

JOJO | **ATAC Credit Rotation ETF**
listed on NYSE Arca, Inc.

a series of Tidal ETF Trust

STATEMENT OF ADDITIONAL INFORMATION

July 14, 2021

This Statement of Additional Information (“SAI”) is not a prospectus and should be read in conjunction with the Prospectus for the ATAC Credit Rotation ETF (the “Fund”), a series of Tidal ETF Trust (the “Trust”), dated July 14, 2021, as may be supplemented from time to time (the “Prospectus”). Capitalized terms used in this SAI that are not defined have the same meaning as in the Prospectus, unless otherwise noted. A copy of the Prospectus may be obtained without charge, by calling the Fund at 855-ATACFUND, visiting www.atacfunds.com, or writing to the ATAC Credit Rotation ETF c/o U.S. Bank Global Fund Services, P.O. Box 701, Milwaukee, Wisconsin 53201-0701.

The Fund’s audited financial statements for the most recent fiscal year (when available) will be incorporated into this SAI by reference to the Fund’s most recent annual report to shareholders (File No. 811-23377). When available, a copy of the Fund’s annual report to shareholders may be obtained at no charge by contacting the Fund at the address or phone number noted above.

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GENERAL INFORMATION ABOUT THE TRUST

The Trust is an open-end management investment company consisting of multiple series, including the Fund. This SAI relates to the Fund. The Trust was organized as a Delaware statutory trust on June 4, 2018. The Trust is registered with the U.S. Securities and Exchange Commission (“SEC”) under the Investment Company Act of 1940, as amended (together with the rules and regulations adopted thereunder, as amended, the “1940 Act”), as an open-end management investment company and the offering of the Fund’s shares (“Shares”) is registered under the Securities Act of 1933, as amended (the “Securities Act”). The Trust is governed by its Board of Trustees (the “Board”). Toroso Investments, LLC (“Toroso” or the “Adviser”) serves as investment adviser to the Fund.

The Fund offers and issues Shares at their net asset value (“NAV”) only in aggregations of a specified number of Shares (each, a “Creation Unit”). The Fund generally offers and issues Shares in exchange for a basket of securities (“Deposit Securities”) together with the deposit of a specified cash payment (“Cash Component”). The Trust reserves the right to permit or require the substitution of a “cash in lieu” amount (“Deposit Cash”) to be added to the Cash Component to replace any Deposit Security. Shares are listed on the NYSE Arca, Inc. (the “Exchange”). Shares trade on the Exchange at market prices that may differ from the Shares’ NAV. Shares are also redeemable only in Creation Unit aggregations, primarily for a basket of Deposit Securities together with a Cash Component. As a practical matter, only institutions or large investors, known as “Authorized Participants” or “APs,” purchase or redeem Creation Units. Except when aggregated in Creation Units, Shares are not individually redeemable.

Shares may be issued in advance of receipt of Deposit Securities subject to various conditions, including a requirement to maintain on deposit with the Trust cash at least equal to a specified percentage of the value of the missing Deposit Securities, as set forth in the Participant Agreement (as defined below). The Trust may impose a transaction fee for each creation or redemption. In all cases, such fees will be limited in accordance with the requirements of the SEC applicable to management investment companies offering redeemable securities. As in the case of other publicly traded securities, brokers’ commissions on transactions in the secondary market will be based on negotiated commission rates at customary levels.

ADDITIONAL INFORMATION ABOUT INVESTMENT OBJECTIVES, POLICIES, AND RELATED RISKS

The Fund’s investment objective and principal investment strategies are described in the Prospectus. The following information supplements, and should be read in conjunction with, the Prospectus. For a description of certain permitted investments, see “[Description of Permitted Investments](#)” in this SAI.

With respect to the Fund’s investments, unless otherwise noted, if a percentage limitation on investment is adhered to at the time of investment or contract, a subsequent increase or decrease as a result of market movement or redemption will not result in a violation of such investment limitation.

Non-Diversification

The Fund is classified as a non-diversified investment company under the 1940 Act. A “non-diversified” classification means that the Fund is not limited by the 1940 Act with regard to the percentage of its assets that may be invested in the securities of a single issuer. This means that the Fund may invest a greater portion of its assets in the securities of a single issuer or a smaller number of issuers than if it was a diversified fund. The securities of a particular issuer may constitute a greater portion of the Fund’s portfolio. This may have an adverse effect on the Fund’s performance or subject Shares to greater price volatility than more diversified investment companies. Although the Fund is non-diversified for purposes of the 1940 Act, the Fund intends to maintain the required level of diversification and otherwise conduct its operations so as to qualify as a regulated investment company (“RIC”) for purposes of the Internal Revenue Code of 1986, as amended (the “Code”), and to relieve the Fund of any liability for federal income tax to the extent that its earnings are distributed to shareholders. Compliance with the diversification requirements of the Code may limit the investment flexibility of the Fund and may make it less likely that the Fund will meet its investment objectives. See “Federal Income Taxes” in this SAI for further discussion.

General Risks

The value of the Fund’s portfolio securities may fluctuate with changes in the financial condition of an issuer or counterparty, changes in specific economic or political conditions that affect a particular security or issuer, and changes in general economic or political conditions. An investor in the Fund could lose money over short or long periods of time.

There can be no guarantee that a liquid market for the securities held by the Fund will be maintained. The existence of a liquid trading market for certain securities may depend on whether dealers will make a market in such securities. There can be no assurance that a market will be made or maintained or that any such market will be or remain liquid. The price at which securities may be sold and the value of Shares will be adversely affected if trading markets for the Fund’s portfolio securities are limited or absent, or if bid-ask spreads are wide.

Financial markets, both domestic and foreign, have recently experienced an unusually high degree of volatility. Continuing events and possible continuing market turbulence may have an adverse effect on Fund performance.

Cyber Security Risk. Investment companies, such as the Fund, and their service providers may be subject to operational and information security risks resulting from cyber attacks. Cyber attacks include, among other behaviors, stealing or corrupting data maintained online or digitally, denial of service attacks on websites, the unauthorized release of confidential information or various other forms of cyber security breaches. Cyber attacks affecting the Fund or the Adviser, Custodian (defined below), Transfer Agent (defined below), intermediaries, and other third-party service providers may adversely impact the Fund. For instance, cyber attacks may interfere with the processing of shareholder transactions, impact the Fund's ability to calculate its NAV, cause the release of private shareholder information or confidential company information, impede trading, subject the Fund to regulatory fines or financial losses, and cause reputational damage. The Fund may also incur additional costs for cyber security risk management purposes. Similar types of cyber security risks are also present for issuers of securities in which the Fund invests, which could result in material adverse consequences for such issuers, and may cause the Fund's investment in such portfolio companies to lose value.

DESCRIPTION OF PERMITTED INVESTMENTS

The following are descriptions of the permitted investments and investment practices and the associated risk factors. The Fund will only invest in any of the following instruments or engage in any of the following investment practices, either directly or indirectly through its investments in other exchange-traded funds ("ETFs") (sometimes referred to in this SAI as "Underlying ETFs"), if such investment or activity is consistent with the Fund's investment objective and permitted by the Fund's stated investment policies. In addition, certain of the techniques and investments discussed in this SAI are not principal strategies of the Fund as disclosed in the Prospectus, and while such techniques and investments are permissible for the Fund to utilize, the Fund is not required to utilize such non-principal techniques or investments.

Borrowing

Although the Fund does not intend to borrow money, the Fund may do so to the extent permitted by the 1940 Act. Under the 1940 Act, the Fund may borrow up to one-third (1/3) of its total assets. The Fund will borrow money only for short-term or emergency purposes. Such borrowing is not for investment purposes and will be repaid by the Fund promptly. Borrowing will tend to exaggerate the effect on NAV of any increase or decrease in the market value of the Fund's portfolio. Money borrowed will be subject to interest costs that may or may not be recovered by earnings on the securities purchased. The Fund also may be required to maintain minimum average balances in connection with a borrowing or to pay a commitment or other fee to maintain a line of credit; either of these requirements would increase the cost of borrowing over the stated interest rate.

Debt Securities

The Fund may invest directly or indirectly, through Underlying ETFs, in debt securities. In general, a debt security represents a loan of money to the issuer by the purchaser of the security. A debt security typically has a fixed payment schedule that obligates the issuer to pay interest to the lender and to return the lender's money over a certain time period. A company typically meets its payment obligations associated with its outstanding debt securities before it declares and pays any dividend to holders of its equity securities. Bonds, notes, and commercial paper are examples of debt securities and differ in the length of the issuer's principal repayment schedule, with bonds carrying the longest repayment schedule and commercial paper the shortest.

Debt securities are all generally subject to interest rate, credit, income and prepayment risks and, like all investments, are subject to liquidity and market risks to varying degrees depending upon the specific terms and type of security. The Adviser attempts to reduce credit and market risk through diversification of the Fund's portfolio and ongoing credit analysis of each issuer, as well as by monitoring economic developments, but there can be no assurance that it will be successful at doing so.

The Fund's investments in debt securities may subject the Fund to the following risks:

Credit risk. Debt securities are subject to the risk of an issuer's (or other party's) failure or inability to meet its obligations under the security. Multiple parties may have obligations under a debt security. An issuer or borrower may fail to pay principal and interest when due. A guarantor, insurer or credit support provider may fail to provide the agreed upon protection. A counterparty to a transaction may fail to perform its side of the bargain. An intermediary or agent interposed between the investor and other parties may fail to perform the terms of its service. Also, performance under a debt security may be linked to the obligations of other persons who may fail to meet their obligations. The credit risk associated with a debt security could increase to the extent that the Fund's ability to benefit fully from its investment in the security depends on the performance by multiple parties of their respective contractual or other obligations. The market value of a debt security is also affected by the market's perception of the creditworthiness of the issuer.

The Fund may incur substantial losses on debt securities that are inaccurately perceived to present a different amount of credit risk than they actually do by the market, the Adviser or the rating agencies. Credit risk is generally greater where less information is publicly available, where fewer covenants safeguard the investors' interests, where collateral may be impaired or inadequate, where little legal redress or regulatory protection is available, or where a party's ability to meet obligations is speculative. Additionally, any inaccuracy in the information used by the Fund to evaluate credit risk may affect the value of securities held by the Fund.

Obligations under debt securities held by the Fund may never be satisfied or, if satisfied, only satisfied in part.

Some securities are subject to risks as a result of a credit downgrade or default by a government, or its agencies or instrumentalities. Credit risk is a greater concern for high-yield debt securities and debt securities of issuers whose ability to pay interest and principal may be considered speculative. Debt securities are typically classified as investment grade-quality (medium to highest credit quality) or below investment grade-quality (commonly referred to as high-yield or junk bonds). Many individual debt securities are rated by a third party source, such as Moody's Investors Service ("Moody's") or Standard & Poor's Financial Services ("S&P"), or Fitch Ratings, Inc. ("Fitch's") to help describe the creditworthiness of the issuer.

Credit ratings risk. The Adviser performs its own independent investment analysis of securities being considered for the Fund's portfolio, which includes consideration of, among other things, the issuer's financial resources, its sensitivity to economic conditions and trends, its operating history, the quality of the issuer's management and regulatory matters. The Adviser also considers the ratings assigned by various investment services and independent rating agencies, such as Moody's, S&P, and Fitch's that publish ratings based upon their assessment of the relative creditworthiness of the rated debt securities. Generally, a lower rating indicates higher credit risk. Higher yields are ordinarily available from debt securities in the lower rating categories. These ratings are described at the end of this SAI in Appendix A - Description of Ratings.

Using credit ratings to evaluate debt securities can involve certain risks. For example, ratings assigned by the rating agencies are based upon an analysis completed at the time of the rating of the obligor's ability to pay interest and repay principal. Rating agencies typically rely to a large extent on historical data which may not accurately represent present or future circumstances. Ratings do not purport to reflect the risk of fluctuations in market value of the debt security and are not absolute standards of quality and only express the rating agency's current opinion of an obligor's overall financial capacity to pay its financial obligations. A credit rating is not a statement of fact or a recommendation to purchase, sell or hold a debt obligation. Also, credit quality can change suddenly and unexpectedly, and credit ratings may not reflect the issuer's current financial condition or events since the security was last rated. Rating agencies may have a financial interest in generating business, including from the arranger or issuer of the security that normally pays for that rating, and providing a low rating might affect the rating agency's prospects for future business. While rating agencies have policies and procedures to address this potential conflict of interest, there is a risk that these policies will fail to prevent a conflict of interest from impacting the rating.

Extension risk. The market value of some debt securities, particularly mortgage securities and certain asset-backed securities, may be adversely affected when bond calls or prepayments on underlying mortgages or other assets are less or slower than anticipated. Extension risk may result from, for example, rising interest rates or unexpected developments in the markets for the underlying assets or mortgages. As a consequence, the security's effective maturity will be extended, resulting in an increase in interest rate sensitivity to that of a longer-term instrument. Extension risk generally increases as interest rates rise. This is because, in a rising interest rate environment, the rate of prepayment and exercise of call or buy-back rights generally falls and the rate of default and delayed payment generally rises. When the maturity of an investment is extended in a rising interest rate environment, a below-market interest rate is usually locked-in and the value of the security reduced. This risk is greater for fixed-rate than variable-rate debt securities.

Income risk. The Fund's income will decline during periods of falling interest rates or when the Underlying ETFs held by the Fund experience defaults on debt securities they hold. The Fund's income declines when interest rates fall because, as the Fund's underlying higher-yielding debt securities mature or are prepaid, the Fund's underlying securities must re-invest the proceeds in debt securities that have lower, prevailing interest rates. The amount and rate of distributions that the Fund's shareholders receive are affected by the income that the Fund receives from its portfolio holdings. If the income is reduced, distributions by the Fund to shareholders may be less.

Fluctuations in income paid to the Fund are generally greater for underlying variable rate debt securities. The Fund will be deemed to receive taxable income on certain securities which pay no cash payments until maturity, such as zero-coupon securities. The Fund may be required to sell portfolio securities that it would otherwise continue to hold in order to obtain sufficient cash to make the distribution to shareholders required for U.S. tax purposes.

Inflation risk. The market price of debt securities generally falls as inflation increases because the purchasing power of the future income and repaid principal is expected to be worth less when received by the Fund. Debt securities that pay a fixed

rather than variable interest rate are especially vulnerable to inflation risk because variable-rate debt securities may be able to participate, over the long term, in rising interest rates which have historically corresponded with long-term inflationary trends.

