the Adviser. In addition, a number of the feeder and master funds may invest varying portions of their assets into a cash management vehicle managed by the Adviser. Further, certain stand-alone funds and master funds invest in commingled funds managed by TSI. The structure of any given Client is described in further detail in its applicable offering memorandum or investment management agreement.

With respect to Clients, initial and additional subscription minimums, if any, are disclosed in the applicable offering memorandum and/or investment management agreement referencing such Client.

Item 8. Methods of Analysis, Investment Strategies & Risk of Loss

Methods of Analysis and Investment Strategies. The Adviser utilizes a variety of methods and strategies to make investment decisions and recommendations. The Adviser primarily combines multiple hedged and leveraged investment strategies with proprietary risk management and execution techniques to make investment decisions for its Clients. The Adviser integrates information, computing power and human skill to attempt to systematically extract alpha.

The investment strategies that the Adviser employs include, but are not limited to, the following: statistically-based strategies; merger (or risk) arbitrage; closed-end fund/constituent arbitrage; fundamentally-driven strategies; event-driven strategies; spread-based and long/short strategies; volatility arbitrage and trading strategies; structured credit trading strategies; and contributor-based and sentiment-base strategies (i.e., strategies based on the Adviser's affiliate's proprietary alpha capture systems). The specific strategies utilized on behalf of any given Client are described in greater detail in such Client's offering memorandum.

The Adviser primarily uses quantitative mathematical models to implement its strategies. Such quantitative mathematical models rely on patterns inferred from historical prices and other financial data in evaluating prospective investments. These formulas and models are typically developed and implemented using high-powered computers that may generate buy or sell indications to assist the Adviser in the purchase and sale of securities and other Financial Instruments or alternatively may send buy or sell orders directly to brokers. The models used are often complex and rely on quantitative (and to a lesser extent, technical) analysis of large amounts of real-time and historic data with a view towards identifying pricing discrepancies, inefficiencies and/or anomalies.

In addition to the models described above, the Adviser also employs models that focus more on fundamental analysis and research conducted by analysts (rather than computer-based quantitative and technical analysis) and models that combine two or more types of analysis in varying degrees. Fundamental analysis and research explores, among other things, issuers, industries, current market and financial conditions and an understanding of the drivers of change within these areas. Such fundamental analysis and research is expected to be generated by substantial numbers of external investment professionals, market participants and/or other consultants to the Adviser and to be augmented from time to time by the Adviser. The Adviser may apply systematic mathematical formulas to such analysis and research, or, in the alternative, may use such analysis and research alone, without further quantitative analysis to assist in the Adviser's investment decision making process.

The Adviser may at times also employ certain non-systematic investment strategies in order to, among other things, manage certain risks or take advantage of perceived or predicted events or market conditions.

All of the investment methods and strategies used by the Adviser involve the risk of loss that Clients and investors in Clients should be prepared to bear.

Material Risks (Including Significant, or Unusual Risks) Relating to Investment Strategies.

Quantitative Strategies and Trading. Most quantitative models cannot fully match the complexity of the financial markets and therefore sudden unanticipated changes in underlying market conditions can significantly impact the performance of the Adviser. Further, as market dynamics shift over time, a previously highly successful model may become outdated – perhaps without the Adviser recognizing that fact before substantial losses are incurred. Moreover, there are likely to be an increasing number of market participants who rely on models that may be similar to those used by the Adviser, which may result in a substantial number of market participants taking the same action with respect to an investment and some of these market participants may be substantially larger than any given Client. Should one or more of these other market participants begin to divest themselves of one or more positions, a “crisis correlation”, independent of any fundamentals and similar to the crises that occurred in September 1998 and August 2007, could occur, thereby causing certain Clients to suffer material, or even total, losses.

Although the Adviser generally will attempt to deploy relative value strategies, this does not mean that the Clients will not be affected by adverse market conditions similar to those described above and/or others. There can be no assurances that the strategies pursued will be profitable, and various market conditions may be materially less favorable to certain strategies than others. Mispricings, even if correctly identified, may not be corrected by the market, at least within a time frame over which it is feasible for any given Client to maintain a position. In the event that the perceived mispricings underlying the Adviser’s relative value trading positions were to fail to converge toward, or were to diverge further from, relationships expected by the Adviser, Client accounts may incur a loss. Even pure arbitrage positions can result in significant losses if a Client does not maintain both sides of the position until expiration. Certain Clients utilize leverage and therefore could be forced to liquidate positions prematurely in order to meet margin or collateral calls, causing an otherwise “pure” arbitrage position to result in major losses.

Many of the trading strategies employed by the Adviser rely on patterns inferred from the historical series of prices and other financial data. Even if all the assumptions underlying the models were met exactly, the model can only make a prediction, not afford certainty. There can be no assurance that the future performance will match the prediction. Further, most statistical procedures cannot fully match the complexity of the financial markets and as such, results of their application are uncertain. In addition, changes in underlying market conditions can adversely affect the performance of a statistical model.

Reliance on Technology. The investment strategies utilized by the Adviser are fundamentally dependent on technology, including hardware, software and telecommunications systems. The data gathering, research, forecasting, portfolio construction, order execution, trade allocation, risk management, operational, back office and accounting systems, among others, utilized by the Adviser are all highly automated and computerized. Such automation and computerization is dependent upon an extensive amount of proprietary software, TSI licensed software and third-party hardware and software. Neither the Adviser nor TSI typically utilizes design documents or specifications when building their proprietary software. The proprietary software code thus typically serves as the only definitive documentation and specification for how such software should perform.

This proprietary software, TSI licensed software and third-party hardware and software are known to have errors, omissions, imperfections and malfunctions (collectively, “Coding Errors”). Coding Errors in third-party hardware and software are generally entirely outside of the control of the Adviser.

Both the Adviser and TSI, as applicable, seek to reduce the incidence and impact of Coding Errors through a certain degree of internal testing and real-time monitoring, and the use of independent safeguards in the overall portfolio management system and often, with respect to proprietary software and TSI licensed software, in the software code itself. Despite such testing, monitoring and independent safeguards, these Coding Errors will result in, among other things, the execution of unanticipated trades, the failure to execute anticipated trades, the failure to properly allocate trades, the failure to properly gather and organize available data, the failure to take certain hedging or risk reducing actions and/or the taking of actions which increase certain risk(s)—all of which may have materially negative effects on the Adviser’s Clients and/or their returns.

Coding Errors are often extremely difficult to detect, and, in the case of proprietary software and TSI licensed software, the difficulty of detecting Coding Errors may be exacerbated by the lack of design documents or specifications. Regardless of how difficult their detection appears in retrospect, some Coding Errors will go undetected for long periods of time and some will never be detected. The degradation or impact caused by these Coding Errors can compound over time. Finally, the Adviser will detect certain Coding Errors that it chooses, in its sole discretion, not to address or fix and the TSI licensed software will contain Coding Errors known to TSI that it chooses, in its sole discretion, not to address or fix. While neither the Adviser nor TSI will perform a materiality analysis on the vast majority of discovered Coding Errors in their respective software code, the Adviser believes that the testing and monitoring performed on its software and the TSI licensed software will enable the Adviser to identify and address those Coding Errors that a prudent person managing a process-driven, systematic and computerized investment program would identify and address by correcting the Coding Errors or limiting the use of the TSI licensed software, generally or in a particular application. Investors in the Clients should assume that Coding Errors and their ensuing risks and impact are an inherent part of investing with a process-driven, systematic investment manager such as the Adviser. Accordingly, the Adviser does not expect to disclose discovered Coding Errors to the Clients or their investors.

The Adviser and TSI seek, on an ongoing basis, to create adequate backups of software and hardware where possible but there is no guarantee that such efforts will be successful.