Interest rate risk. The market value of debt securities generally varies in response to changes in prevailing interest rates. Interest rate changes can be sudden and unpredictable. In addition, short-term and long-term rates are not necessarily correlated to each other as short-term rates tend to be influenced by government monetary policy while long-term rates are market driven and may be influenced by macroeconomic events (such as economic expansion or contraction), inflation expectations, as well as supply and demand. During periods of declining interest rates, the market value of debt securities generally increases. Conversely, during periods of rising interest rates, the market value of debt securities generally declines. This occurs because new debt securities are likely to be issued with higher interest rates as interest rates increase, making the old or outstanding debt securities less attractive. In general, the market prices of long-term debt securities or securities that make little (or no) interest payments are more sensitive to interest rate fluctuations than shorter-term debt securities. The longer the Fund's average weighted portfolio duration, the greater the potential impact a change in interest rates will have on its share price. Also, certain segments of the fixed income markets, such as high quality bonds, tend to be more sensitive to interest rate changes than other segments, such as lower-quality bonds.

Prepayment risk. Debt securities, especially bonds that are subject to "calls," such as asset-backed or mortgage-backed securities, are subject to prepayment risk if their terms allow the payment of principal and other amounts due before their stated maturity. Amounts invested in a debt security that has been "called" or "prepaid" will be returned to an investor holding that security before expected by the investor. In such circumstances, the investor, such as a fund, may be required to re-invest the proceeds it receives from the called or prepaid security in a new security which, in periods of declining interest rates, will typically have a lower interest rate. Prepayment risk is especially prevalent in periods of declining interest rates and will result for other reasons, including unexpected developments in the markets for the underlying assets or mortgages. For example, a decline in mortgage interest rates typically initiates a period of mortgage refinancings. When homeowners refinance their mortgages, the investor in the underlying pool of mortgage-backed securities (such as a fund) receives its principal back sooner than expected, and must reinvest at lower, prevailing rates.

Securities subject to prepayment risk are often called during a declining interest rate environment and generally offer less potential for gains and greater price volatility than other income-bearing securities of comparable maturity.

Call risk is similar to prepayment risk and results from the ability of an issuer to call, or prepay, a debt security early. If interest rates decline enough, the debt security's issuer can save money by repaying its callable debt securities and issuing new debt securities at lower interest rates.

Inflation-Indexed Bonds. Inflation-indexed bonds are debt securities whose principal value is periodically adjusted according to the rate of inflation. Two structures are common. The U.S. Treasury and some other issuers use a structure that accrues inflation into the principal value of the bond. Most other issuers pay out the Consumer Price Index accruals as part of a semiannual coupon.

Inflation-indexed securities issued by the U.S. Treasury have maturities of five, ten or thirty years, although it is possible that securities with other maturities will be issued in the future. The U.S. Treasury securities pay interest on a semi-annual basis, equal to a fixed percentage of the inflation-adjusted principal amount. For example, if the Fund purchased an inflation-indexed bond with a par value of \$1,000 and a 3% real rate of return coupon (payable 1.5% semi-annually), and inflation over the first six months were 1%, the mid-year par value of the bond would be \$1,010 and the first semi-annual interest payment would be \$15.15 (\$1,010 times 1.5%). If inflation during the second half of the year resulted in the whole year's inflation equaling 3%, the end-of-year par value of the bond would be \$1,030 and the second semiannual interest payment would be \$15.45 (\$1,030 times 1.5%).

If the periodic adjustment rate measuring inflation falls, the principal value of inflation-indexed bonds will be adjusted downward, and consequently the interest payable on these securities (calculated with respect to a smaller principal amount) will be reduced. Repayment of the original bond principal upon maturity (as adjusted for inflation) is guaranteed in the case of U.S. Treasury inflation-indexed bonds, even during a period of deflation. However, the current market value of the bonds is not guaranteed, and will fluctuate. The Fund may also invest in other inflation related bonds which may or may not provide a similar guarantee. If a guarantee of principal is not provided, the adjusted principal value of the bond repaid at maturity may be less than the original principal.

The value of inflation-indexed bonds is expected to change in response to changes in real interest rates. Real interest rates in turn are tied to the relationship between nominal interest rates and the rate of inflation. Therefore, if inflation were to rise at a faster rate than nominal interest rates, real interest rates might decline, leading to an increase in value of inflation-indexed

bonds. In contrast, if nominal interest rates increased at a faster rate than inflation, real interest rates might rise, leading to a decrease in value of inflation-indexed bonds.

While these securities are expected to be protected from long-term inflationary trends, short-term increases in inflation may lead to a decline in value. If interest rates rise due to reasons other than inflation (for example, due to changes in currency exchange rates), investors in these securities may not be protected to the extent that the increase is not reflected in the bond's inflation measure.

The periodic adjustment of U.S. inflation-indexed bonds is tied to the Consumer Price Index for Urban Consumers ("CPI-U"), which is calculated monthly by the U.S. Bureau of Labor Statistics. The CPI-U is a measurement of changes in the cost of living, made up of components such as housing, food, transportation and energy. Inflation-indexed bonds issued by a foreign government are generally adjusted to reflect a comparable inflation index, calculated by that government. There can be no assurance that the CPI-U or any foreign inflation index will accurately measure the real rate of inflation in the prices of goods and services. Moreover, there can be no assurance that the rate of inflation in a foreign country will be correlated to the rate of inflation in the United States.

Any increase in the principal amount of an inflation-indexed bond will be considered taxable ordinary income, even though investors do not receive their principal until maturity.

Exchange-Traded Funds

The Fund invests primarily in ETFs. As the shareholder of another ETF, the Fund would bear, along with other shareholders, its pro rata portion of the other ETF's expenses, including advisory fees. Such expenses are in addition to the expenses the Fund pays in connection with its own operations. The Fund's investments in other ETFs may be limited by applicable law.

Disruptions in the markets for the securities underlying ETFs purchased or sold by the Fund could result in losses on investments in ETFs. ETFs also carry the risk that the price the Fund pays or receives may be higher or lower than the ETF's NAV. ETFs are also subject to certain additional risks, including the risks of illiquidity and of possible trading halts due to market conditions or other reasons, based on the policies of the relevant exchange. ETFs and other investment companies in which the Fund may invest may be leveraged, which would increase the volatility of the Fund's NAV.

Illiquid Securities

The Fund may invest in illiquid securities (i.e., securities that are not readily marketable) to the extent permitted under the 1940 Act. Illiquid securities include, but are not limited to, restricted securities (securities the disposition of which is restricted under the federal securities laws); securities that may only be resold pursuant to Rule 144A under the Securities Act, but that are deemed to be illiquid; and repurchase agreements with maturities in excess of seven days. However, the Fund will not acquire illiquid securities if, immediately after the acquisition, such securities would comprise more than 15% of the value of the Fund's net assets. Determinations of liquidity are made pursuant to guidelines contained in the liquidity risk management program of the Trust applicable to the Fund. The Adviser determines and monitors the liquidity of the portfolio securities and reports periodically on its decisions to the Board. In making such determinations it takes into account a number of factors in reaching liquidity decisions, including but not limited to: (1) the frequency of trades and quotations for the security; (2) the number of dealers willing to purchase or sell the security and the number of other potential buyers; (3) the willingness of dealers to undertake to make a market in the security; and (4) the nature of the marketplace trades, including the time needed to dispose of the security, the method of soliciting offers and the mechanics of the transfer. The term "illiquid security" is defined as a security that the Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the security.

An institutional market has developed for certain restricted securities. Accordingly, contractual or legal restrictions on the resale of a security may not be indicative of the liquidity of the security. If such securities are eligible for purchase by institutional buyers in accordance with Rule 144A under the Securities Act or other exemptions, the Adviser may determine that the securities are liquid.

Restricted securities may be sold only in privately negotiated transactions or in a public offering with respect to which a registration statement is in effect under the Securities Act. Where registration is required, the Fund may be obligated to pay all or part of the registration expenses and a considerable period may elapse between the time of the decision to sell and the time the Fund may be permitted to sell a security under an effective registration statement. If, during such a period, adverse market conditions were to develop, the Fund might obtain a less favorable price than that which prevailed when it decided to sell.

Illiquid securities will be priced at fair value as determined in good faith under procedures adopted by the Board. If, through the appreciation of illiquid securities or the depreciation of liquid securities, the Fund should be in a position where more than 15% of the value of its net assets are invested in illiquid securities, including restricted securities which are not readily marketable, the Fund will take such steps as set forth in its procedures as adopted by the Board.

Investment Company Securities

If the Fund invests in and, thus, is a shareholder of another investment company, the Fund's shareholders will indirectly bear the Fund's proportionate share of the fees and expenses paid by such other investment company, including advisory fees, in addition to both the management fees payable directly by the Fund to the Adviser and the other expenses that the Fund bears directly in connection with the Fund's own operations.

Section 12(d)(1) of the 1940 Act restricts investments by investment companies in the securities of other investment companies, including Underlying ETFs. However, registered investment companies are permitted to invest in other investment companies beyond the limits set forth in Section 12(d)(1) in recently adopted rules under the 1940 Act, subject to certain conditions. The Fund may rely on Rule 12d1-4 of the 1940 Act, which provides an exemption from Section 12(d)(1) that allows the Fund to invest all of its assets in other registered funds, including ETFs, if the Fund satisfies certain conditions specified in the Rule, including, among other conditions, that the Fund and its advisory group will not control (individually or in the aggregate) an acquired fund (e.g., hold more than 25% of the outstanding voting securities of an acquired fund that is a registered open-end management investment company). The Fund anticipates that it will invest in Underlying ETFs beyond the limits of Section 12(d)(1) of the 1940 Act.

The Fund may also rely on Section 12(d)(1)(F) and Rule 12d1-3 of the 1940 Act, which provide an exemption from Section 12(d)(1) that allows the Fund to invest all of its assets in other registered funds, including ETFs, if, among other conditions: (1) the Fund, together with its affiliates, acquires no more than three percent of the outstanding voting stock of any acquired fund; and (2) the sales load charged on Shares is no greater than the limits set forth in Rule 2830 of the Conduct Rules of the Financial Industry Regulatory Authority, Inc. ("FINRA"). The Fund may also rely on Rule 12d1-4 under the 1940 Act, which provides an exemption from Section 12(d)(1) that allows the Fund to invest all of its assets in other registered funds, including ETFs, if the Fund satisfies certain conditions specified in the Rule, including, among other conditions, that the Fund and its advisory group will not control (individually or in the aggregate) an acquired fund (e.g., hold more than 25% of the outstanding voting securities of an acquired fund that is a registered open-end management investment company). Additionally, the Fund may rely on exemptive relief issued by the SEC to other registered funds, including ETFs, to invest in such other funds in excess of the limits of Section 12(d)(1) if the Fund complies with the terms and conditions of such exemptive relief.

Money Market Funds

The Fund may invest in underlying money market funds that either seek to maintain a stable \$1 NAV ("stable NAV money market funds") or that have a share price that fluctuates ("variable NAV market funds"). Although an underlying stable NAV money market fund seeks to maintain a stable \$1 NAV, it is possible for the Fund to lose money by investing in such a money market fund. Because the share price of an underlying variable NAV market fund will fluctuate, when the Fund sells the shares it owns they may be worth more or less than what the Fund originally paid for them. In addition, neither type of money market fund is designed to offer capital appreciation. Certain underlying money market funds may impose a fee upon the sale of shares or may temporarily suspend the ability to sell shares if such fund's liquidity falls below required minimums.

Other Short-Term Instruments

In addition to repurchase agreements, the Fund may invest in short-term instruments, including money market instruments, on an ongoing basis to provide liquidity or for other reasons. Money market instruments are generally short-term investments that may include but are not limited to: (i) shares of money market funds; (ii) obligations issued or guaranteed by the U.S. government, its agencies or instrumentalities (including government-sponsored enterprises); (iii) negotiable certificates of deposit ("CDs"), bankers' acceptances, fixed time deposits and other obligations of U.S. and foreign banks (including foreign branches) and similar institutions; (iv) commercial paper rated at the date of purchase "Prime-1" by Moody's or "A-1" by S&P or, if unrated, of comparable quality as determined by the Adviser; (v) non-convertible corporate debt securities (e.g., bonds and debentures) with remaining maturities at the date of purchase of not more than 397 days and that satisfy the rating requirements set forth in Rule 2a-7 under the 1940 Act; and (vi) short-term U.S. dollar-denominated obligations of foreign banks (including U.S. branches) that, in the opinion of the Adviser, are of comparable quality to obligations of U.S. banks which may be purchased by the Fund. Any of these instruments may be purchased on a current or a forward-settled basis. Money market instruments also include shares of money market funds. Time deposits are non-negotiable deposits maintained

in banking institutions for specified periods of time at stated interest rates. Bankers' acceptances are time drafts drawn on commercial banks by borrowers, usually in connection with international transactions.

Repurchase Agreements

The Fund may invest in repurchase agreements with commercial banks, brokers or dealers to generate income from its excess cash balances and to invest securities lending cash collateral. A repurchase agreement is an agreement under which the Fund acquires a financial instrument (e.g., a security issued by the U.S. government or an agency thereof, a banker's acceptance or a certificate of deposit) from a seller, subject to resale to the seller at an agreed upon price and date (normally, the next Business Day). A repurchase agreement may be considered a loan collateralized by securities. The resale price reflects an agreed upon interest rate effective for the period the instrument is held by the Fund and is unrelated to the interest rate on the underlying instrument.

In these repurchase agreement transactions, the securities acquired by the Fund (including accrued interest earned thereon) must have a total value in excess of the value of the repurchase agreement and are held by the Fund's custodian bank until repurchased. No more than an aggregate of 15% of the Fund's net assets will be invested in illiquid securities, including repurchase agreements having maturities longer than seven days and securities subject to legal or contractual restrictions on resale, or for which there are no readily available market quotations.

The use of repurchase agreements involves certain risks. For example, if the other party to the agreement defaults on its obligation to repurchase the underlying security at a time when the value of the security has declined, the Fund may incur a loss upon disposition of the security. If the other party to the agreement becomes insolvent and subject to liquidation or reorganization under the U.S. Bankruptcy Code or other laws, a court may determine that the underlying security is collateral for a loan by the Fund not within the control of the Fund and, therefore, the Fund may not be able to substantiate its interest in the underlying security and may be deemed an unsecured creditor of the other party to the agreement.