Further, to the extent that an unforeseeable software or hardware malfunction or problem is caused by a defect, security breach, virus or other outside force, the Clients may be materially adversely affected.

Reliance on Data. The investment strategies employed by the Adviser are highly reliant on the gathering, cleaning, culling and analysis of large amounts of data from third-party and other external sources. It is not possible or practicable, however, to factor all relevant, available data into forecasts and/or trading decisions. The Adviser and/or TSI, as applicable, will use its discretion to determine what data to gather with respect to any investment strategy and what subset of that data the research models take into account to produce forecasts which may have an impact on ultimate trading decisions. In addition, due to the automated nature of such data gathering and the fact that much of this data comes from third-party sources, it is inevitable that not all desired and/or relevant data will be available to, or processed by, the Adviser and/or TSI, as applicable, at all times. In

such cases, the Adviser may, and often will, continue to generate forecasts and make trading decisions based on the data available to it. Additionally, the Adviser and/or TSI, as applicable, may determine that certain available data, while potentially useful in generating forecasts and/or making trade decisions, is not cost effective to gather due to either the technology costs or third-party vendor costs and, in such cases, the Adviser will not utilize such data. Investors in the Clients should be aware that, for all of the foregoing reasons and more, there is no guarantee that any specific data or type of data will be utilized in generating forecasts or making trading decisions on behalf of the Clients, nor is there any guarantee that the data actually utilized in generating forecasts or making trading decisions on behalf of the Clients will be (i) the most accurate data available or (ii) free of errors. Investors in the Clients should assume that the foregoing limitation and risks associated with gathering, cleaning, culling and analysis of large amounts of data from third-party and other external sources are an inherent part of investing with a process-driven, systematic adviser such as the Adviser.

Reliance on TSI. The Adviser has licensed from TSI certain investment and execution analytics made available to the Adviser and other derived data to provide advisory services to Clients. The Analytics are comprised of quantitative models, optimizers and other order management and execution management systems used to exercise investment and brokerage discretion for Clients. The Adviser's license permits the Adviser to modify various programmable settings in certain of the Analytics. The Adviser exercises its delegated authority from Clients by adjusting or modifying the various programmable settings of the licensed Analytics to accommodate each Client's investment objectives and strategies.

TSI also provides various services to the Adviser pursuant to a services contract (the "Services Contract") including, but not limited to, administrative, technical and clerical services, access to technology equipment and office facilities, maintenance and support services, and other related and miscellaneous services. The Adviser pays TSI a fee for the provision of these services; however, such fee is borne by the Adviser and not directly or indirectly by the Clients. All employees of the Adviser also have a separate and direct employment relationship with TSI.

Because of the above, the Adviser's performance is materially dependent on TSI and the talents and efforts of individuals employed by TSI. TSI is not a fiduciary to the Adviser or to any Clients (accept to the extent that such Client invests directly in a commingled vehicle managed by TSI). The success of the Adviser and, therefore, its Clients is largely dependent upon TSI to (i) continue to develop and license to the Adviser investment strategies necessary for the Adviser to achieve the Client's investment objectives; and (ii) continue to provide services to the Adviser. If TSI ceases to do so, or to do so effectively, the Adviser and the Clients will be adversely affected. The Adviser has no control over TSI and TSI may make decisions without regard to, knowledge or consideration of, the business objectives of the Adviser or the investment objective of any of the Clients. TSI has complete discretion regarding which of its Analytics (including proprietary strategies and/or models and including newly developed Analytics that may meet the investment objectives of one or more Clients) it elects to license to (and correspondingly withhold from) the Adviser. In addition, TSI may, under the terms of its licensing arrangement with the Adviser, revoke any or all licenses granted to the Adviser. There can be no assurances that TSI will continue to make decisions that will be beneficial to the Adviser or its Clients and Clients should be aware that they will not have any recourse to TSI with respect to any such decisions made by TSI.

Leverage Risk. The Adviser employs leverage on behalf of certain Clients. Such leverage may be achieved by borrowing funds from U.S. and non-U.S. brokers, banks, dealers and other lenders, purchasing or selling Financial Instruments on margin or with collateral and using options, trading futures, forward contracts, swaps and various other forms of derivatives and other instruments which have substantial embedded leverage.

If such Clients can no longer utilize margin or post collateral under such lending arrangements, such Clients could be required to liquidate a significant portion of its portfolio, and trading may be constrained, adversely affecting such Clients' performance.

The use of margin, short-term borrowing and collateral requirements creates additional risks to such Clients. Specifically, if the value of such a Client's portfolio fell below the margin or collateral level required by a prime broker or dealer, the prime broker or dealer would require additional margin deposits or collateral amounts. If such Client were unable to satisfy such a margin or collateral call by a prime broker or dealer, the prime broker or dealer could liquidate the Client's positions in the Client's account with the prime broker or for which the dealer is the counterparty and cause the Client to incur significant losses. The failure to satisfy a margin or collateral call, or the occurrence of other material defaults under margin, collateral or other financing agreements, could trigger cross-defaults under such a Client's agreements with other brokers, dealers, lenders, clearing firms or other counterparties, multiplying the adverse impact to such Client. In addition, because the use of leverage will allow such a Client control of or exposure to positions worth significantly more than the margin or collateral posted for such positions, the amount that such a Client may lose in the event of adverse price movements will be high in relation to the amount of this margin or collateral amount, and could exceed the value of the assets of such a Client. Trading of futures, forward contracts, equity swaps and other derivatives, for example, generally involves little or no margin deposit or collateral requirement and, therefore, provides substantial leverage. Accordingly, relatively small price movements in these financial instruments (and others) may result in immediate and substantial losses to such a Client.

The banks and dealers that provide financing to such Clients can apply essentially discretionary margin, haircut, financing and collateral valuation policies. Changes by banks and dealers in any of the foregoing may result in large margin calls, loss of financing and forced liquidations of positions at disadvantageous prices. There can be no assurance that such Clients will be able to secure or maintain adequate financing.

Hedging Risk. The Adviser may employ hedging for certain Clients by taking long and short positions in related Financial Instruments. Hedging against a decline in the value of a portfolio position does not eliminate fluctuations in the values of such portfolio positions or prevent losses if the values of such positions decline, but establishes other positions designed to gain from those same developments, thus seeking to moderate the decline in the portfolio position's value. Such hedging transactions also limit the opportunity for gain if the value of the portfolio position should increase. In the event of an imperfect correlation between a position in a hedging instrument and the portfolio position that it is intended to protect, the desired protection may not be obtained, and a Client may be exposed to risk of loss. In addition, it is not possible to hedge fully or perfectly against any risk, and hedging entails its own costs. Positions which would typically serve as hedges may actually move in the same direction as the Financial Instruments they were initially attempting to hedge, adding further risk (and losses) to the Client.

Commodities. Commodity investments are affected by business, financial market or legal uncertainties. There can be no assurance that the Adviser will correctly evaluate the nature and magnitude of the various factors that could affect the value of and return on its commodity investments. Prices of commodity investments may be volatile, and a variety of factors that are inherently difficult to predict, such as domestic or international economic and political developments, may significantly affect the results of the Adviser's portfolio and the value of its investments. In addition, the value of the Adviser's portfolio may fluctuate as the general level of interest rates fluctuates.

Short Selling Risk. A Client's investment program may include a significant amount of short selling. Short selling transactions expose the Adviser to the risk of loss in an amount greater than the initial investment, and such losses can increase rapidly and without effective limit. There is the risk that the securities borrowed by the Adviser in connection with a short sale would need to be returned to the securities lender on short notice. If such request for return of securities occurs at a time when other short sellers of the subject security are receiving similar requests, a "short squeeze" can occur, wherein the Adviser might be compelled, at the most disadvantageous time, to replace the borrowed securities previously sold short with purchases on the open market, possibly at prices significantly in excess of the proceeds received earlier.