Securities Lending

The Fund may lend portfolio securities to certain creditworthy borrowers. The borrowers provide collateral that is maintained in an amount at least equal to the current value of the securities loaned. The Fund may terminate a loan at any time and obtain the return of the securities loaned. The lending Fund receives the value of any interest or cash or non-cash distributions paid on the loaned securities. Distributions received on loaned securities in lieu of dividend payments (*i.e.*, substitute payments) would not be considered qualified dividend income.

With respect to loans that are collateralized by cash, the borrower will be entitled to receive a fee based on the amount of cash collateral. The Fund is compensated by the difference between the amount earned on the reinvestment of cash collateral and the fee paid to the borrower. In the case of collateral other than cash, the Fund is compensated by a fee paid by the borrower equal to a percentage of the value of the loaned securities. Any cash collateral may be reinvested in certain short-term instruments either directly on behalf of the lending Fund or through one or more joint accounts or money market funds.

The Fund may pay a portion of the interest or fees earned from securities lending to a borrower as described above, and to one or more securities lending agents approved by the Board who administer the lending program for the Fund in accordance with guidelines approved by the Board. In such capacity, the lending agent causes the delivery of loaned securities from the Fund to borrowers, arranges for the return of loaned securities to the Fund at the termination of a loan, requests deposit of collateral, monitors the daily value of the loaned securities and collateral, requests that borrowers add to the collateral when required by the loan agreements, and provides recordkeeping and accounting services necessary for the operation of the program.

Securities lending involves exposure to certain risks, including operational risk (*i.e.*, the risk of losses resulting from problems in the settlement and accounting process), "gap" risk (*i.e.*, the risk of a mismatch between the return on cash collateral reinvestments and the fees the Fund has agreed to pay a borrower), and credit, legal, counterparty and market risk. In the event a borrower does not return the Fund's securities as agreed, the Fund may experience losses if the proceeds received from liquidating the collateral do not at least equal the value of the loaned security at the time the collateral is liquidated plus the transaction costs incurred in purchasing replacement securities.

Tax Risks

As with any investment, you should consider how your investment in Shares will be taxed. The tax information in the Prospectus and this SAI is provided as general information. You should consult your own tax professional about the tax consequences of an investment in Shares. Unless your investment in Shares is made through a tax-exempt entity or tax-deferred retirement account, such as an individual retirement account, you need to be aware of the possible tax consequences when the Fund makes distributions or you sell Shares.

Temporary Defensive Strategies

For temporary defensive purposes during adverse market, economic, political or other conditions, the Fund may invest in cash or cash equivalents or short-term instruments such as commercial paper, money market mutual funds, short-term U.S. government securities, and/or repurchase agreements collateralized by U.S. government securities. Taking a temporary defensive position may result in the Fund not achieving its investment objective.

U.S. Government Securities

The Fund may invest directly or indirectly, through Underlying ETFs, in U.S. government securities. Securities issued or guaranteed by the U.S. government or its agencies or instrumentalities include U.S. Treasury securities, which are backed by the full faith and credit of the U.S. Treasury and which differ only in their interest rates, maturities, and times of issuance. U.S. Treasury bills have initial maturities of one-year or less; U.S. Treasury notes have initial maturities of one to ten years; and U.S. Treasury bonds generally have initial maturities of greater than ten years. Certain U.S. government securities are issued or guaranteed by agencies or instrumentalities of the U.S. government including, but not limited to, obligations of U.S. government agencies or instrumentalities such as the Federal National Mortgage Association (“FNMA”), the Government National Mortgage Association (“GNMA”), the Small Business Administration, the Federal Farm Credit Administration, the Federal Home Loan Banks, Banks for Cooperatives (including the Central Bank for Cooperatives), the Federal Land Banks, the Federal Intermediate Credit Banks, the Tennessee Valley Authority, the Export-Import Bank of the United States, the Commodity Credit Corporation, the Federal Financing Bank, the Student Loan Marketing Association, the National Credit Union Administration and the Federal Agricultural Mortgage Corporation (Farmer Mac).

Some obligations issued or guaranteed by U.S. government agencies and instrumentalities, including, for example, GNMA pass-through certificates, are supported by the full faith and credit of the U.S. Treasury. Other obligations issued by or guaranteed by federal agencies, such as those securities issued by the FNMA, are supported by the discretionary authority of the U.S. government to purchase certain obligations of the federal agency, while other obligations issued by or guaranteed by federal agencies, such as those of the Federal Home Loan Banks, are supported by the right of the issuer to borrow from the U.S. Treasury, while the U.S. government provides financial support to such U.S. government-sponsored federal agencies, no assurance can be given that the U.S. government will always do so, since the U.S. government is not so obligated by law. U.S. Treasury notes and bonds typically pay coupon interest semi-annually and repay the principal at maturity.

On September 7, 2008, the U.S. Treasury announced a federal takeover of the FNMA and the Federal Home Loan Mortgage Corporation (“Freddie Mac”), placing the two federal instrumentalities in conservatorship. Under the takeover, the U.S. Treasury agreed to acquire \$1 billion of senior preferred stock of each instrumentality and obtained warrants for the purchase of common stock of each instrumentality (the “Senior Preferred Stock Purchase Agreement” or “Agreement”). Under the Agreement, the U.S. Treasury pledged to provide up to \$200 billion per instrumentality as needed, including the contribution of cash capital to the instrumentalities in the event their liabilities exceed their assets. This was intended to ensure that the instrumentalities maintain a positive net worth and meet their financial obligations, preventing mandatory triggering of receivership. As a result of this Agreement, the investments of holders, including the Fund, of mortgage-backed securities and other obligations issued by the FNMA and Freddie Mac are protected.

On December 24, 2009, the U.S. Treasury amended the Agreement to allow the \$200 billion cap on the U.S. Treasury’s funding commitment to increase as necessary to accommodate any cumulative reduction in net worth over the next three years. On August 17, 2012, the U.S. Treasury announced the Third Amendment to the Agreement that recalibrated the calculation of the quarterly dividends that Freddie Mac pays to the U.S. Treasury which eliminated the need for Freddie Mac circularly to borrow from the U.S. Treasury only then to pay dividends back to the U.S. Treasury. The Third Amendment suspended the periodic commitment fee for so long as the dividend amounts were based on net worth. The Third Amendment also eliminated the requirement that Freddie Mac obtain the U.S. Treasury’s consent for asset dispositions with a fair market value (individually or in aggregate) of less than \$250 million, but required Freddie Mac to submit annual risk management plans to the U.S. Treasury. On December 21, 2017, a letter agreement between the U.S. Treasury and Freddie Mac changed the terms of the senior preferred stock certificates to permit Freddie Mac to retain a \$3 billion capital reserve, quarterly. On September 30, 2019, the U.S. Treasury and the Federal Housing Finance Agency (FHFA), acting as Conservator to Freddie Mac, announced amendments to the senior preferred stock certificates that will permit Freddie Mac to retain earnings beyond the \$3 billion capital reserves previously allowed through the letter agreements. Since January 6, 2014, FHFA has conducted an ongoing assessment of its obligations and statutory mandates in preparation for Freddie Mac’s eventual exit from conservatorship.

The total public debt of the United States as a percentage of gross domestic product has grown rapidly since the beginning of the 2008–2009 financial downturn. Although high debt levels do not necessarily indicate or cause economic problems, they may create certain systemic risks if sound debt management practices are not implemented. A high national debt can raise

concerns that the U.S. government will not be able to make principal or interest payments when they are due. This increase has also necessitated the need for the U.S. Congress to negotiate adjustments to the statutory debt limit to increase the cap on the amount the U.S. government is permitted to borrow to meet its existing obligations and finance current budget deficits. In August 2011, S&P lowered its long term sovereign credit rating of the U.S. In explaining the downgrade at that time, S&P cited, among other reasons, controversy over raising the statutory debt limit and growth in public spending. On August 2, 2019, following passage by Congress, the President of the United States signed the Bipartisan Budget Act of 2019, which suspends the statutory debt limit through July 31, 2021. Any controversy or ongoing uncertainty regarding the statutory debt ceiling negotiations may impact the U.S. long-term sovereign credit rating and may cause market uncertainty. As a result, market prices and yields of securities supported by the full faith and credit of the U.S. government may be adversely affected.

INVESTMENT RESTRICTIONS

The Trust has adopted the following investment restrictions as fundamental policies with respect to the Fund. These restrictions cannot be changed with respect to the Fund without the approval of the holders of a majority of the Fund's outstanding voting securities. For the purposes of the 1940 Act, a "majority of outstanding shares" means the vote of the lesser of: (1) 67% or more of the voting securities of the Fund present at the meeting if the holders of more than 50% of the Fund's outstanding voting securities are present or represented by proxy; or (2) more than 50% of the outstanding voting securities of the Fund.

Except with the approval of a majority of the outstanding voting securities, the Fund may not:

1. Borrow money or issue senior securities (as defined under the 1940 Act), except to the extent permitted under the 1940 Act.
2. Make loans, except to the extent permitted under the 1940 Act.
3. Purchase or sell real estate unless acquired as a result of ownership of securities or other instruments, except to the extent permitted under the 1940 Act. This shall not prevent the Fund from investing in securities or other instruments backed by real estate, real estate investment trusts ("REITs") or securities of companies engaged in the real estate business.
4. Purchase or sell commodities unless acquired as a result of ownership of securities or other instruments, except to the extent permitted under the 1940 Act. This shall not prevent the Fund from purchasing or selling options and futures contracts or from investing in securities or other instruments backed by physical commodities.
5. Underwrite securities issued by other persons, except to the extent permitted under the 1940 Act.
6. Concentrate its investments (*i.e.*, hold more than 25% of its total assets) in any industry or group of related industries. For purposes of this limitation, securities of the U.S. government (including its agencies and instrumentalities), repurchase agreements collateralized by U.S. government securities, registered investment companies, and tax-exempt securities of state or municipal governments and their political subdivisions are not considered to be issued by members of any industry.

In determining its compliance with the fundamental investment restriction on concentration, the Fund will look through to the underlying holdings of any affiliated investment company and will consider its entire investment in any investment company with a policy to concentrate, or having otherwise disclosed that it is concentrated, in a particular industry or group of related industries as being invested in such industry or group of related industries. Additionally, in determining its compliance with the fundamental investment restriction on concentration, the Fund will look through to the user or use of private activity municipal bonds to determine their industry.

In addition to the investment restrictions adopted as fundamental policies as set forth above, the Fund observes the following non-fundamental restriction, which may be changed without a shareholder vote:

1. Under normal circumstances, at least 80% of the Fund's net assets, plus borrowings for investment purposes, will be invested in (i) credit-related securities, or (ii) ETFs that invest, under normal circumstances, at least 80% of their net assets, plus borrowings for investment purposes, in credit-related securities. Credit-related securities include fixed-income securities, debt securities and loans and investments with economic characteristics similar to fixed-income securities, debt securities and loans. Such policy has been adopted as a non-fundamental investment policy and may be changed without shareholder approval upon 60 days' written notice to shareholders.

If a percentage limitation is adhered to at the time of investment or contract, a later increase or decrease in percentage resulting from any change in value or total or net assets will not result in a violation of such restriction, except that the percentage limitations with respect to the borrowing of money and illiquid securities will be observed continuously.

EXCHANGE LISTING AND TRADING

Shares are listed for trading and trade throughout the day on the Exchange.

There can be no assurance that the Fund will continue to meet the requirements of the Exchange necessary to maintain the listing of Shares. The Exchange may, but is not required to, remove Shares from the listing under any of the following circumstances: (1) the Exchange becomes aware that the Fund is no longer eligible to operate in reliance on Rule 6c-11 of the Investment Company Act of 1940; (2) the Fund no longer complies with the Exchange's requirements for Shares; or (3) such other event shall occur or condition shall exist that, in the opinion of the Exchange, makes further dealings on the Exchange inadvisable. The Exchange will remove the Shares from listing and trading upon termination of the Fund.

The Trust reserves the right to adjust the price levels of Shares in the future to help maintain convenient trading ranges for investors. Any adjustments would be accomplished through stock splits or reverse stock splits, which would have no effect on the net assets of the Fund.

MANAGEMENT OF THE TRUST

Board Responsibilities. The management and affairs of the Trust and its series are overseen by the Board, which elects the officers of the Trust who are responsible for administering the day-to-day operations of the Trust and the Fund. The Board has approved contracts, as described below, under which certain companies provide essential services to the Trust.

The day-to-day business of the Trust, including the management of risk, is performed by third-party service providers, such as the Adviser, the Distributor (defined below), and the Administrator (defined below). The Board is responsible for overseeing the Trust's service providers and, thus, has oversight responsibility with respect to risk management performed by those service providers. Risk management seeks to identify and address risks, i.e., events or circumstances that could have material adverse effects on the business, operations, shareholder services, investment performance, or reputation of the Fund. The Fund and its service providers employ a variety of processes, procedures, and controls to identify various of those possible events or circumstances, to lessen the probability of their occurrence and/or to mitigate the effects of such events or circumstances if they do occur. Each service provider is responsible for one or more discrete aspects of the Trust's business and, consequently, for managing the risks associated with that business. The Board has emphasized to the Fund's service providers the importance of maintaining vigorous risk management.

The Board's role in risk oversight begins before the inception of the Fund, at which time certain of the Fund's service providers present the Board with information concerning the investment objective, strategies, and risks of the Fund as well as proposed investment limitations for the Fund. Additionally, the Adviser provides the Board with an overview of, among other things, their investment philosophies, brokerage practices, and compliance infrastructures. Thereafter, the Board continues its oversight function as various personnel, including the Trust's Chief Compliance Officer and other service providers, such as the Fund's independent registered public accounting firm, make periodic reports to the Audit Committee or to the Board with respect to various aspects of risk management. The Board and the Audit Committee oversee efforts by management and service providers to manage risks to which the Fund may be exposed.