Frequent Trading. The Adviser's primary strategies involve frequent trading of securities which results in significantly higher commissions and charges to Client accounts due to increased brokerage, which will offset Client profits.

Merger Arbitrage/Deal Risk. The most significant risk in merger arbitrage is that a transaction will be abandoned such that the value of securities purchased may fall, resulting in loss of capital. This loss may be increased if the price of the shorted security (*i.e.*, the acquiring company) rises as the deal is called off. Abandonment may occur for a number of reasons, including (i) regulatory or antitrust prohibitions, delays or restrictive conditions for approval of the merger; (ii) problems arising out of due diligence review; (iii) incompatibility of the managements of the two parties; (iv) incompatibility of strategies; or (v) a movement outside of the required price range in "collar" transactions. When a deal is not abandoned, there may still be a risk of price renegotiation or a timing delay.

Event Driven Strategies Risk. A Client may have investments in companies involved in (or the target of) acquisition attempts or tender offers or companies involved in work-outs, liquidations, spin-offs, reorganizations, bankruptcies and similar transactions. In any investment opportunity involving any such type of business enterprise, there exists the risk that the transaction in which such business enterprise is involved either will be unsuccessful, will take considerable time or will result in a distribution of cash or a new security the value of which will be less than the purchase price to a Client of the security or other financial instrument in respect of which such distribution is received. Similarly, if an anticipated transaction does not in fact occur, a Client may be required to sell its investment at a loss. Because there is substantial uncertainty concerning the outcome of transactions involving financially troubled companies in which a Client may invest, there is a potential risk of loss by a Client of its entire investment in such companies. In connection with such transactions (or otherwise), a Client may purchase securities on a when-issued basis, which means that delivery and payment take place sometime after the date of the commitment to purchase and is often conditioned upon the occurrence of a subsequent event, such as approval and consummation of a merger, reorganization or debt restructuring. The purchase price and/or interest

rate receivable with respect to a when-issued security are fixed when a Client enters into the commitment. Such securities are subject to changes in market value prior to their delivery.

Risks Associated With Types of Securities that are Primarily Recommended (including Significant, or Unusual Risks).

Equity Securities. The value of equity securities fluctuates in response to issuer, political, market, and economic developments. Fluctuations can be dramatic over the short as well as long term, and different parts of the market and different types of equity securities can react differently to these developments. For example, large cap stocks can react differently from small cap stocks, and "growth" stocks can react differently from "value" stocks. Issuer, political, or economic developments can affect a single issuer, issuers within an industry or economic sector or geographic region, or the market as a whole. Changes in the financial condition of a single issuer can impact the market as a whole. Terrorism and related geo-political risks have led, and may in the future lead, to increased short-term market volatility and may have adverse long-term effects on world economies and markets generally.

Rights and Warrants. Rights and warrants entitle the holder to buy equity securities at a specific price for a specific period of time. Rights and warrants may be considered more speculative than certain other types of investments in that they do not entitle a holder to dividends or voting rights with respect to the underlying securities that may be purchased nor do they represent any rights in the assets of the issuing company. Also, the value of a right or warrant does not necessarily change with the value of the underlying securities and a right or warrant ceases to have value if it is not exercised prior to the expiration date.

Exchange-Traded Funds ("ETFs"). ETFs may be registered investment companies. Investments in an ETF are subject to the fees and expenses of the ETF, which may include a management fee, other fund expenses and a distribution fee. The Investment Company Act places certain restrictions on the percentage of ownership that a private investment fund may have in a registered investment company. An ETF may be delisted and liquidated at the discretion of its issuer. Should an entity hold a position in an ETF when it is delisted, such entity may be subject to costs associated with the ETF's liquidation, counterparty risk against the issuer, and additional taxes due to cash distributions from the liquidation. The supply and demand of ETF shares are kept in balance by its authorized participants. The authorized participants of an ETF may, purposefully or by mistake, destabilize the supply-demand balance of an ETF, causing tracking error of the ETF to its constituent instruments that may negatively affect the value of an entity's position in the ETF. The liquidity of an ETF is determined not only by the ETF's own market liquidity but how easy or difficult it is to transact in the ETF's constituent instruments. If one or more of an ETF's constituent instruments becomes difficult to buy or sell, the ETF may become difficult to transact or experience tracking error that negatively affects the value of position held in the ETF. The ability to take short positions in an ETF is subject to borrow availability. The ability to take optimal positions in ETFs may be adversely affected by one or more ETFs becoming hard to borrow. ETFs on equity indices attempt to track their underlying indices closely. However, the issuer may in its discretion temporarily introduce ex-index constituents to the ETF, including ex-index equities and foreign currencies. This may introduce risks and tracking error that are difficult to model to the ETF and that may negatively affect the value of positions in the ETF. Depending on the ETF's structure, investors may be subject to additional taxation on distributions from ETFs. These ETFs listed in countries different from their constituent instruments are subject to additional

risks not typically associated with ETFs listed in the same country as their constituents, including (i) movements in currency exchange rates; (ii) significant events that affect the ETF's underlying value that occur when the ETF's listed exchange is closed; and (iii) risk factors that arise from trading in foreign instruments.

Options and Derivatives. A Client may engage in trading in options on individual securities, securities sectors, securities indices, futures contracts or foreign exchange contracts. Trading in options can result in a greater potential for profit or loss than trading in the underlying instruments. The value of an option may change because of a change in the value of the underlying instruments, the passage of time, changes in the market's perception as to the future price behavior of the underlying instruments or any combination of the foregoing and/or other factors. Additionally, Clients may purchase and sell exchange-traded options or privately negotiated OTC options. There can be no guarantee that there will at all times be a liquid market for these options. If an options market were to become illiquid or otherwise unavailable, an option holder would be able to realize profits or limit losses only by exercising the option and an options seller or writer would remain obligated until the option is exercised or expires.

Futures. A Client may engage in regulated futures transactions, for independent profit opportunities or hedging of existing long or short positions. Trading in futures involves significant risks, including, but not limited to: (i) price volatility; (ii) highly leveraged trading; and (iii) possible illiquidity. Clients may sustain a total loss of the initial margin and any maintenance margin that it posts to a broker to establish or maintain a position in the futures market. If the market moves against a Client's position, such Client may be called upon to post a substantial amount of additional margin, on short notice, in order to maintain its position. If a Client does not provide the required margin within the prescribed time, its position may be liquidated at a loss, and a Client will be liable for any resulting deficit in its account. Under certain market conditions, a Client may find it difficult or impossible to liquidate a position. The use of leverage can lead to large losses. Non-U.S. futures markets may have greater risk than U.S. futures markets. Unlike trading on U.S. commodity exchanges, trading on non-U.S. commodity exchanges is not regulated by the Commodity Futures Trading Commission (the "CFTC") and may be subject to greater risks than trading on domestic exchanges.

An option on a futures contract is a right or an obligation to either buy or sell the underlying futures contract at a specific price. The risks of trading options on futures are similar to the risks of trading securities options. See "Options and Derivatives" above. In addition, if the purchaser of an option on a futures contract exercises the option, the holder will, in effect, be buying or selling the underlying futures contract, and will then be subject to the same risks as are attendant to futures trading.