The Board is responsible for overseeing the nature, extent, and quality of the services provided to the Fund by the Adviser and receives information about those services at its regular meetings. In addition, on an annual basis (following the initial two-year period), in connection with its consideration of whether to renew the Investment Advisory Agreement with the Adviser, the Board or its designee may meet with the Adviser to review such services. Among other things, the Board regularly considers the Adviser's adherence to the Fund's investment restrictions and compliance with various Fund policies and procedures and with applicable securities regulations. The Board also reviews information about the Fund's performance and the nature of the Fund's investments.

The Trust's Chief Compliance Officer reports regularly to the Board to review and discuss compliance issues and Fund and Adviser risk assessments. At least annually, the Trust's Chief Compliance Officer provides the Board with a report reviewing the adequacy and effectiveness of the Trust's policies and procedures and those of its service providers, including the Adviser. The report addresses the operation of the policies and procedures of the Trust and each service provider since the date of the last report; any material changes to the policies and procedures since the date of the last report; any recommendations for material changes to the policies and procedures; and any material compliance matters since the date of the last report.

The Board receives reports from the Fund's service providers regarding operational risks and risks related to the valuation and liquidity of portfolio securities. Annually, the Fund's independent registered public accounting firm reviews with the Audit Committee its audit of the Fund's financial statements, focusing on major areas of risk encountered by the Fund and noting any significant deficiencies or material weaknesses in the Fund's internal controls. Additionally, in connection with its oversight function, the Board oversees Fund management's implementation of disclosure controls and procedures, which are

designed to ensure that information required to be disclosed by the Trust in its periodic reports with the SEC are recorded, processed, summarized, and reported within the required time periods. The Board also oversees the Trust’s internal controls over financial reporting, which comprise policies and procedures designed to provide reasonable assurance regarding the reliability of the Trust’s financial reporting and the preparation of the Trust’s financial statements.

From their review of these reports and discussions with the Adviser, the Chief Compliance Officer, the independent registered public accounting firm, and other service providers, the Board and the Audit Committee learn in detail about the material risks of the Fund, thereby facilitating a dialogue about how management and service providers identify and mitigate those risks.

The Board recognizes that not all risks that may affect the Fund can be identified and/or quantified, that it may not be practical or cost-effective to eliminate or mitigate certain risks, that it may be necessary to bear certain risks (such as investment-related risks) to achieve the Fund’s goals, and that the processes, procedures, and controls employed to address certain risks may be limited in their effectiveness. Moreover, reports received by the Board as to risk management matters are typically summaries of the relevant information. Most of the Fund’s investment management and business affairs are carried out by or through the Adviser and other service providers, each of which has an independent interest in risk management but whose policies and the methods by which one or more risk management functions are carried out may differ from the Fund’s and each other’s in the setting of priorities, the resources available, or the effectiveness of relevant controls. As a result of the foregoing and other factors, the Board’s ability to monitor and manage risk, as a practical matter, is subject to limitations.

Members of the Board. There are four members of the Board, three of whom are not interested persons of the Trust, as that term is defined in the 1940 Act (the “Independent Trustees”). Mr. Eric W. Falkeis serves as Chairman of the Board and is an interested person of the Trust.

The Board is composed of a majority (75 percent) of Independent Trustees. The Trust has determined its leadership structure is appropriate given the specific characteristics and circumstances of the Trust, despite there being no Lead Independent Trustee. The Trust made this determination in consideration of, among other things, the fact that the Independent Trustees of the Trust constitute a super majority of the Board, the number of Independent Trustees that constitute the Board, the amount of assets under management in the Trust, and the number of funds overseen by the Board. The Board also believes that its leadership structure facilitates the orderly and efficient flow of information to the Independent Trustees from Fund management.

Additional information about each Trustee of the Trust is set forth below. The address of each Trustee of the Trust is c/o Tidal ETF Trust, 898 N. Broadway, Suite 2, Massapequa, New York 11758.

Name and Year of Birth	Position Held with the Trust	Term of Office and Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During Past 5 Years
Independent Trustees ⁽¹⁾					
Mark H.W. Baltimore Born: 1967	Trustee	Indefinite term; since 2018	Co-Chief Executive Officer, Global Rhino, LLC (asset management consulting firm) (since 2018); Chief Business Development Officer, Joot (asset management compliance services firm) (since 2019); Chief Executive Officer, Global Sight, LLC (asset management distribution consulting firm) (2016-2018); Head of Global Distribution Services, Foreside Financial Group, LLC (broker-dealer) (2016); Managing Director, Head of Global Distribution Services, Beacon Hill Fund Services (broker-dealer) (2015–2016).	25	None

Name and Year of Birth	Position Held with the Trust	Term of Office and Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee During Past 5 Years
Dusko Culafic Born: 1958	Trustee	Indefinite term; since 2018	Retired (since 2018); Senior Operational Due Diligence Analyst, Aurora Investment Management, LLC (2012–2018).	25	None
Eduardo Mendoza Born: 1966	Trustee	Indefinite term; since 2018	Executive Vice President - Head of Capital Markets & Corporate Development, Credijusto (financial technology company) (since 2017); Founding Partner / Capital Markets & Head of Corporate Development, SQN Latina (specialty finance company) (2016–2017).	25	None
Interested Trustee					
Eric W. Falkeis ⁽²⁾ Born: 1973	President, Principal Executive Officer, Trustee, Chairman, and Secretary	President and Principal Executive Officer since 2019, Indefinite term; Trustee, Chairman, and Secretary since 2018, Indefinite term	Chief Executive Officer, Tidal ETF Services LLC (since 2018); Chief Operating Officer (and other positions), Rafferty Asset Management, LLC (2013–2018) and Direxion Advisors, LLC (2017–2018).	25	Independent Director, Muzinich BDC, Inc. (since 2019); Trustee, Professionally Managed Portfolios (28 series) (since 2011); Interested Trustee, Direxion Funds, Direxion Shares ETF Trust, and Direxion Insurance Trust (2014–2018).

(1) All Independent Trustees of the Trust are not “interested persons” of the Trust as defined under the 1940 Act (the “Independent Trustees”).

(2) Mr. Falkeis is considered an “interested person” of the Trust due to his positions as President, Principal Executive Officer, Chairman and Secretary of the Trust, and Chief Executive Officer of Tidal ETF Services LLC, an affiliate of the Adviser.

Individual Trustee Qualifications. The Trust has concluded that each of the Trustees should serve on the Board because of their ability to review and understand information about the series of the Trust provided to them by management, to identify and request other information they may deem relevant to the performance of their duties, to question management and other service providers regarding material factors bearing on the management and administration of the Trust, and to exercise their business judgment in a manner that serves the best interests of the shareholders of each series of the Trust. The Trust has concluded that each of the Trustees should serve as a Trustee based on his or her own experience, qualifications, attributes, and skills as described below.

The Trust has concluded that Mr. Baltimore should serve as a Trustee because of his substantial experience with the distribution of investment company securities and his experience with regulatory matters through his current position at Global Rhino, LLC and prior position at Global Sight, LLC, asset management distribution consulting firms, current position at Joot, an asset management compliance services firm, and his past experience with distribution activities at the parent company of the Trust’s Distributor (defined below). The Board believes Mr. Baltimore’s experience, qualifications, attributes, or skills, on an individual basis and in combination with those of the other Trustees, leads to the conclusion that he possesses the requisite skills and attributes as a Trustee to carry out oversight responsibilities with respect to the Trust.

The Trust has concluded that Mr. Culafic should serve as a Trustee because of his substantial experience with investment management operations and his experience with financial, accounting, investment, and regulatory matters through his former position as Senior Operational Due Diligence Analyst of Aurora Investment Management, LLC, a registered investment adviser. The Board believes Mr. Culafic's experience, qualifications, attributes, or skills, on an individual basis and in combination with those of the other Trustees, leads to the conclusion that he possesses the requisite skills and attributes as a Trustee to carry out oversight responsibilities with respect to the Trust.

The Trust has concluded that Mr. Mendoza should serve as a Trustee because of his substantial experience with credit markets and finance and his experience with financial, accounting, investment, and regulatory matters through his former positions as Managing Director (and other positions) of BMO Capital Markets, an investment bank. The Board believes Mr. Mendoza's experience, qualifications, attributes, or skills, on an individual basis and in combination with those of the other Trustees, leads to the conclusion that he possesses the requisite skills and attributes as a Trustee to carry out oversight responsibilities with respect to the Trust.

The Trust has concluded that Mr. Falkeis should serve as a Trustee because of his substantial investment company experience and his experience with financial, accounting, investment, and regulatory matters through his former position as Senior Vice President and Chief Financial Officer (and other positions) of U.S. Bancorp Fund Services, LLC, doing business as U.S. Bank Global Fund Services ("Global Fund Services" or the "Transfer Agent"), a full service provider to ETFs, mutual funds, and alternative investment products, from 1997 to 2013. In addition, he has experience consulting with investment advisors regarding the legal structure of mutual funds, distribution channel analysis, and actual distribution of those funds. Mr. Falkeis also has substantial managerial, operational, technological, and risk oversight related experience through his former position as Chief Operating Officer of the advisers to the Direxion mutual fund and ETF complex. The Board believes Mr. Falkeis' experience, qualifications, attributes, or skills on an individual basis and in combination with those of the other Trustees leads to the conclusion that he possesses the requisite skills and attributes as a Trustee to carry out oversight responsibilities with respect to the Trust.

In its periodic assessment of the effectiveness of the Board, the Board considers the complementary individual skills and experience of the individual Trustees primarily in the broader context of the Board's overall composition so that the Board, as a body, possesses the appropriate (and appropriately diverse) skills and experience to oversee the business of the Trust.

Board Committees. The Board has established the following standing committees of the Board:

Audit Committee. The Board has a standing Audit Committee that is composed of each of the Independent Trustees of the Trust and is chaired by an Independent Trustee. The Audit Committee chair presides at the Audit Committee meetings, participates in formulating agendas for Audit Committee meetings, and coordinates with management to serve as a liaison between the Independent Trustees and management on matters within the scope of responsibilities of the Audit Committee as set forth in its Board-approved written charter. The principal responsibilities of the Audit Committee include overseeing the Trust's accounting and financial reporting policies and practices and its internal controls; overseeing the quality, objectivity and integrity of the Trust's financial statements and the independent audits thereof; monitoring the independent auditor's qualifications, independence, and performance; acting as a liaison between the Trust's independent auditors and the full Board; pre-approving all auditing services to be performed for the Trust; reviewing the compensation and overseeing the work of the independent auditor (including resolution of disagreements between management and the independent auditor regarding financial reporting) for the purpose of preparing or issuing an audit report or related work; pre-approving all permitted non-audit services (including the fees and terms thereof) to be performed for the Trust; pre-approving all permitted non-audit services to be performed for any investment adviser or sub-adviser to the Trust by any of the Trust's independent auditors if the engagement relates directly to the operations and financial reporting of the Trust; meeting with the Trust's independent auditors as necessary to (1) review the arrangement for and scope of the annual audits and any special audits, (2) discuss any matters of concern relating to the Fund's financial statements, (3) consider the independent auditors' comments with respect to the Trust's financial policies, procedures and internal accounting controls and Trust management's responses thereto, and (4) review the form of opinion the independent auditors propose to render to the Board and the Fund's shareholders; discussing with management and the independent auditor significant financial reporting issues and judgments made in connection with the preparation of the Fund's financial statements; and reviewing and discussing reports from the independent auditors on (1) all critical accounting policies and practices to be used, (2) all alternative treatments within generally accepted accounting principles for policies and practices related to material items that have been discussed with management, (3) other material written communications between the independent auditor and management, including any management letter, schedule of unadjusted differences, or management representation letter, and (4) all non-audit services provided to any entity in the Trust that were not pre-approved by the Committee; and reviewing disclosures made to the Committee by the Trust's principal executive officer and principal accounting officer during their certification process for the Fund's Form N-CSR. As of the date of this SAI, the Audit Committee met one time with respect to the Fund.

Nominating Committee. The Board has a standing Nominating Committee that is composed of each of the Independent Trustees of the Trust. The Nominating Committee operates under a written charter approved by the Board. The principal responsibility of the Nominating Committee is to identify, evaluate, and recommend candidates to fill vacancies on the Trust’s Board, if any. The Nominating Committee generally will not consider nominees recommended by shareholders. The Nominating Committee meets periodically, as necessary, but at least annually in November.

Valuation Committee. The Board has delegated day-to-day valuation issues to a Valuation Committee that is composed of Messrs. Falkeis and Carlson. Mr. Carlson is the Chief Financial Officer, Chief Compliance Officer, and a Managing Member of the Adviser. Although the Valuation Committee is not a committee of the Board (i.e., committee members need not be a Trustee), the Valuation Committee’s membership is appointed by the Board and its charter and applicable procedures are approved by the Board. The function of the Valuation Committee is to value securities held by any series of the Trust for which current and reliable market quotations are not readily available. Such securities are valued at their respective fair values as determined in good faith by the Valuation Committee and the actions of the Valuation Committee are subsequently reviewed and ratified by the Board. The Valuation Committee meets as necessary.

Principal Officers of the Trust

The officers of the Trust conduct and supervise its daily business. The address of each officer of the Trust is c/o Tidal ETF Trust, 898 N. Broadway, Suite 2, Massapequa, New York 11758, unless otherwise indicated. Additional information about the Trust’s officers is as follows:

Name and Year of Birth	Position(s) Held with the Trust	Term of Office and Length of Time Served	Principal Occupation(s) During Past 5 Years
Eric W. Falkeis ⁽¹⁾ Born: 1973	President, Principal Executive Officer, Interested Trustee, Chairman, and Secretary	President and Principal Executive Officer since 2019, Indefinite term; Interested Trustee, Chairman, and Secretary since 2018, Indefinite term	Chief Executive Officer, Tidal ETF Services LLC (since 2018); Chief Operating Officer (and other positions), Rafferty Asset Management, LLC (2013–2018) and Direxion Advisors, LLC (2017–2018).
Daniel H. Carlson Born: 1955	Treasurer, Principal Financial Officer, Principal Accounting Officer, and AML Compliance Officer	Indefinite term; since 2018	Chief Financial Officer, Chief Compliance Officer, and Managing Member, Toroso Investments, LLC (since 2012).
Bridget P. Garcia, Esq. c/o Cipperman Compliance Services, LLC 480 E. Swedesford Road, Suite 220 Wayne, Pennsylvania 19087 Born: 1985	Chief Compliance Officer	Indefinite term; since 2018	Compliance Manager, Cipperman Compliance Services, LLC (since 2017); Senior Associate, Central Compliance - Risk Management Group (2016-2017), Client Services Associate (2014-2016), Macquarie Group (global financial services firm).
Aaron J. Perkovich c/o U.S. Bancorp Fund Services, LLC 615 East Michigan Street Milwaukee, Wisconsin 53202 Born: 1973	Assistant Treasurer	Indefinite term; since 2018	Vice President, U.S. Bancorp Fund Services, LLC (since 2006).
Cory R. Akers c/o U.S. Bancorp Fund Services, LLC 615 East Michigan Street Milwaukee, Wisconsin 53202 Born: 1978	Assistant Secretary	Indefinite term; since 2019	Assistant Vice President, U.S. Bancorp Fund Services, LLC (since 2006).

(1) Mr. Falkeis is considered an “interested person” of the Trust due to his positions as President, Principal Executive Officer, Chairman and Secretary of the Trust, and Chief Executive Officer of Tidal ETF Services LLC, an affiliate of the Adviser.

Trustee Ownership of Shares. The Fund is required to show the dollar amount ranges of each Trustee’s “beneficial ownership” of Shares and each other series of the Trust as of the end of the most recently completed calendar year. Dollar amount ranges disclosed are established by the SEC. “Beneficial ownership” is determined in accordance with Rule 16a-1(a)(2) under the Securities Exchange Act of 1934, as amended (the “1934 Act”).

As of December 31, 2020, Mr. Falkeis beneficially owned shares of certain series of the Trust as follows, and no other Trustee owned shares of any series of the Trust:

Trustee	Dollar Range of Shares Owned in the Fund	Aggregate Dollar Range of Shares of Series of the Trust
Eric W. Falkeis	None	Over \$100,000

As of December 31, 2020, neither the Independent Trustees nor members of their immediate family, owned securities beneficially or of record in the Adviser, the Distributor (as defined below), or an affiliate of the Adviser or Distributor. Accordingly, neither the Independent Trustees nor members of their immediate family, have direct or indirect interest, the value of which exceeds \$120,000, in the Adviser, the Distributor or any of their affiliates. In addition, during the two most recently completed calendar years, neither the Independent Trustees nor members of their immediate families have conducted any transactions (or series of transactions) in which the amount involved exceeds \$120,000 and to which the Adviser, the Distributor or any affiliate thereof was a party.

Board Compensation. The Independent Trustees each receive \$10,000 for each regular quarterly meeting attended, \$5,000 for each special meeting attended, and \$1,000 for each telephonic audit committee meeting attended, as well as reimbursement for travel and other out-of-pocket expenses incurred in connection with serving as a Trustee. The Trust has no pension or retirement plan.

The following table shows the compensation estimated to be earned by each Trustee for the Fund’s current fiscal year ending August 31, 2021. Independent Trustee fees are paid by the Adviser or sub-adviser (for series that are sub-advised) to each series of the Trust and not by the Fund. Trustee compensation shown below does not include reimbursed out-of-pocket expenses in connection with attendance at meetings.

Name	Aggregate Compensation From Fund	Total Compensation From Fund Complex Paid to Trustees ⁽¹⁾
Interested Trustees		
Eric W. Falkeis	\$0	\$0
Independent Trustees		
Mark H.W. Baltimore	\$0	\$53,500
Dusko Culafic	\$0	\$53,500
Eduardo Mendoza	\$0	\$53,500

⁽¹⁾ There are currently twenty-four other portfolios comprising the Fund complex.

PRINCIPAL SHAREHOLDERS, CONTROL PERSONS AND MANAGEMENT OWNERSHIP

A principal shareholder is any person who owns of record or beneficially 5% or more of the outstanding Shares. A control person is a shareholder that owns beneficially or through controlled companies more than 25% of the voting securities of a company or acknowledges the existence of control. Shareholders owning voting securities in excess of 25% may determine the outcome of any matter affecting and voted on by shareholders of the Fund.

As of the date of this SAI, the Fund had not yet commenced operations and no Shares were outstanding.

CODES OF ETHICS

The Trust and the Adviser have each adopted codes of ethics pursuant to Rule 17j-1 of the 1940 Act. These codes of ethics are designed to prevent affiliated persons of the Trust and the Adviser from engaging in deceptive, manipulative, or fraudulent activities in connection with securities held or to be acquired by the Fund (which may also be held by persons subject to the codes of ethics). Each code of ethics permits personnel subject to that code of ethics to invest in securities for their personal investment accounts, subject to certain limitations, including limitations related to securities that may be purchased or held by the Fund. The Distributor (as defined below) relies on the principal underwriters exception under Rule 17j-1(c)(3), specifically where the Distributor is not affiliated with the Trust or the Adviser, and no officer, director, or general partner of the Distributor serves as an officer, director, or general partner of the Trust or the Adviser.

There can be no assurance that the codes of ethics will be effective in preventing such activities. Each code of ethics may be found on the SEC's website at <http://www.sec.gov>.

PROXY VOTING POLICIES

The Fund has delegated proxy voting responsibilities to the Adviser, subject to the Board's oversight. In delegating proxy responsibilities, the Board has directed that proxies be voted consistent with the Fund's and its shareholders' best interests and in compliance with all applicable proxy voting rules and regulations. The Adviser has adopted proxy voting policies and guidelines for this purpose ("Proxy Voting Policies"), which have been adopted by the Trust as the policies and procedures that are used when voting proxies on behalf of the Fund.

In the absence of a conflict of interest, the Adviser will generally vote "for" routine proposals, such as the election of directors, approval of auditors, and amendments or revisions to corporate documents to eliminate outdated or unnecessary provisions. Unusual or disputed proposals will be reviewed and voted on a case-by-case basis. The Proxy Voting Policies address, among other things, material conflicts of interest that may arise between the interests of the Fund and the interests of the Adviser. The Proxy Voting Policies will ensure that all issues brought to shareholders are analyzed in light of the Adviser's fiduciary responsibilities.

The Trust's Chief Compliance Officer is responsible for monitoring the effectiveness of the Proxy Voting Policies.

When available, information on how the Fund voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 will be available (1) without charge, upon request, by calling 855-ATACFUND or (2) on the SEC's website at www.sec.gov.

INVESTMENT ADVISER

Toroso Investments, LLC, 898 N. Broadway, Suite 2, Massapequa, New York 11758, serves as investment adviser to the Fund and has overall responsibility for the general management and administration of the Fund.

Pursuant to the Investment Advisory Agreement (the "Advisory Agreement"), the Adviser provides investment advice to the Fund and oversees the day-to-day operations of the Fund, subject to the direction and control of the Board. Under the Advisory Agreement, the Adviser is also responsible for arranging sub-advisory, transfer agency, custody, fund administration and accounting, and other related services necessary for the Fund to operate. The Adviser administers the Fund's business affairs, provides office facilities and equipment and certain clerical, bookkeeping, and administrative services. Under the Advisory Agreement, in exchange for a single unitary management fee from the Fund, the Adviser has agreed to pay all expenses incurred by the Fund except for the Excluded Expenses, as defined in the Prospectus. For the services provided to the Fund, the Fund pays the Adviser a unified management fee, which is calculated daily and paid monthly, at an annual rate of 1.25% of the Fund's average daily net assets. The Adviser has agreed to reduce its unitary management fee to 0.98% of the Fund's average daily net assets through at least December 31, 2022. To the extent the Fund incurs Excluded Expenses, Total Annual Fund Operating Expenses After Fee Waiver is greater than 0.98%. This agreement may be terminated only by, or with the consent of, the Fund's Board of Trustees, on behalf of the Fund, upon sixty (60) days' written notice to the Adviser. This Agreement may not be terminated by the Adviser without the consent of the Board of Trustees.

The Advisory Agreement with respect to the Fund will continue in force for an initial period of two years. Thereafter, the Advisory Agreement will be renewable from year to year with respect to the Fund, so long as its continuance is approved at least annually (1) by the vote, cast in person (or in another manner permitted by the 1940 Act or pursuant to exemptive relief therefrom) at a meeting called for that purpose, of a majority of those Trustees who are not "interested persons" of the Adviser or the Trust; and (2) by the majority vote of either the full Board or the vote of a majority of the outstanding Shares. The Advisory Agreement automatically terminates on assignment and is terminable on a 60-day written notice either by the Trust or the Adviser.

The Adviser shall not be liable to the Trust or any shareholder for anything done or omitted by it, except acts or omissions involving willful misfeasance, bad faith, gross negligence, or reckless disregard of the duties imposed upon it by its agreement with the Trust or for any losses that may be sustained in the purchase, holding, or sale of any security.

The Fund is new, and the Fund has not paid fees to the Adviser as of the date of this SAI.

PORTFOLIO MANAGERS

The Fund has been managed by Michael Venuto, Chief Investment Officer for the Adviser, and Michael Gayed, CFA, Portfolio Manager for the Adviser, since its inception in July 2021.

Other Accounts. In addition to the Fund, the portfolio managers managed the following other accounts as of May 31, 2021:

Michael Venuto

Type of Accounts	Total Number of Accounts	Total Assets of Accounts	Total Number of Accounts Subject to a Performance-Based Fee	Total Assets of Accounts Subject to a Performance-Based Fee
Registered Investment Companies	27	\$4.7 billion	0	\$0
Other Pooled Investment Vehicles	0	\$0	0	\$0
Other Accounts	554	\$288 million	0	\$0

Michael Gayed, CFA

Type of Accounts	Total Number of Accounts	Total Assets of Accounts	Accounts Subject to a Performance-Based Fee	Total Assets of Accounts Subject to a Performance-Based Fee
Registered Investment Companies	2	\$325 million	0	\$0
Other Pooled Investment Vehicles	0	\$0	0	\$0
Other Accounts	0	\$0	0	\$0

Portfolio Manager Fund Ownership. The Fund is required to show the dollar range of each portfolio manager’s “beneficial ownership” of Shares as of the end of the most recently completed fiscal year. Dollar amount ranges disclosed are established by the SEC. “Beneficial ownership” is determined in accordance with Rule 16a-1(a)(2) under the 1934 Act. As of the date of this SAI, the Fund had not yet commenced operations and no Shares were owned by the portfolio managers.

Portfolio Manager Compensation. Mr. Gayed is compensated by the Adviser with a base salary and a profit-sharing plan from the Adviser. He does not receive compensation directly from the Fund for his role as a Portfolio Manager. Mr. Venuto is compensated by the Adviser with a base salary. He is an equity owner of the Adviser and therefore benefits indirectly from the revenue generated from the Fund’s Advisory Agreement with the Adviser.

Description of Material Conflicts of Interest. The portfolio managers’ management of “other accounts” may give rise to potential conflicts of interest in connection with their management of the Fund’s investments, on the one hand, and the investments of the other accounts, on the other. The other accounts may have similar investment objectives or strategies as the Fund. A potential conflict of interest may arise as a result, whereby a portfolio manager could favor one account over another. Another potential conflict could include a portfolio manager’s knowledge about the size, timing, and possible market impact of Fund trades, whereby a portfolio manager could use this information to the advantage of other accounts and to the disadvantage of the Fund. However, the Adviser has established policies and procedures to ensure that the purchase and sale of securities among all accounts the firm manages are fairly and equitably allocated.

THE DISTRIBUTOR

The Trust and Foreside Fund Services, LLC (the “Distributor”) are parties to a distribution agreement (“Distribution Agreement”), whereby the Distributor acts as principal underwriter for the Fund and distributes Shares on a best efforts basis. Shares are continuously offered for sale by the Distributor only in Creation Units. The Distributor will not distribute Shares in amounts less than a Creation Unit and does not maintain a secondary market in Shares. The principal business address of the Distributor is Three Canal Plaza, Suite 100, Portland, Maine 04101.

Under the Distribution Agreement, the Distributor, as agent for the Trust, will review orders for the purchase and redemption of Creation Units, provided that any subscriptions and orders will not be binding on the Trust until accepted by the Trust. The Distributor is a broker-dealer registered under the 1934 Act and a member of FINRA.

The Distributor may also enter into agreements with securities dealers (“Soliciting Dealers”) who will solicit purchases of Creation Units of Shares. Such Soliciting Dealers may also be Authorized Participants (as discussed in “Procedures for Purchase of Creation Units” below) or DTC participants (as defined below).

The Distribution Agreement will continue for two years from its effective date and is renewable annually thereafter. The continuance of the Distribution Agreement must be specifically approved at least annually (1) by the vote of the Trustees or

by a vote of the shareholders of the Fund and (2) by the vote of a majority of the Independent Trustees who have no direct or indirect financial interest in the operations of the Distribution Agreement or any related agreement, cast in person (or in another manner permitted by the 1940 Act or pursuant to exemptive relief therefrom) at a meeting called for the purpose of voting on such approval. The Distribution Agreement is terminable without penalty by the Trust on 60 days' written notice when authorized either by majority vote of its outstanding voting Shares or by a vote of a majority of its Board (including a majority of the Independent Trustees), or by the Distributor on 60 days' written notice, and will automatically terminate in the event of its assignment. The Distribution Agreement provides that, in the absence of willful misfeasance, bad faith, or gross negligence on the part of the Distributor, or reckless disregard by it of its obligations thereunder, the Distributor shall not be liable for any action or failure to act in accordance with its duties thereunder.

The Fund is new and the Fund has not incurred any underwriting commissions and the Distributor has not retained any amounts as of the date of this SAI.

Intermediary Compensation. The Adviser or its affiliates, out of their own resources and not out of Fund assets (i.e., without additional cost to the Fund or its shareholders), may pay certain broker dealers, banks, and other financial intermediaries ("Intermediaries") for certain activities related to the Fund, including participation in activities that are designed to make Intermediaries more knowledgeable about exchange-traded products, including the Fund, or for other activities, such as marketing and educational training or support. These arrangements are not financed by the Fund and, thus, do not result in increased Fund expenses. They are not reflected in the fees and expenses listed in the fees and expenses sections of the Fund's Prospectus and they do not change the price paid by investors for the purchase of Shares or the amount received by a shareholder as proceeds from the redemption of Shares.