Foreign Instruments. Trading in non-U.S. instruments and derivatives on non-U.S. instruments may involve risks and considerations not present in the trading of U.S. instruments and derivatives. Since non-U.S. instruments generally are denominated, pay interest and are settled in non-U.S. currencies, the value of the assets of a Client as measured in U.S. Dollars may be affected favorably or unfavorably by changes in the exchange rate between the U.S. Dollar and other currencies. The weakening of a country's currency relative to the U.S. Dollar will affect, potentially adversely, the U.S. Dollar value of a Client's investments that are denominated in such country's currency. As a result, a Client could realize a net loss on an investment, even if there were a gain on the underlying investment before currency losses were taken into account. Currency exchange rates can be affected unpredictably by controls or restrictions imposed by U.S. or non-U.S. central banks or

other governmental agencies in joint or unilateral efforts to alter exchange rate trends. Political developments in the United States or abroad may also affect currency exchange rates. To the extent a Client trades instruments denominated in non-U.S. currencies, it may be adversely affected by restrictions on the conversion or transfer of non-U.S. currencies. The Adviser may (but may not necessarily) seek to hedge these risks by trading currencies, currency futures contracts, forward currency contracts, swaps, or any combination thereof (whether or not exchange traded), but there can be no assurance that such strategies will be effective. As a result, a default on the instrument may deprive a Client of unrealized profits and/or collateral held by the counterparty or may force a Client to cover its commitments for purchase or resale of the underlying currency at the then current market price.

In addition, there may be less publicly available information about foreign economies and foreign companies than the U.S. economy and U.S. companies. Non-U.S. companies may not be subject to accounting, auditing and financial reporting standards, practices and requirements comparable to those applicable to U.S. companies. Many non-U.S. securities markets have substantially less volume than U.S. securities markets and, therefore, securities of non-U.S. companies are generally less liquid and at times their prices may be more volatile than securities of comparable U.S. companies. In addition, in many non-U.S. markets there is less government supervision of exchanges, brokers, dealers and issuers than in the United States. Although a Client typically would trade instruments (and derivatives thereon) of or related to companies and governments in countries that the Adviser believes to have stable political environments, there is a possibility of expropriation or confiscatory taxation, seizure or nationalization of non-U.S. bank deposits, establishment of exchange controls, the adoption of non-U.S. government restrictions or other adverse political, social or diplomatic developments that could adversely affect any such investment. Some of the instruments may be subject to taxes levied by non-U.S. governments, which have the effect of increasing the cost of such trading and reducing the realized gain or increasing the realized loss on such securities at the time of sale. Income from non-U.S. instruments held by a Client may be reduced by a withholding tax at the source. Tax conventions between certain countries and the United States, however, may reduce or eliminate such taxes, and some or all of such taxes may be creditable against the U.S. federal income tax liability of investors which are U.S. taxpayers but may be eliminated or changed at any time.

Forward Contracts. Trading in forward contracts involves significant risks. Forward contracts are not traded on exchanges; rather, banks and dealers act as principals in these markets. A Client, in trading forward contracts, will therefore be subject to the risk of credit failure or the inability of or refusal of forward contract dealers to perform with respect to its forward contracts. There is no limitation on the daily price movements of forward contracts, and a dealer is not required to continue to make markets in such contracts. There have been periods during which forward contract dealers have refused to quote prices for forward contracts or have quoted prices with an unusually wide spread between the bid and ask price. Forward contract trading may therefore be or become highly illiquid.

Foreign Exchange Contracts. A Client may enter into foreign currency spot trades, forward contracts and/or other derivatives thereon for speculative, hedging or other investment purposes. Foreign currency spot trades, forward contracts and other derivatives involve a risk of loss if currency exchange rates move against a Client, unless such derivatives are hedges of foreign currency risk of a Client in its investments. In addition, forward contracts and certain currency derivatives are not guaranteed by an exchange or clearinghouse. Therefore, a default by the forward contract, or derivative counterparty may result in a loss to a Client for the value of

unrealized profits on the contract or derivative or for the difference between the value of its commitments, if any, for purchase or sale at the current currency exchange rate and the value of those commitments at the forward contract exchange rate.

It is contemplated that most foreign currency forward contracts will be with banks, including among others, investment banks and brokerage firms. There are no limitations on daily price moves of spot trades, forward contracts or many derivatives. Banks, including investment banks and brokerage firms, are not required to continue to make markets in currencies. There have been periods during which certain banks, including investment banks, and certain brokerage firms have refused to continue to quote prices for forward contracts or derivatives or have quoted prices with an unusually wide spread. The imposition of credit controls by governmental authorities might limit the level of such forward trading to less than that which the Adviser would otherwise recommend, to the possible detriment of a Client. Clients may be subject to the risk of bank or brokerage firm failure or the inability of or refusal by a bank or a brokerage firm to perform with respect to such contracts.

Non-Deliverable FX Forwards. Non-Deliverable FX Forwards (“NDFs”) are subject to the risks of loss associated with standard foreign exchange transactions. In addition, NDFs are subject to the risk that an event would force the parties to the transaction to find an alternative basis for determining settlement amounts such as, among other things, a general or specific default, inconvertibility, non-transferability or nationalization of one of the underlying currencies in the NDF. If on any date upon which an NDF transaction is to be valued such an event has occurred or is continuing, the settlement amount to be delivered may be adjusted by the clearing broker or its counterparty, acting in a reasonable manner. Such adjustments will result in changes to the prices at which such transactions were effected and such changes could be material. The fixation of a trade at a settlement price, the determination of whether such a disruption has occurred and the settlement amount associated therewith are beyond the control of the Adviser and the relevant Client.

Emerging Market Fixed Income Securities and Futures. A Client may also trade emerging market fixed income securities and futures, including short-term and long-term futures denominated in various currencies. In addition to the risks related to investments in emerging markets generally and in emerging market equity securities and futures as outlined above, emerging market debt futures are subject to greater risk of loss due to high volatility. Additionally, evaluating credit risk for non-U.S. fixed income securities and futures involves great uncertainty because credit rating agencies throughout the world have different standards, making comparisons across countries difficult. Because investors generally perceive that there are greater risks associated with such emerging market instruments, the yields or prices of such fixed income securities and futures may tend to fluctuate more than those for higher-rated fixed income securities or futures. The market for emerging market interest rate futures may be thinner and less active than that for developed market futures, which can adversely affect the prices at which futures are sold. In addition, adverse publicity and investor perceptions about emerging market interest rate futures may be a contributing factor to a decrease in the value and liquidity of such futures.

Fixed Income and Related Instruments. A Client may be subject to interest rate risk in connection with its positions in futures contracts on interest rates, sovereign notes and bonds and futures contracts on sovereign notes and bonds, options on such futures contracts and interest rate swaps. Generally, the value of fixed income instruments will change inversely with changes in interest rates. As interest rates rise, the market value of such instruments tends to decrease. Conversely, as interest rates fall, the market value of such instruments tends to increase. This risk will typically be greater for instruments based on longer-term interest rates than for instruments based on shorter-term interest rates.

Sovereign Notes and Bonds and Related Derivatives. A Client may trade in U.S. Government securities and in derivatives upon these instruments. Generally, these securities include U.S. Treasury obligations and obligations issued or guaranteed by U.S. Government agencies, instrumentalities or sponsored enterprises. U.S. Government securities also include Treasury receipts and other stripped U.S. Government securities, when the interest and principal components of stripped U.S. Government securities are traded independently. These securities are subject to market and interest rate risk. A Client may also trade in domestic or foreign government-issued inflation-protected securities (e.g., Treasury Inflation-Protected Securities (“TIPS”), Inflation Linked Gilts (“ILG”), etc.) and in futures, swaps and other derivatives on these securities and/or other inflation related underlyings.

A Client may also trade foreign or U.S. sovereign notes and bonds which may be unrated by a recognized credit-rating agency or below investment grade and which are subject to greater risk of loss of principal and interest than higher-rated debt securities. A Client may trade foreign or U.S. debt securities which rank junior to other outstanding securities and obligations of the issuer, all or a significant portion of which may be secured on substantially all of that issuer's assets.

A Client may trade foreign or U.S. sovereign notes and bonds which are not protected by financial covenants or limitations on additional indebtedness. A Client may trade distressed sovereign notes and bonds which are subject to the significant risk of the issuer's inability to meet principal and interest payments on the obligations (credit risk) and may also be subject to price volatility due to such factors as interest rate sensitivity, market perception of the creditworthiness of the issuer and general market liquidity risk. A Client may therefore be subject to credit, liquidity and interest rate risks. In addition, evaluating credit risk for foreign or U.S. sovereign notes and bonds involves uncertainty because credit rating agencies throughout the world have different standards, making comparison across countries difficult. Also, the market for credit spreads is often inefficient and illiquid, which can make it difficult to accurately calculate discounting spreads for valuing Financial Instruments.

Repurchase Agreements or Reverse Repurchase Agreements. Under a repurchase agreement, a Client sells a security to a counterparty and simultaneously agrees to repurchase the security back from the counterparty at an agreed upon price and date, with the difference between the sale price and the repurchase price establishing the cost of the transaction to a Client. Repurchase agreements essentially constitute a form of borrowing secured by collateral in the form of securities and will have the effect of leveraging a Client's assets. These agreements may be entered into on an overnight, specified term or open-ended basis.

A Client may also enter into reverse repurchase agreements, whereby a Client purchases a security from a counterparty and simultaneously agrees to resell the security back to the counterparty at an agreed upon price and date, with the difference between the purchase price and the resale price

establishing a Client's return. If the seller of securities under a reverse repurchase agreement defaults on its obligation to repurchase the underlying securities, as a result of its bankruptcy or otherwise, a Client will seek to dispose of such securities, which action could involve costs or delays. If the seller becomes insolvent and subject to liquidation or reorganization under applicable bankruptcy or other laws, a Client's ability to dispose of the underlying securities may be restricted. If the seller fails to repurchase the securities, a Client may suffer a loss to the extent proceeds from the sale of the underlying securities are less than the repurchase price.

Additionally, certain types of bank obligations which may be acquired by a Client may not be covered by insurance from the U.S. Federal Deposit Insurance Corporation or the U.S. Federal Savings and Loan Insurance Corporation.

Credit Derivative Contracts. A Client may engage in trading of credit derivative contracts, which are contracts that transfer price, spread and/or default risks of debt and other instruments from one party to another, both for bona fide hedging of existing long and short positions, but also for independent profit opportunities. Such instruments may include one or more credits. The market for credit derivatives may be relatively illiquid, and there are considerable risks that may make it difficult either to buy or sell the contracts as needed or at reasonable prices. There are also risks in determining whether an event will trigger payment under the contract and whether such payment will offset the loss or payment due under another instrument. The occurrence of a credit event is generally the occurrence of bankruptcy, failure to pay, the acceleration of an obligation or modified restructuring of a credit obligation or instrument.

A Client may be either the buyer or seller in these transactions. If a Client is a buyer of credit protection and no credit event occurs, a Client may recover nothing. Worse still, if a credit event occurs, a Client, as a buyer, typically will receive full notional value for a reference obligation that may have little or no value. Buyers of credit derivatives carry the risk of non-performance by the seller due to an inability to pay.

As a seller of credit protection, a Client would typically receive a fixed rate of income throughout the term of the contract, which typically is between one month and five years, *provided* that no credit event occurs. If a credit event occurs, the seller may pay the buyer the full notional value of the reference obligations. Sellers of credit derivatives carry the inherent price, spread and default risks of the underlying instruments.

Credit default swaps involve greater risks than if a Client had invested in the reference obligation directly. In addition to general market risks, credit default swaps are subject to liquidity risk and credit risk. A buyer of credit protection also may lose its investment and recover nothing should no credit event occur. If a credit event were to occur, the value of the reference obligation received by the seller, coupled with the periodic payments previously received, may be less than the full notional value it pays to the buyer, resulting in a loss of value to a Client. Further, in certain circumstances, the buyer can receive the notional value of a credit default swap only by delivering a physical security to the seller, and is at risk if such deliverable security is unavailable or illiquid. Such a delivery "crunch" is a distinct risk of these investments.

Illiquidity and Credit Risk of Derivative Instruments. A Client may enter into transactions involving privately negotiated, OTC derivative instruments, including among others, derivatives on interest rates, commodities, bonds, volatility, energy, foreign currencies, equity and indices of any and all of these underlying instruments. Such transactions may include derivatives on derivatives

of any or all of these underlying instruments as well. There can be no assurance that a liquid secondary market will exist for any particular derivative instrument at any particular time. Although OTC derivative instruments are designed to meet particular financing needs and, therefore, typically provide more flexibility than exchange-traded products, the risk of illiquidity is also greater as these instruments can generally be closed out only by negotiation with the other party to the instrument. OTC derivative instruments, unlike exchange-traded instruments, are not guaranteed by an exchange or clearinghouse and thus are generally subject to greater credit risks and the possibility of non-performance by the counter party.

Distressed Securities. A Client may invest in “distressed securities” securities, private claims and obligations of domestic and foreign entities which are experiencing significant financial or business difficulties. Investments may include loans, commercial paper, loan participations, trade claims held by trade or other creditors, stocks, partnership interests and similar financial instruments, executory contracts and options or participations therein that are not publicly traded. Distressed securities may result in significant returns to a Client, but also involve a substantial degree of risk. A Client may lose a substantial portion or all of its investment in a distressed environment or may be required to accept cash or securities with a value less than a Client’s investment. Among the risks inherent in investments in entities experiencing significant financial or business difficulties is the fact that it frequently may be difficult to obtain information as to the true condition of such issuers. Such investments also may be adversely affected by state and federal laws relating to, among other things, fraudulent conveyances, voidable preferences, lender liability and the bankruptcy court’s discretionary power to disallow, subordinate or disenfranchise particular claims. The market prices of such instruments are also subject to abrupt and erratic market movements and above average price volatility and the spread between the bid and asked prices of such instruments may be greater than normally expected. In trading distressed securities, litigation is sometimes required, which can be expensive and can frequently lead to unpredicted delays or losses.

High-Yield Securities. A Client may make investments in “high-yield” bonds and preferred securities that are not investment grade. Securities in the lower rating categories are subject to greater risk of loss, as to timely repayment of principal and timely payment of interest or dividends than higher-rated securities. They are also generally considered to be subject to greater risk than securities with higher ratings in the case of deterioration of general economic conditions. The yields and prices of lower-rated securities may tend to fluctuate more than those for higher-rated securities. High-yield securities that are rated BB or lower by S&P or Ba or lower by Moody’s (or equivalent ratings by other firms) are often referred to in the financial press as “junk bonds” and may include securities of issuers in default. “Junk bonds” are considered by the ratings agencies to be predominantly speculative and may involve major risk exposures such as: (i) vulnerability to economic downturns and changes in interest rates; (ii) sensitivity to adverse economic changes and corporate developments; (iii) redemption or call provisions which may be exercised at inopportune times; and (iv) difficulty in accurately valuing or disposing of such securities.

Loan Participations. A Client may invest in corporate secured loans acquired through assignment or participations. In purchasing participations, a Client will usually have a contractual relationship only with the selling institution, and not the borrower. A Client generally will have no right directly to enforce compliance by the borrower with the terms of the loan agreement, nor any rights of set-off against the borrower, nor will it have the right to object to certain changes to the loan agreement agreed to by the selling institution. A Client may not directly benefit from the collateral supporting the related secured loan and may not be subject to any rights of set-off the borrower has against the selling institution. In addition, in the event of the insolvency of the selling institution, under the laws of the United States and the states thereof a Client may be treated as a general creditor of such selling institution, and may not have any exclusive or senior claim with respect to the selling institution's interest in, or the collateral with respect to, the secured loan. Consequently, a Client may be subject to the credit risk of the selling institution as well as of the borrower. Certain of the secured loans or loan participations may be governed by the law of a non-U.S. jurisdiction, which may present additional risks with regard to the characterization under such laws of such participation in the event of the insolvency of the selling institution or the borrower.