Such compensation may be paid to Intermediaries that provide services to the Fund, including marketing and education support (such as through conferences, webinars, and printed communications). The Adviser will periodically assess the advisability of continuing to make these payments. Payments to an Intermediary may be significant to the Intermediary, and amounts that Intermediaries pay to your adviser, broker, or other investment professional, if any, may also be significant to such adviser, broker, or investment professional. Because an Intermediary may make decisions about what investment options it will make available or recommend, and what services to provide in connection with various products, based on payments it receives or is eligible to receive, such payments create conflicts of interest between the Intermediary and its clients. For example, these financial incentives may cause the Intermediary to recommend the Fund over other investments. The same conflict of interest exists with respect to your financial adviser, broker, or investment professional if they receive similar payments from their Intermediary firm.

Intermediary information is current only as of the date of this SAI. Please contact your adviser, broker, or other investment professional for more information regarding any payments their Intermediary firm may receive. Any payments made by the Adviser or their affiliates to an Intermediary may create the incentive for an Intermediary to encourage customers to buy Shares.

If you have any additional questions, please call 855-ATACFUND.

Distribution (Rule 12b-1) Plan. The Trust has adopted a Distribution (Rule 12b-1) Plan (the "Plan") in accordance with the provisions of Rule 12b-1 under the 1940 Act. No payments pursuant to the Plan are expected to be made during the twelve (12) month period from the date of this SAI. Rule 12b-1 fees to be paid by the Fund under the Plan may only be imposed after approval by the Board.

Continuance of the Plan must be approved annually by a majority of the Trustees of the Trust and by a majority of the Trustees who are not interested persons (as defined in the 1940 Act) of the Trust and have no direct or indirect financial interest in the Plan or in any agreements related to the Plan ("Disinterested Trustees"). The Plan may be continued from year-to-year only if the Board, including a majority of the Disinterested Trustees, concludes at least annually that continuation of the Plan is likely to benefit shareholders. The Board has determined that the Plan is likely to benefit the Fund by providing an incentive for brokers, dealers, and other financial intermediaries to engage in sales and marketing efforts on behalf of the Fund and to provide enhanced services to shareholders. The Board also determined that the Plan may enhance the Fund's ability to sell shares and access important distribution channels.

The Plan requires that quarterly written reports of amounts spent under the Plan and the purposes of such expenditures be furnished to and reviewed by the Trustees. The Plan may not be amended to increase materially the amount that may be spent thereunder without approval by a majority of the outstanding Shares. All material amendments of the Plan will require approval by a majority of the Trustees of the Trust and of the Disinterested Trustees.

The Plan provides that the Fund pays the Distributor an annual fee of up to a maximum of 0.25% of the average daily net assets of the Shares. Under the Plan, the Distributor may make payments pursuant to written agreements to financial institutions and intermediaries such as banks, savings and loan associations, and insurance companies including, without

limit, investment counselors, broker-dealers, and the Distributor's affiliates and subsidiaries (collectively, "Agents") as compensation for services and reimbursement of expenses incurred in connection with distribution assistance. The Plan is characterized as a compensation plan since the distribution fee will be paid to the Distributor without regard to the distribution expenses incurred by the Distributor or the amount of payments made to other financial institutions and intermediaries. The Trust intends to operate the Plan in accordance with its terms and with FINRA rules concerning sales charges.

Under the Plan, subject to the limitations of applicable law and regulations, the Fund is authorized to compensate the Distributor up to the maximum amount to finance any activity primarily intended to result in the sale of Creation Units of the Fund or for providing, or arranging for others to provide, shareholder services and for the maintenance of shareholder accounts. Such activities may include, but are not limited to: (1) delivering copies of the Fund's then current reports, prospectuses, notices, and similar materials, to prospective purchasers of Creation Units; (2) marketing and promotional services, including advertising; (3) paying the costs of and compensating others, including Authorized Participants with whom the Distributor has entered into written Authorized Participant Agreements, for performing shareholder servicing on behalf of the Fund; (4) compensating certain Authorized Participants for providing assistance in distributing the Creation Units of the Fund, including the travel and communication expenses and salaries and/or commissions of sales personnel in connection with the distribution of the Creation Units of the Fund; (5) payments to financial institutions and intermediaries such as banks, savings and loan associations, insurance companies, and investment counselors, broker-dealers, mutual fund supermarkets, and the affiliates and subsidiaries of the Trust's service providers as compensation for services or reimbursement of expenses incurred in connection with distribution assistance; (6) facilitating communications with beneficial owners of Shares, including the cost of providing, or paying others to provide, services to beneficial owners of Shares, including, but not limited to, assistance in answering inquiries related to Shareholder accounts; and (7) such other services and obligations as are set forth in the Distribution Agreement.

ADMINISTRATOR

Tidal ETF Services LLC ("Tidal" or the "Administrator"), an affiliate of the Adviser, serves as the Fund's administrator. Tidal is located at 898 N. Broadway, Suite 2, Massapequa, New York 11758. Pursuant to a Fund Administration Servicing Agreement between the Trust and Tidal, Tidal provides the Trust with, or arranges for, administrative and management services (other than investment advisory services) to be provided to the Trust and the Board. Pursuant to the Fund Administration Servicing Agreement, officers or employees of Tidal serve as the Trust's principal executive officer and principal financial officer, Tidal coordinates the payment of Fund-related expenses, and Tidal manages the Trust's relationships with its various service providers. As compensation for the services it provides, Tidal receives a fee based on the Fund's average daily net assets, subject to a minimum annual fee. Tidal also is entitled to certain out-of-pocket expenses for the services mentioned above.

The Fund is new and Tidal has not received any fees for administrative services to the Fund as of the date of this SAI.

SUB-ADMINISTRATOR AND TRANSFER AGENT

Global Fund Services, located at 615 East Michigan Street, Milwaukee, Wisconsin 53202, serves as the Fund's sub-administrator and transfer agent.

Pursuant to a Fund Sub-Administration Servicing Agreement and a Fund Accounting Servicing Agreement between the Trust and Global Fund Services, Global Fund Services provides the Trust with administrative and management services (other than investment advisory services) and accounting services, including portfolio accounting services, tax accounting services, and furnishing financial reports. In this capacity, Global Fund Services does not have any responsibility or authority for the management of the Fund, the determination of investment policy, or for any matter pertaining to the distribution of Shares. As compensation for the administration, accounting and management services, the Adviser pays Global Fund Services a fee based on the Fund's average daily net assets, subject to a minimum annual fee. Global Fund Services also is entitled to certain out-of-pocket expenses for the services mentioned above, including pricing expenses.

The Fund is new and Global Fund Services has not received any fees for sub-administrative services to the Fund as of the date of this SAI.

CUSTODIAN

Pursuant to a Custody Agreement, U.S. Bank National Association ("U.S. Bank"), 1555 North Rivercenter Drive, Milwaukee, Wisconsin 53212, serves as the custodian (the "Custodian") of the Fund's assets. U.S. Bank is the parent company of Global Fund Services. The Custodian holds and administers the assets in the Fund's portfolio. Pursuant to the Custody Agreement, the Custodian receives an annual fee from the Adviser based on the Trust's total average daily net

assets, subject to a minimum annual fee, and certain settlement charges. The Custodian also is entitled to certain out-of-pocket expenses.

COMPLIANCE SERVICES ADMINISTRATOR

The Trust has entered into a compliance services arrangement with Cipperman Compliance Services, LLC (“Cipperman”), located at 480 E. Swedesford Road, Suite 300, Wayne, Pennsylvania 19087, pursuant to which Bridget P. Garcia, an employee of Cipperman, serves as the Trust’s Chief Compliance Officer. The Trust’s Chief Compliance Officer will prepare and update the Trust’s compliance policies and procedures and monitor and test compliance with such policies and procedures.

LEGAL COUNSEL

Godfrey & Kahn, S.C., located at 833 East Michigan Street, Suite 1800, Milwaukee, Wisconsin 53202, serves as legal counsel for the Trust and the Independent Trustees.

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Tait, Weller & Baker LLP, located at Two Liberty Place, 50 South 16th Street, Philadelphia, Pennsylvania 19102, serves as the independent registered public accounting firm for the Fund.

PORTFOLIO HOLDINGS DISCLOSURE POLICIES AND PROCEDURES

The Board has adopted a policy regarding the disclosure of information about the Fund’s security holdings. The Fund’s entire portfolio holdings are publicly disseminated each day the Fund is open for business and through financial reporting and news services including publicly available internet web sites. In addition, the composition of the Deposit Securities is publicly disseminated daily prior to the opening of the Exchange via the National Securities Clearing Corporation (“NSCC”).

DESCRIPTION OF SHARES

The Declaration of Trust authorizes the issuance of an unlimited number of funds and shares. Each share represents an equal proportionate interest in the Fund with each other share. Shares are entitled upon liquidation to a pro rata share in the net assets of the Fund. Shareholders have no preemptive rights. The Declaration of Trust provides that the Trustees may create additional series or classes of shares. All consideration received by the Trust for shares of any additional funds and all assets in which such consideration is invested would belong to that fund and would be subject to the liabilities related thereto. Share certificates representing Shares will not be issued. Shares, when issued, are fully paid and non-assessable.

Each Share has one vote with respect to matters upon which a shareholder vote is required, consistent with the requirements of the 1940 Act and the rules promulgated thereunder. Shares of all funds in the Trust vote together as a single class, except that if the matter being voted on affects only a particular fund it will be voted on only by that fund and if a matter affects a particular fund differently from other funds, that fund will vote separately on such matter. As a Delaware statutory trust, the Trust is not required, and does not intend, to hold annual meetings of shareholders. Approval of shareholders will be sought, however, for certain changes in the operation of the Trust and for the election of Trustees under certain circumstances. The Trust will call for a meeting of shareholders to consider the removal of one or more Trustees and other certain matters upon the written request of shareholders holding at least a majority of the outstanding shares of the Trust entitled to vote at such meeting. In the event that such a meeting is requested, the Trust will provide appropriate assistance and information to the shareholders requesting the meeting.

Under the Declaration of Trust, the Trustees have the power to liquidate the Fund without shareholder approval. While the Trustees have no present intention of exercising this power, they may do so if the Fund fails to reach a viable size within a reasonable amount of time or for such other reasons as may be determined by the Board.

LIMITATION OF TRUSTEES’ LIABILITY

The Declaration of Trust provides that a Trustee shall be liable only for his or her own willful misfeasance, bad faith, gross negligence, or reckless disregard of the duties involved in the conduct of the office of Trustee, and shall not be liable for errors of judgment or mistakes of fact or law. The Declaration of Trust also provides that the Trust shall indemnify each person who is, or has been, a Trustee, officer, employee, or agent of the Trust, and, upon due approval of the Trustees, any person who is serving or has served at the Trust’s request as a director, officer, partner, trustee, employee, agent, or fiduciary of another organization with respect to any alleged acts or omissions while acting within the scope of his or her service in such a position. However, nothing in the Declaration of Trust shall protect or indemnify a Trustee against any liability for a Trustee’s willful misfeasance, bad faith, gross negligence, or reckless disregard of the duties involved in the conduct of the office of Trustee. Nothing contained in this section attempts to disclaim a Trustee’s individual liability in any manner inconsistent with the federal securities laws.

BROKERAGE TRANSACTIONS

The policy of the Trust regarding purchases and sales of securities for the Fund is that primary consideration will be given to obtaining the most favorable prices and efficient executions of transactions. Consistent with this policy, when securities transactions are effected on a stock exchange, the Trust's policy is to pay commissions which are considered fair and reasonable without necessarily determining that the lowest possible commissions are paid in all circumstances. The Trust believes that a requirement always to seek the lowest possible commission cost could impede effective portfolio management and preclude the Fund and the Adviser from obtaining a high quality of brokerage and research services. In seeking to determine the reasonableness of brokerage commissions paid in any transaction, the Adviser will rely upon its experience and knowledge regarding commissions generally charged by various brokers and on its judgment in evaluating the brokerage services received from the broker effecting the transaction. Such determinations are necessarily subjective and imprecise, as in most cases, an exact dollar value for those services is not ascertainable. The Trust has adopted policies and procedures that prohibit the consideration of sales of Shares as a factor in the selection of a broker or dealer to execute its portfolio transactions.

The Adviser owes a fiduciary duty to its clients to seek to provide best execution on trades effected. In selecting a broker/dealer for each specific transaction, the Adviser chooses the broker/dealer deemed most capable of providing the services necessary to obtain the most favorable execution. "Best execution" is generally understood to mean the most favorable cost or net proceeds reasonably obtainable under the circumstances. The full range of brokerage services applicable to a particular transaction may be considered when making this judgment, which may include, but is not limited to liquidity, price, commission, timing, aggregated trades, capable floor brokers or traders, competent block trading coverage, ability to position, capital strength and stability, reliable and accurate communications and settlement processing, use of automation, knowledge of other buyers or sellers, arbitrage skills, administrative ability, underwriting, and provision of information on a particular security or market in which the transaction is to occur. The specific criteria will vary depending upon the nature of the transaction, the market in which it is executed, and the extent to which it is possible to select from among multiple broker/dealers. The Adviser will also use electronic crossing networks ("ECNs") when appropriate.

Subject to the foregoing policies, brokers or dealers selected to execute the Fund's portfolio transactions may include the Fund's Authorized Participants (as discussed in "Purchase and Redemption of Shares in Creation Units — Procedures for Purchase of Creation Units" below) or their affiliates. An Authorized Participant or its affiliates may be selected to execute the Fund's portfolio transactions in conjunction with an all-cash Creation Unit order or an order including "cash-in-lieu" (as described below under "Purchase and Redemption of Shares in Creation Units"), so long as such selection is in keeping with the foregoing policies. As described below under "Purchase and Redemption of Shares in Creation Units — Creation Transaction Fee" and " — Redemption Transaction Fee", the Fund may determine to not charge a variable fee on certain orders when the Adviser has determined that doing so is in the best interests of Fund shareholders, even if the decision to not charge a variable fee could be viewed as benefiting the Authorized Participant or its affiliate selected to execute the Fund's portfolio transactions in connection with such orders.

The Adviser may use the Fund's assets for, or participate in, third-party soft dollar arrangements, in addition to receiving proprietary research from various full-service brokers, the cost of which is bundled with the cost of the broker's execution services. The Adviser does not "pay up" for the value of any such proprietary research. Section 28(e) of the 1934 Act permits the Adviser, under certain circumstances, to cause the Fund to pay a broker or dealer a commission for effecting a transaction in excess of the amount of commission another broker or dealer would have charged for effecting the transaction in recognition of the value of brokerage and research services provided by the broker or dealer. The Adviser may receive a variety of research services and information on many topics, which it can use in connection with its management responsibilities with respect to the various accounts over which it exercises investment discretion or otherwise provides investment advice. The research services may include qualifying order management systems, portfolio attribution and monitoring services, and computer software and access charges which are directly related to investment research.