Item 9. Disciplinary Information

This Item is not applicable.

Item 10. Other Financial Industry Activities & Affiliations

The Adviser is registered as a commodity pool operator with the U.S. Commodity Futures Trading Commission (“CFTC”), under the U.S. Commodity Exchange Act, as amended (the “Commodity Exchange Act”). TSI is also registered as a commodity pool operator with the CFTC, under the Commodity Exchange Act.

The Adviser and certain of its related persons are affiliated with and/or own an interest in Two Sigma Securities, LLC (“TSS”), a broker-dealer registered with the SEC and a member of FINRA. TSS is a member of the BATS Y-Exchange, BATS Z-Exchange, EDGA Exchange, EDGX Exchange, NASDAQ OMX, NASDAQ OMX BX, NASDAQ OMX PHLX, NYSE Arca, NYSE, NYSE MKT, National Stock Exchange and the Chicago Mercantile Exchange. TSS is an “introducing broker-dealer” that does not custody customer (or Client) assets or clear or settle trades. TSS does not presently execute trades or custody assets for Clients.

In addition, the Adviser is affiliated with and certain of its related persons own an interest in TSI, a Delaware limited liability company. TSI is an investment adviser that is registered with the SEC and that manages non-proprietary and proprietary private investment funds.

In order to provide advisory services to Clients, the Adviser licenses the Analytics from TSI. The Analytics are comprised of quantitative models, optimizers and other order management and execution management systems used to exercise investment and brokerage discretion for clients. While the license permits the Adviser to modify various programmable settings in certain of the Analytics in order to accommodate each Client’s investment strategies, TSI has the sole discretion to select the models and execution systems that it licenses to the Adviser and to revoke the license of any model or execution system. The Adviser has the ability to determine the weightings assigned to models, to determine, within certain limits, the frequency at which an optimizer generates target portfolio positions, and to set different risk and strategy limitation settings in an optimizer. The Adviser pays TSI a fee for this license, however, such fee is borne by the Adviser and not directly or indirectly by the Clients.

TSI also provides various services to the Adviser pursuant to a Services Contract (the “Services Contract”) including, but not limited to, administrative, technical and clerical services, access to technology equipment and office facilities, maintenance and support services, and other related and miscellaneous services. The Adviser pays TSI a fee for the provision of these services, however, such fee is borne by the Adviser and not directly or indirectly by the Clients.

All employees of the Adviser also have a separate and direct employment relationship with TSI.

In addition to the licensing and services arrangement that the Adviser has with TSI, the Adviser, pursuant to the investment mandates of certain Clients, currently directs such Clients to invest all

or substantially of such Client's assets in certain clients of TSI, and TSI ultimately directs one or more of its clients to invest in entities advised by the Adviser.

Finally, the Adviser and certain of its related persons are affiliated with and/or own interests in Principals which, as the general partner or allocation shareholder of various Clients and clients of TSI, is entitled to receive performance-based compensation as discussed in Item 5 hereof and similar performance-based compensation from the clients of TSI.

Item 11. Code of Ethics, Participation or Interest in Client Transactions & Personal Trading

The Adviser has adopted a Code of Ethics (the “Code”) that obligates the Adviser and its supervised persons to put the interests of the Clients before their own interests and to act honestly and fairly in all respects in their dealings with Clients. All of the Adviser’s personnel are also required to comply with applicable federal securities laws. The Adviser will supply a complete copy of its Code to any Client or prospective Client or any investor or prospective investor in a Client who requests a copy of the Code by contacting Matthew B. Siano, Esq., Managing Director, General Counsel, by email at matt.siano@twosigma.com or by telephone at 212-625-5700 or Douglas H. Shulman, Esq., Senior Vice President, Chief Compliance Officer, by email at douglas.shulman@twosigma.com or by telephone at 212-625-5700.

The Adviser and its related persons may effect transactions for their own accounts in the same securities or other Financial Instruments purchased and sold for Clients.

To ensure trading by the Adviser’s supervised persons is conducted (i) in a matter that does not adversely affect the Adviser’s trading on behalf of the Clients and (ii) in a manner that is consistent with the fiduciary duties owed by the Adviser to the Clients, the Adviser has adopted the Code and attendant policies and procedures governing Financial Instrument transactions by the Adviser’s supervised persons and other “covered persons” (as defined in the Code). The Code contains provisions designed to (i) prevent improper personal trading by the Adviser’s supervised persons and other covered persons; (ii) identify actual or potential conflicts of interest; and (iii) provide guidance in resolving any actual or potential conflicts of which the Adviser is aware of in favor of the Clients. The Code attempts to accomplish these objectives by, among other things (i) requiring pre-clearance of personal trades in “reportable securities” (as defined in the Code) by the Adviser’s supervised persons and other covered persons; (ii) restricting the number of such trades by the Adviser’s supervised persons and other covered persons in a given month; (iii) prohibiting certain trading by the Adviser’s supervised persons and other covered persons in securities of issuers listed on the Adviser’s and TSI’s “restricted list” (as that term is defined in the Code) and, for certain covered persons, “restricted lists” of certain Clients of the Adviser or TSI; and (iv) requiring certain minimum holding periods.

The Code contains policies and procedures regarding the receipt of gifts and business entertainment by the Adviser’s employees from certain third parties (e.g., vendors, broker-dealers, consultants, etc.). Specifically, the Code requires employees to report the receipt of gifts and business entertainment in excess of pre-established de minimis thresholds. The Adviser reviews these reports for any potential conflicts of interest with respect to individual instances of gifts or business entertainment, as well as patterns of the same over time, to seek to prevent employees from placing their own interests ahead of the interest of Clients.

The Code also contains policies and procedures in the following key areas: (i) outside business activities; (ii) recordkeeping; (iii) oversight of the Code; (iv) conflicts of interest; (v) the treatment of confidential information; (vi) Pay-to-Play rules; and (vii) complying with SEC rules and regulations; and (viii) reporting misconduct. Periodic training regarding the Code is provided to the Adviser's supervised persons.

The Adviser, in the course of its investment management and other activities (e.g., board or creditor committee service), may come into possession of confidential or material nonpublic information about issuers, including issuers in which the Adviser or its related persons have invested or seek to invest on behalf of Clients. The Adviser is prohibited from improperly disclosing or using such information for its own benefit or for the benefit of any other person, regardless of whether such other person is a Client. The Adviser maintains and enforces written policies and procedures that prohibit the communication of such information outside of the Adviser and that prohibit the communication of such information internally within the Adviser to persons other than the general counsel and/or the chief compliance officer or their designees and to assure that the Adviser is meeting its obligations to Clients and remains in compliance with applicable law. In certain circumstances, the Adviser may possess certain confidential or material, nonpublic information that, if disclosed, might be material to a decision to buy, sell or hold a security, but the Adviser will be prohibited from communicating such information to a Client or using such information for a Client's benefit. In such circumstances, the Adviser will have no responsibility or liability to the Client for not disclosing such information to the Client (or the fact that the Adviser possesses such information), or not using such information for the Client's benefit, as a result of following the Adviser's policies and procedures designed to provide reasonable assurances that it is complying with applicable law.

The Adviser's advisory affiliates may trade in Financial Instruments for their own accounts and may engage in personal securities transactions in securities and other Financial Instruments in which Clients may invest. These activities create conflicts of interest between the Adviser's advisory affiliates and the Adviser's Clients with regard to such matters as allocation of opportunities to participate in, or refrain from participation in, particular Financial Instruments or to dispose of certain Financial Instruments.