Accordingly, the Fund may pay a broker commission higher than the lowest available in recognition of the broker's provision of such services to the Adviser, but only if the Adviser determines the total commission (including the soft dollar benefit) is comparable to the best commission rate that could be expected to be received from other brokers. The amount of soft dollar benefits received depends on the amount of brokerage transactions effected with the brokers. A conflict of interest exists because there is an incentive to (1) cause clients to pay a higher commission than the firm might otherwise be able to negotiate, (2) cause clients to engage in more securities transactions than would otherwise be optimal, and (3) only recommend brokers that provide soft dollar benefits.

The Adviser faces a potential conflict of interest when it uses client trades to obtain brokerage or research services. This conflict exists because the Adviser can use the brokerage or research services to manage client accounts without paying cash for such services, which reduces the Adviser's expenses to the extent that the Adviser would have purchased such products

had they not been provided by brokers. Section 28(e) permits the Adviser to use brokerage or research services for the benefit of any account it manages. Certain accounts managed by the Adviser may generate soft dollars used to purchase brokerage or research services that ultimately benefit other accounts managed by the Adviser, effectively cross subsidizing the other accounts managed by the Adviser that benefit directly from the product. The Adviser may not necessarily use all of the brokerage or research services in connection with managing the Fund whose trades generated the soft dollars used to purchase such products.

The Adviser is responsible, subject to oversight by the Board, for placing orders on behalf of the Fund for the purchase or sale of portfolio securities. If purchases or sales of portfolio securities of the Fund and one or more other investment companies or clients supervised by the Adviser are considered at or about the same time, transactions in such securities are allocated among the several investment companies and clients in a manner deemed equitable and consistent with its fiduciary obligations to all by the Adviser. In some cases, this procedure could have a detrimental effect on the price or volume of the security so far as the Fund is concerned. However, in other cases, it is possible that the ability to participate in volume transactions and to negotiate lower brokerage commissions will be beneficial to the Fund. The primary consideration is prompt execution of orders at the most favorable net price.

The Fund may deal with affiliates in principal transactions to the extent permitted by exemptive order or applicable rule or regulation.

The Fund is new and had not paid brokerage commissions to any registered broker-dealer affiliates of the Fund, or the Adviser, as of the date of this SAI.

Securities of “Regular Broker-Dealers.” The Fund is required to identify any securities of its “regular brokers and dealers” (as such term is defined in the 1940 Act) that it may hold at the close of its most recent fiscal year. “Regular brokers or dealers” of the Fund are the ten brokers or dealers that, during the most recent fiscal year (1) received the greatest dollar amounts of brokerage commissions from the Fund’s portfolio transactions, (2) engaged as principal in the largest dollar amounts of portfolio transactions of the Fund, or (3) sold the largest dollar amounts of Shares.

The Fund is new and did not own equity securities of its regular broker-dealers or their parent companies as of the date of this SAI.

PORTFOLIO TURNOVER RATE

A portfolio turnover rate is, in summary, the percentage computed by dividing the lesser of the Fund’s purchases or sales of securities (excluding short-term securities and securities transferred in-kind) by the average market value of the Fund. A rate of 100% indicates that the equivalent of all of the Fund’s assets have been sold and reinvested in a year. High portfolio turnover may affect the amount, timing, and character of distributions, and, as a result, may increase the amount of taxes payable by shareholders. Higher portfolio turnover also results in higher transaction costs. To the extent that net short-term capital gains are realized by the Fund, any distributions resulting from such gains are considered ordinary income for federal income tax purposes.

The Fund is new and does not have a portfolio turnover rate to report as of the date of this SAI.

BOOK ENTRY ONLY SYSTEM

The Depository Trust Company (“DTC”) acts as securities depository for Shares. Shares are represented by securities registered in the name of DTC or its nominee, Cede & Co., and deposited with, or on behalf of, DTC. Except in limited circumstances set forth below, certificates will not be issued for Shares.

DTC is a limited-purpose trust company that was created to hold securities of its participants (the “DTC Participants”) and to facilitate the clearance and settlement of securities transactions among the DTC Participants in such securities through electronic book-entry changes in accounts of the DTC Participants, thereby eliminating the need for physical movement of securities certificates. DTC Participants include securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations, some of whom (and/or their representatives) own DTC. More specifically, DTC is owned by a number of its DTC Participants and by the NYSE and FINRA. Access to the DTC system is also available to others such as banks, brokers, dealers, and trust companies that clear through or maintain a custodial relationship with a DTC Participant, either directly or indirectly (the “Indirect Participants”).

Beneficial ownership of Shares is limited to DTC Participants, Indirect Participants, and persons holding interests through DTC Participants and Indirect Participants. Ownership of beneficial interests in Shares (owners of such beneficial interests are referred to in this SAI as “Beneficial Owners”) is shown on, and the transfer of ownership is effected only through, records maintained by DTC (with respect to DTC Participants) and on the records of DTC Participants (with respect to Indirect Participants and Beneficial Owners that are not DTC Participants). Beneficial Owners will receive from or through

the DTC Participant a written confirmation relating to their purchase of Shares. The Trust recognizes DTC or its nominee as the record owner of all Shares for all purposes. Beneficial Owners of Shares are not entitled to have Shares registered in their names, and will not receive or be entitled to physical delivery of Share certificates. Each Beneficial Owner must rely on the procedures of DTC and any DTC Participant and/or Indirect Participant through which such Beneficial Owner holds its interests, to exercise any rights of a holder of Shares.

Conveyance of all notices, statements, and other communications to Beneficial Owners is effected as follows. DTC will make available to the Trust upon request and for a fee a listing of Shares held by each DTC Participant. The Trust shall obtain from each such DTC Participant the number of Beneficial Owners holding Shares, directly or indirectly, through such DTC Participant. The Trust shall provide each such DTC Participant with copies of such notice, statement, or other communication, in such form, number, and at such place as such DTC Participant may reasonably request, in order that such notice, statement, or communication may be transmitted by such DTC Participant, directly or indirectly, to such Beneficial Owners. In addition, the Trust shall pay to each such DTC Participant a fair and reasonable amount as reimbursement for the expenses attendant to such transmittal, all subject to applicable statutory and regulatory requirements.

Share distributions shall be made to DTC or its nominee, Cede & Co., as the registered holder of all Shares. DTC or its nominee, upon receipt of any such distributions, shall credit immediately DTC Participants' accounts with payments in amounts proportionate to their respective beneficial interests in the Fund as shown on the records of DTC or its nominee. Payments by DTC Participants to Indirect Participants and Beneficial Owners of Shares held through such DTC Participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of such DTC Participants.

The Trust has no responsibility or liability for any aspect of the records relating to or notices to Beneficial Owners; or payments made on account of beneficial ownership interests in Shares; or for maintaining, supervising, or reviewing any records relating to such beneficial ownership interests; or for any other aspect of the relationship between DTC and the DTC Participants or the relationship between such DTC Participants and the Indirect Participants and Beneficial Owners owning through such DTC Participants.

DTC may determine to discontinue providing its service with respect to the Fund at any time by giving reasonable notice to the Fund and discharging its responsibilities with respect thereto under applicable law. Under such circumstances, the Fund shall act either to find a replacement for DTC to perform its functions at a comparable cost or, if such replacement is unavailable, to issue and deliver printed certificates representing ownership of Shares, unless the Trust makes other arrangements with respect thereto satisfactory to the Exchange.

PURCHASE AND REDEMPTION OF SHARES IN CREATION UNITS

The Trust issues and redeems Shares only in Creation Units on a continuous basis through the Transfer Agent, without a sales load (but subject to transaction fees, if applicable), at their NAV per share next determined after receipt of an order, on any Business Day, in proper form pursuant to the terms of the Authorized Participant Agreement ("Participant Agreement"). The NAV of Shares is calculated each Business Day as of the scheduled close of regular trading on the NYSE, generally 4:00 p.m., Eastern Time. The Fund will not issue fractional Creation Units. A "Business Day" is any day on which the NYSE is open for business.

Fund Deposit. The consideration for purchase of a Creation Unit of the Fund generally consists of the in-kind deposit of a designated portfolio of securities (the "Deposit Securities") per each Creation Unit and the Cash Component (defined below) computed as described below. Notwithstanding the foregoing, the Trust reserves the right to permit or require the substitution of a "cash in lieu" amount ("Deposit Cash") to be added to the Cash Component to replace any Deposit Security. When accepting purchases of Creation Units for all or a portion of Deposit Cash, the Fund may incur additional costs associated with the acquisition of Deposit Securities that would otherwise be provided by an in-kind purchaser.

Together, the Deposit Securities or Deposit Cash, as applicable, and the Cash Component constitute the "Fund Deposit," which represents the minimum initial and subsequent investment amount for a Creation Unit of the Fund. The "Cash Component" is an amount equal to the difference between the NAV of Shares (per Creation Unit) and the value of the Deposit Securities or Deposit Cash, as applicable. If the Cash Component is a positive number (i.e., the NAV per Creation Unit exceeds the value of the Deposit Securities or Deposit Cash, as applicable), the Cash Component shall be such positive amount. If the Cash Component is a negative number (i.e., the NAV per Creation Unit is less than the value of the Deposit Securities or Deposit Cash, as applicable), the Cash Component shall be such negative amount and the creator will be entitled to receive cash in an amount equal to the Cash Component. The Cash Component serves the function of compensating for any differences between the NAV per Creation Unit and the value of the Deposit Securities or Deposit Cash, as applicable. Computation of the Cash Component excludes any stamp duty or other similar fees and expenses payable upon transfer of

beneficial ownership of the Deposit Securities, if applicable, which shall be the sole responsibility of the Authorized Participant (as defined below).

The Fund, through NSCC, makes available on each Business Day, prior to the opening of business on the Exchange (currently 9:30 a.m., Eastern Time), the list of the names and the required number of Shares of each Deposit Security or the required amount of Deposit Cash, as applicable, to be included in the current Fund Deposit (based on information at the end of the previous Business Day) for the Fund. Such Fund Deposit is subject to any applicable adjustments as described below, to effect purchases of Creation Units of the Fund until such time as the next-announced composition of the Deposit Securities or the required amount of Deposit Cash, as applicable, is made available.

The identity and number of Shares of the Deposit Securities or the amount of Deposit Cash, as applicable, required for the Fund Deposit for the Fund may change from time to time.

Procedures for Purchase of Creation Units. To be eligible to place orders with the Transfer Agent to purchase a Creation Unit of the Fund, an entity must be (1) a “Participating Party” (i.e., a broker-dealer or other participant in the clearing process through the Continuous Net Settlement System of the NSCC (the “Clearing Process”), a clearing agency that is registered with the SEC; or (2) a DTC Participant (see “Book Entry Only System”). In addition, each Participating Party or DTC Participant (each, an “Authorized Participant”) must execute a Participant Agreement with respect to purchases and redemptions of Creation Units. Each Authorized Participant will agree, pursuant to the terms of a Participant Agreement, on behalf of itself or any investor on whose behalf it will act, to certain conditions, including that it will pay to the Trust an amount of cash sufficient to pay the Cash Component together with the creation transaction fee (described below), if applicable, and any other applicable fees and taxes.

All orders to purchase Shares directly from the Fund must be placed for one or more Creation Units and in the manner and by the time set forth in the Participant Agreement and/or applicable order form. The order cut-off time for orders to purchase Creation Units is 4:00 p.m. Eastern time, which time may be modified by the Fund from time-to-time by amendment to the Participant Agreement and/or applicable order form. The date on which an order to purchase Creation Units (or an order to redeem Creation Units, as set forth below) is received and accepted is referred to as the “Order Placement Date.”

An Authorized Participant may require an investor to make certain representations or enter into agreements with respect to the order (e.g., to provide for payments of cash, when required). Investors should be aware that their particular broker may not have executed a Participant Agreement and that, therefore, orders to purchase Shares directly from the Fund in Creation Units must be placed by the investor’s broker through an Authorized Participant that has executed a Participant Agreement. In such cases, there may be additional charges to such investor. At any given time, there may be only a limited number of broker-dealers that have executed a Participant Agreement and only a small number of such Authorized Participants may have international capabilities.

On days when the Exchange closes earlier than normal, the Fund may require orders to create Creation Units to be placed earlier in the day. In addition, if a market or markets on which the Fund’s investments are primarily traded is closed, the Fund will also generally not accept orders on such day(s). Orders must be transmitted by an Authorized Participant by telephone or other transmission method acceptable to the Transfer Agent pursuant to procedures set forth in the Participant Agreement and in accordance with the applicable order form. On behalf of the Fund, the Transfer Agent will notify the Custodian of such order. The Custodian will then provide such information to the appropriate local sub-custodian(s). Those placing orders through an Authorized Participant should allow sufficient time to permit proper submission of the purchase order to the Transfer Agent by the cut-off time on such Business Day. Economic or market disruptions or changes, or telephone, or other communication failure may impede the ability to reach the Transfer Agent or an Authorized Participant.