The Code contains provisions designed to prevent improper personal trading by the Adviser's supervised persons. Pursuant to the Code, all of the Adviser's "access persons" (*i.e.*, any partner, officer, director, member, or employee of the Adviser or any such person's spouses, immediate family members, any person to whom an access person provides primary financial support, partnerships and corporations in which access persons maintain a certain level of beneficial interest, and any person with whom access persons share common financial support) must obtain pre-approval prior to trading a reportable security as defined under Rule 204A-1 of the Rules and Regulations promulgated under the U.S. Investment Advisers Act of 1940, as amended, unless said person has a long-term managed account with an independent adviser who has discretionary investment authority. The Adviser's access persons are prohibited from trading securities on the restricted list, and certain access persons are also prohibited from trading securities on a restricted list of certain Clients of the Adviser or TSI, and generally are prohibited from participating in "new issues." Short selling is prohibited. It is specifically noted that certain trading desk personnel and their immediate family members, spouses and persons to whom they provide primary financial support are precluded from trading in instruments and derivatives on

instruments for which they have trading responsibilities for the Adviser. Further, all purchase and sale transactions completed by certain trading desk personnel and their immediate family members, spouses and persons to whom they provide primary financial support, regardless of market, must be pre-cleared by the Chief Compliance Officer or a designated member of TSI's compliance group, on behalf of the Adviser. The Adviser's current personal trading policies limit the brokers that supervised persons can use for personal trading. All positions in reportable securities need to be disclosed upon joining the Adviser and duplicates of brokerage account statements generally must be sent directly to TSI's compliance group, as part of the compliance-related services and support that TSI provides to the Adviser.

As noted in Item 6 "Performance-Based Fee and Side-by-Side Management," certain of the Clients may be owned in part or entirely by proprietary capital. Other than as set forth in Item 6, such Clients will be treated the same as all other Clients with respect to the allocation of trades.

Additionally, the Adviser has employed a risk manager and utilizes a Conflicts and Risk Management Committee (the "CRMC"). The CRMC is directed by an independent risk manager and comprised of certain of the Adviser's and TSI's senior management and control personnel. The CRMC's primary focus is to seek to identify and manage potential conflicts of interest surrounding investment process decisions.

Item 12. Brokerage Practices

As indicated above, the Adviser has licensed execution Analytics from TSI, which includes an electronic execution management system (“EMS”), for the execution of certain Client trades. When the EMS creates an order, the system directs the order through the use of proprietary execution systems or the use of execution systems maintained by an unaffiliated broker, dealer or other market intermediary for execution (“Market Intermediaries”). If a trader on the trading desk chooses to manually handle an order, the trader processes the order by sending the order (or portions of the order) for execution through proprietary execution systems or through a Market Intermediary.

Market Intermediaries used to execute Client trades are selected primarily on the basis of their execution capability, financial stability, reputation, access to the market for the securities being traded and expertise. The Adviser need not solicit competitive bids for orders, directly or indirectly through TSI, as part of the trading services and support provided by TSI to the Adviser. The Adviser does not have an obligation to seek the lowest available commission cost, or require TSI, as a service provider to the Adviser, to seek the lowest available commission costs. It is neither the Adviser’s nor TSI’s practice, on behalf of the Adviser, to negotiate “execution only” commission rates. Thus Clients may be deemed to be paying for research, brokerage or other services provided by Market Intermediaries in recognition of the commissions, mark-ups or other compensation (collectively, “Commissions”) received.

In determining the Market Intermediaries through which, and the Commission rates and other transaction costs at which, investment transactions for a Client are to be executed, TSI, on behalf of the Adviser, will seek to obtain the best execution and negotiate the most favorable Commission and costs obtainable on each type of transaction. The Adviser has reviewed and will continue to review, among other things, TSI’s policies and procedures regarding selection of Market Intermediaries and will also obtain data and/or reports from TSI and/or the Market Intermediaries regarding the commissions paid on Client transactions.

Consistent with seeking overall best execution, the Adviser may also obtain research, brokerage and other services that would otherwise be a Client expense provided by the Market Intermediary for Commissions paid in connection with the transaction and TSI, on behalf of the Adviser, may place transactions that may involve increased transaction costs for the foregoing services with a Market Intermediary that also (i) provides the Adviser (or an affiliate) with the opportunity to participate in capital introduction events sponsored by the Market Intermediary or (ii) refers investors to the Adviser or other products advised by the Adviser (or an affiliate). Accordingly, a Client may pay to Market Intermediaries that provide these services and benefits higher Commissions, mark-ups, fees, costs or other compensation than such Client would pay to other Market Intermediaries that do not provide these services and benefits based on the Adviser’s recognition of the value of the research, brokerage and other services that would otherwise be Client expenses.

When appropriate, TSI, as part of the trading services and support provided to the Adviser, may, on behalf of the Adviser, but is not required to, aggregate Clients' trade orders and, in many cases, Clients' and TSI clients' trade orders to achieve more efficient execution or to provide for equitable treatment among accounts. Clients participating in aggregated trades will be allocated securities or other instruments, on a pro-rata basis, based on the amount needed to fulfill the desired position in any such security or other instrument that existed for each participating Client at the time the EMS created the order for such security or other instrument. See Item 6 above for additional information concerning the Adviser's aggregation and allocation policies.

The Adviser currently only uses Commissions to obtain research and brokerage services that constitute research and brokerage within the meaning of Section 28(e). Research services within Section 28(e) may include, but are not limited to, research reports (including market research); certain financial newsletters and trade journals; software providing analysis of securities portfolios; corporate governance research and rating services; attendance at certain seminars and conferences; discussions with research analysts; meetings with corporate executives; consultants' advice on portfolio strategy; data services (including services providing market data, company financial data, certain valuation and pricing data and economic data); advice from brokers on order execution; investment and economic recommendations; and certain proxy services. Brokerage services within Section 28(e) may include, but are not limited to, services related to the execution, clearing and settlement of securities transactions and functions incidental thereto (*i.e.*, connectivity services between an investment manager and a broker-dealer and other relevant parties such as custodians); trading software operated by a broker-dealer to route orders; software that provides trade analytics and trading strategies; software used to transmit orders; clearance and settlement in connection with a trade; electronic communication of allocation instructions; routing settlement instructions; post trade matching of trade information; and services required by the SEC or a self-regulatory organization such as comparison services, electronic confirms or trade affirmations. Should the Adviser elect in the future to use Commissions arising from a Client's investment transactions for services other than research and brokerage, such usage will be limited to services that would otherwise be a Client expense. The use of Commissions to obtain such other services would be outside the parameters of Section 28(e).

In some instances, the Adviser may receive a product or service that may be used only partially for Section 28(e) types of services (*e.g.*, an order management system, trade analytical software or proxy services). In such instances, the Adviser will make a good faith effort to determine the proportion of the "mixed use" product or service used for Section 28(e) types of services and the proportion used for other purposes. The proportion of the product or service used for Section 28(e) types of services may be paid through Commissions generated by transactions for the Client and the proportion used for other purposes will be paid for by the Adviser from its own resources.

The use of Commissions (or certain markups or markdowns) to obtain research and brokerage products and services raises conflicts of interest. For example, the Adviser will not have to pay for the products and services itself. This creates an incentive for the Adviser and/or TSI, on behalf of the Adviser, to select or recommend a broker-dealer based on the Adviser's interest in receiving those products and services. In addition, the receipt of benefits and the determination of the appropriate allocation in the case of "mixed use" products or services (as noted above)

create an additional potential conflict of interest between the Adviser and the Clients. The Adviser and/or TSI, on behalf of the Adviser, may cause Clients to pay Commissions (or certain markups or markdowns) higher than those charged by other broker-dealers in return for soft dollar benefits (known as paying-up), resulting in higher transaction costs for Clients. However, the Adviser and/or TSI, on behalf of the Adviser, will make a good faith determination that the amount of Commissions paid is reasonable in light of the research and brokerage services obtained.

Research and brokerage services obtained by the use of Commissions arising from a Client's portfolio transactions may be used by the Adviser (and may be shared with TSI) in their other investment activities, including, for the benefit of other Clients. The Adviser does not seek to allocate soft dollar benefits proportionately based on the Client which generated such soft dollar credits.

During the Adviser's last fiscal year, as a result of client brokerage commissions (or markups or markdowns), the Adviser and/or its related persons acquired research reports (including market research); corporate governance research and rating services; inputs from traders, analysts, experts on selected subjects and other market participants (e.g., in connection with the use, implementation and support of the alpha capture systems developed by the Adviser's affiliate and utilized by the Adviser); and data services (including services providing market data, news data, company financial data, certain valuation and pricing data and economic data).

In selecting or recommending broker-dealers, TSI, on behalf of the Adviser, may consider whether TSI, the Adviser or a related person receives client referrals from a broker-dealer or third party. TSI may have an incentive to select or recommend a broker-dealer based on TSI's, the Adviser's or a related person's interest in receiving client referrals rather than on the Client's or TSI's client's interest in receiving most favorable execution. To address this conflict of interest, TSI, on behalf of the Adviser, may execute trades through broker-dealers that refer investors to TSI, the Adviser or a related person but only if it is determined by TSI's Best Execution Committee that trades with such broker-dealers are otherwise consistent with seeking best execution. In no event will TSI, on behalf of the Adviser, select a broker-dealer or will a Client or a TSI client pay a higher commission than would otherwise be paid as a means of remuneration for the referral or affording TSI, the Adviser or a related person with the opportunity to participate in capital introduction programs.

Please refer to Item 6 – *Allocation of Trades* for further information regarding the procedures adopted by the Adviser for allocating trades among its Clients including procedures for order aggregation.

Item 13. Review of Accounts

Frequency and Nature of Review.

The Adviser's Chief Investment Officer regularly reviews the trading activity conducted on behalf of the Clients in conjunction with other members of the portfolio management team. These reviews consist of a review and analysis of (i) various trading data, (ii) internally-generated risk reports and (iii) an evaluation of such other information the Adviser deems appropriate.

Content and Frequency of Regular Account Reports.

A Client's investors receive reports from the Client as described in the investment management agreement, offering or organization documents of the Client.

Clients may enter into agreements with certain investors to provide such investors with additional reports, including detailed information regarding portfolio positions.

Item 14. Client Referrals & Other Compensation

The Adviser does not currently compensate any person for Client referrals.

The Adviser and TSI receive certain research or other products or services from broker-dealers through “soft-dollar” arrangements. These “soft-dollar” arrangements create an incentive for the Adviser and/or TSI to select or recommend particular broker-dealers based on the Adviser’s and/or TSI’s interest in receiving the research or other products or services from such broker-dealers. Please see Item 12 above for further information on the Adviser’s “soft-dollar” practices, including the Adviser’s and TSI’s procedures for addressing conflicts of interest that arise from such practices.

Item 15. Custody

This Item is not applicable.

Item 16. Investment Discretion

The Adviser provides investment advisory services on a discretionary basis to Clients. Other than those restrictions set forth in the applicable offering memorandum or investment management agreement, Clients generally may not impose restrictions on investing in certain securities or certain types of securities.

Prior to assuming full discretion in managing a Client's assets, the Adviser enters into an investment management agreement or other agreement that sets forth the scope of the Adviser's discretion.

Unless otherwise instructed or directed by a discretionary Client, the Adviser has the authority to determine (i) the securities to be purchased and sold for the Client (subject to restrictions on its activities set forth in the applicable offering memorandum, investment management agreement and any written investment guidelines) and (ii) the amount of securities to be purchased or sold for the Client. See Item 6 for a discussion of the Adviser's allocation and aggregation practices.

The Adviser may, directly or indirectly, from time to time, cause certain of the Clients to purchase equity securities that are part of an initial public offering (sometimes referred to as "IPOs" or "New Issues"). The Adviser, or TSI on behalf of the Adviser, will determine those Clients that are eligible to participate in the IPOs and will allocate such IPO securities in a manner consistent with the Adviser's fiduciary duties among such Clients. If the Adviser elects to cause certain of the Clients to purchase New Issues, TSI, as part of the trading and execution services and support provided to the Adviser, will determine, among other things the (i) manner in which New Issues are directly purchased, held, transferred and sold and any adjustments (including interest) with respect thereto; (ii) manner in which the investors will participate in the profits and losses from New Issues; (iii) investors who are eligible and ineligible to participate in the profits and losses from New Issues; (iv) method by which profits and losses from New Issues are to be allocated among the investors in a manner that is permitted under the FINRA rules; and (v) time at which New Issues are no longer considered as such under the FINRA rules.

Item 17. Voting Client Securities

Although the trading frequency (and correspondingly relatively shorter holding periods, frequently changing position sizes and changing position directionality) of the securities targeted by the investment strategies employed by the Adviser significantly reduces the importance and usefulness of the proxies the Adviser receives and votes, or causes to be voted, on behalf of the Clients, the Adviser employs proxy voting guidelines and proxy voting procedures that are designed to seek to ensure that in cases when the Adviser votes proxies with respect to Client securities, such proxies are voted in the best interests of the Adviser's Clients. The Clients are not permitted to direct their votes in a particular solicitation.

In voting proxies, the Adviser utilizes the services of a third-party proxy agent that votes pursuant to guidelines agreed with the Adviser in advance which the Adviser believes are in the best interests of the Client. If a material conflict of interest between the Adviser and a Client exists, the Adviser will determine whether voting in accordance with the guidelines set forth in the proxy voting policies and procedures is in the best interests of the Client or take some other appropriate action. The Adviser does not make any qualitative judgment regarding its Clients' investments.

An investor in a Client can obtain (i) a copy of the Adviser's proxy voting policies and procedures and (ii) information on how the Adviser voted proxies for each applicable Client in which they are invested by contacting the Investor Relations Department at (212) 625-5700.

Item 18. Financial Information

This Item is not applicable.

Item 19. Requirements for State-Registered Advisers

This Item is not applicable.

Appendix: Material Changes

Below are the material changes the Adviser has made to this brochure since the Advisers last annual Form ADV filing on March 30, 2012. Please be aware that other non-material changes have been included in this brochure.

Item 4. The Adviser has made certain additions to the list of investments about which it provides investment advice in order to reflect the advice provided to one or more of its new Clients.

Item 6. The Adviser has made certain changes with respect to the allocation of trades among Clients managed by TSI and the Adviser in order to reflect TSI's growing reliance on the use of separate execution desks on behalf of TSI's various clients.

Item 7. The Adviser has made certain changes to reflect certain Client's use of a cash management vehicle managed by the Adviser.

Item 8. The Adviser has made certain additions to the list of investment strategies and recommended securities as well as to the material risks relating to such strategies and securities in order to reflect the advice provided to one or more of its new Clients. The Adviser has also provided additional clarification with respect to the risks associated with the Adviser's reliance on TSI.

Item 10. The Adviser has made changes to reflect the fact that the Adviser is now registered as a commodity pool operator with the U.S. Commodity Futures Trading Commission, under the U.S. Commodity Exchange Act, as amended.

Item 12. The Adviser has made changes to reflect that it no longer utilizes directed brokerage for any of its Clients.