Fund Deposits must be delivered by an Authorized Participant through the Federal Reserve System (for cash) or through DTC (for corporate securities), through a sub-custody agent (for foreign securities), and/or through such other arrangements allowed by the Trust or its agents. With respect to foreign Deposit Securities, the Custodian shall cause the sub-custodian of the Fund to maintain an account into which the Authorized Participant shall deliver, on behalf of itself or the party on whose behalf it is acting, such Deposit Securities (or Deposit Cash for all or a part of such securities, as permitted or required), with any appropriate adjustments as advised by the Trust. Foreign Deposit Securities must be delivered to an account maintained at the applicable local sub-custodian. A Fund Deposit transfer must be ordered by the Authorized Participant in a timely fashion to ensure the delivery of the requisite number of Deposit Securities or Deposit Cash, as applicable, to the account of the Fund or its agents by no later than 3:00 p.m. Eastern Time (or such other time as specified by the Trust) on the Settlement Date. If the Fund or its agents do not receive all of the Deposit Securities, or the required Deposit Cash in lieu thereof, by such time, then the order may be deemed rejected and the Authorized Participant shall be liable to the Fund for losses, if any, resulting therefrom. The “Settlement Date” for the Fund is generally the second Business Day after the Order Placement Date. All questions as to the number of Deposit Securities or Deposit Cash to be delivered, as applicable, and the validity,

form, and eligibility (including time of receipt) for the deposit of any tendered securities or cash, as applicable, will be determined by the Trust, whose determination shall be final and binding. The amount of cash represented by the Cash Component must be transferred directly to the Custodian through the Federal Reserve Bank wire transfer system in a timely manner to be received by the Custodian no later than the Settlement Date. If the Cash Component and the Deposit Securities or Deposit Cash, as applicable, are not received by the Custodian in a timely manner by the Settlement Date, the creation order may be cancelled. Upon written notice to the Transfer Agent, such canceled order may be resubmitted the following Business Day using a Fund Deposit as newly constituted to reflect the then current NAV of the Fund.

The order shall be deemed to be received on the Business Day on which the order is placed provided that the order is placed in proper form prior to the applicable cut-off time and the federal funds in the appropriate amount are deposited by 3:00 p.m. Eastern Time, with the Custodian on the Settlement Date. If the order is not placed in proper form as required, or federal funds in the appropriate amount are not received by 3:00 p.m. Eastern Time on the Settlement Date, then the order may be deemed to be rejected and the Authorized Participant shall be liable to the Fund for losses, if any, resulting therefrom. A creation request is in "proper form" if all procedures set forth in the Participant Agreement, order form and this SAI are properly followed.

Issuance of a Creation Unit. Except as provided in this SAI, Creation Units will not be issued until the transfer of good title to the Trust of the Deposit Securities or payment of Deposit Cash, as applicable, and the payment of the Cash Component have been completed. When the required Deposit Securities (or the cash value thereof) have been delivered to the account of the Custodian (or sub-custodian, as applicable), the Transfer Agent and the Adviser shall be notified of such delivery, and the Trust will issue and cause the delivery of the Creation Units. The delivery of Creation Units so created generally will occur no later than the second Business Day following the day on which the purchase order is deemed received by the Transfer Agent. The Authorized Participant shall be liable to the Fund for losses, if any, resulting from unsettled orders.

Creation Units may be purchased in advance of receipt by the Trust of all or a portion of the applicable Deposit Securities as described below. In these circumstances, the initial deposit will have a value greater than the NAV of the Shares on the date the order is placed in proper form since, in addition to available Deposit Securities, cash must be deposited in an amount equal to the sum of (1) the Cash Component, plus (2) an additional amount of cash equal to a percentage of the value as set forth in the Participant Agreement, of the undelivered Deposit Securities (the "Additional Cash Deposit"), which shall be maintained in a separate non-interest bearing collateral account. The Authorized Participant must deposit with the Custodian the Additional Cash Deposit, as applicable, by 3:00 p.m. Eastern Time (or such other time as specified by the Trust) on the Settlement Date. If the Fund or its agents do not receive the Additional Cash Deposit in the appropriate amount, by such time, then the order may be deemed rejected and the Authorized Participant shall be liable to the Fund for losses, if any, resulting therefrom. An additional amount of cash shall be required to be deposited with the Trust, pending delivery of the missing Deposit Securities to the extent necessary to maintain the Additional Cash Deposit with the Trust in an amount at least equal to the applicable percentage, as set forth in the Participant Agreement, of the daily market value of the missing Deposit Securities. The Participant Agreement will permit the Trust to buy the missing Deposit Securities at any time. Authorized Participants will be liable to the Trust for the costs incurred by the Trust in connection with any such purchases. These costs will be deemed to include the amount by which the actual purchase price of the Deposit Securities exceeds the value of such Deposit Securities on the day the purchase order was deemed received by the Transfer Agent, plus the brokerage and related transaction costs associated with such purchases. The Trust will return any unused portion of the Additional Cash Deposit once all of the missing Deposit Securities have been properly received by the Custodian or purchased by the Trust and deposited into the Trust. In addition, a transaction fee, as described below under "Creation Transaction Fee," may be charged. The delivery of Creation Units so created generally will occur no later than the Settlement Date.

Acceptance of Orders of Creation Units. The Trust reserves the absolute right to reject an order for Creation Units transmitted to it by the Transfer Agent with respect to the Fund including, without limitation, if (1) the order is not in proper form; (2) the Deposit Securities or Deposit Cash, as applicable, delivered by the Authorized Participant are not as disseminated through the facilities of the NSCC for that date by the Custodian; (3) the investor(s), upon obtaining Shares ordered, would own 80% or more of the currently outstanding Shares; (4) acceptance of the Deposit Securities would have certain adverse tax consequences to the Fund; (5) the acceptance of the Fund Deposit would, in the opinion of counsel, be unlawful; (6) the acceptance of the Fund Deposit would otherwise, in the discretion of the Trust or the Adviser, have an adverse effect on the Trust or the rights of beneficial owners; (7) the acceptance or receipt of the order for a Creation Unit would, in the opinion of counsel to the Trust, be unlawful; or (8) in the event that circumstances outside the control of the Trust, the Custodian, the Transfer Agent and/or the Adviser make it for all practical purposes not feasible to process orders for Creation Units.

Examples of such circumstances include acts of God; public service or utility problems such as fires, floods, extreme weather conditions, and power outages resulting in telephone, telecopy, and computer failures; market conditions or activities causing

trading halts; systems failures involving computer or other information systems affecting the Trust, the Distributor, the Custodian, a sub-custodian, the Transfer Agent, DTC, NSCC, Federal Reserve System, or any other participant in the creation process; and other extraordinary events. The Transfer Agent shall notify a prospective creator of a Creation Unit and/or the Authorized Participant acting on behalf of the creator of a Creation Unit of its rejection of the order of such person. The Trust, the Transfer Agent, the Custodian, any sub-custodian, and the Distributor are under no duty, however, to give notification of any defects or irregularities in the delivery of Fund Deposits, nor shall either of them incur any liability for the failure to give any such notification. The Trust, the Transfer Agent, the Custodian, and the Distributor shall not be liable for the rejection of any purchase order for Creation Units.

All questions as to the number of Shares of each security in the Deposit Securities and the validity, form, eligibility, and acceptance for deposit of any securities to be delivered shall be determined by the Trust, and the Trust’s determination shall be final and binding.

Creation Transaction Fee. A fixed purchase (i.e., creation) transaction fee, payable to the Custodian, may be imposed for the transfer and other transaction costs associated with the purchase of Creation Units (“Creation Order Costs”). The standard fixed creation transaction fee for the Fund, regardless of the number of Creation Units created in the transaction, can be found in the table below. The Fund may adjust the standard fixed creation transaction fee from time to time. The fixed creation fee may be waived on certain orders if the Custodian has determined to waive some or all of the Creation Order Costs associated with the order or another party, such as the Adviser, has agreed to pay such fee.

In addition, a variable fee, payable to the Fund, of up to the maximum percentage listed in the table below of the value of the Creation Units subject to the transaction may be imposed for cash purchases, non-standard orders, or partial cash purchases of Creation Units. The variable charge is primarily designed to cover additional costs (e.g., brokerage, taxes) involved with buying the securities with cash. The Fund may determine to not charge a variable fee on certain orders when the Adviser has determined that doing so is in the best interests of Fund shareholders.

Fixed Creation Transaction Fee	Maximum Variable Transaction Fee
\$250	2%

Investors who use the services of a broker or other such intermediary may be charged a fee for such services. Investors are responsible for the fixed costs of transferring the Fund Securities (defined below) from the Trust to their account or on their order.

Risks of Purchasing Creation Units. There are certain legal risks unique to investors purchasing Creation Units directly from the Fund. Because Shares may be issued on an ongoing basis, a “distribution” of Shares could be occurring at any time. Certain activities that a shareholder performs as a dealer could, depending on the circumstances, result in the shareholder being deemed a participant in the distribution in a manner that could render the shareholder a statutory underwriter and subject to the prospectus delivery and liability provisions of the Securities Act. For example, a shareholder could be deemed a statutory underwriter if it purchases Creation Units from the Fund, breaks them down into the constituent Shares, and sells those Shares directly to customers, or if a shareholder chooses to couple the creation of a supply of new Shares with an active selling effort involving solicitation of secondary-market demand for Shares. Whether a person is an underwriter depends upon all of the facts and circumstances pertaining to that person’s activities, and the examples mentioned here should not be considered a complete description of all the activities that could cause you to be deemed an underwriter.

Dealers who are not “underwriters” but are participating in a distribution (as opposed to engaging in ordinary secondary-market transactions), and thus dealing with Shares as part of an “unsold allotment” within the meaning of Section 4(a)(3)(C) of the Securities Act, will be unable to take advantage of the prospectus delivery exemption provided by Section 4(a)(3) of the Securities Act.

Redemption. Shares may be redeemed only in Creation Units at their NAV next determined after receipt of a redemption request in proper form by the Fund through the Transfer Agent and only on a Business Day. EXCEPT UPON LIQUIDATION OF THE FUND, THE TRUST WILL NOT REDEEM SHARES IN AMOUNTS LESS THAN CREATION UNITS. Investors must accumulate enough Shares in the secondary market to constitute a Creation Unit to have such Shares redeemed by the Trust. There can be no assurance, however, that there will be sufficient liquidity in the public trading market at any time to permit assembly of a Creation Unit. Investors should expect to incur brokerage and other costs in connection with assembling a sufficient number of Shares to constitute a redeemable Creation Unit.

With respect to the Fund, the Custodian, through the NSCC, makes available prior to the opening of business on the Exchange (currently 9:30 a.m., Eastern Time) on each Business Day, the list of the names and Share quantities of the Fund’s portfolio securities that will be applicable (subject to possible amendment or correction) to redemption requests received in

proper form (as defined below) on that day (“Fund Securities”). Fund Securities received on redemption may not be identical to Deposit Securities.

Redemption proceeds for a Creation Unit are paid either in-kind or in cash, or combination thereof, as determined by the Trust. With respect to in-kind redemptions of the Fund, redemption proceeds for a Creation Unit will consist of Fund Securities — as announced by the Custodian on the Business Day of the request for redemption received in proper form plus cash in an amount equal to the difference between the NAV of Shares being redeemed, as next determined after a receipt of a request in proper form, and the value of the Fund Securities (the “Cash Redemption Amount”), less a fixed redemption transaction fee, as applicable, as set forth below. If the Fund Securities have a value greater than the NAV of Shares, a compensating cash payment equal to the differential is required to be made by or through an Authorized Participant by the redeeming shareholder. Notwithstanding the foregoing, at the Trust’s discretion, an Authorized Participant may receive the corresponding cash value of the securities in lieu of the in-kind securities value representing one or more Fund Securities.

Redemption Transaction Fee. A fixed redemption transaction fee, payable to the Custodian, may be imposed for the transfer and other transaction costs associated with the redemption of Creation Units (“Redemption Order Costs”). The standard fixed redemption transaction fee for the Fund, regardless of the number of Creation Units redeemed in the transaction, can be found in the table below. The Fund may adjust the redemption transaction fee from time to time. The fixed redemption fee may be waived on certain orders if the Custodian has determined to waive some or all of the Redemption Order Costs associated with the order or another party, such as the Adviser, has agreed to pay such fee.

In addition, a variable fee, payable to the Fund, of up to the maximum percentage listed in the table below of the value of the Creation Units subject to the transaction may be imposed for cash redemptions, non-standard orders, or partial cash redemptions (when cash redemptions are available) of Creation Units. The variable charge is primarily designed to cover additional costs (e.g., brokerage, taxes) involved with selling portfolio securities to satisfy a cash redemption. The Fund may determine to not charge a variable fee on certain orders when the Adviser has determined that doing so is in the best interests of Fund shareholders.

Fixed Redemption Transaction Fee	Maximum Variable Transaction Fee
\$250	2%

Investors who use the services of a broker or other such intermediary may be charged a fee for such services. Investors are responsible for the fixed costs of transferring the Fund Securities from the Trust to their account or on their order.

Procedures for Redemption of Creation Units. Orders to redeem Creation Units must be submitted in proper form to the Transfer Agent prior to 4:00 p.m. Eastern time. A redemption request is considered to be in “proper form” if (1) an Authorized Participant has transferred or caused to be transferred to the Trust’s Transfer Agent the Creation Unit(s) being redeemed through the book-entry system of DTC so as to be effective by the time as set forth in the Participant Agreement and (2) a request in form satisfactory to the Trust is received by the Transfer Agent from the Authorized Participant on behalf of itself or another redeeming investor within the time periods specified in the Participant Agreement. If the Transfer Agent does not receive the investor’s Shares through DTC’s facilities by the times and pursuant to the other terms and conditions set forth in the Participant Agreement, the redemption request shall be rejected.

The Authorized Participant must transmit the request for redemption, in the form required by the Trust, to the Transfer Agent in accordance with procedures set forth in the Authorized Participant Agreement. Investors should be aware that their particular broker may not have executed an Authorized Participant Agreement, and that, therefore, requests to redeem Creation Units may have to be placed by the investor’s broker through an Authorized Participant who has executed an Authorized Participant Agreement. Investors making a redemption request should be aware that such request must be in the form specified by such Authorized Participant. Investors making a request to redeem Creation Units should allow sufficient time to permit proper submission of the request by an Authorized Participant and transfer of the Shares to the Trust’s Transfer Agent; such investors should allow for the additional time that may be required to effect redemptions through their banks, brokers, or other financial intermediaries if such intermediaries are not Authorized Participants.

Additional Redemption Procedures. In connection with taking delivery of Shares of Fund Securities upon redemption of Creation Units, a redeeming shareholder or Authorized Participant acting on behalf of such Shareholder must maintain appropriate custody arrangements with a qualified broker-dealer, bank, or other custody providers in each jurisdiction in which any of the Fund Securities are customarily traded, to which account such Fund Securities will be delivered. Deliveries of redemption proceeds will generally be made within two Business Days of the trade date.

The Trust may in its discretion exercise its option to redeem such Shares in cash, and the redeeming investor will be required to receive its redemption proceeds in cash. In addition, an investor may request a redemption in cash that the Fund may, in its

sole discretion, permit. In either case, the investor will receive a cash payment equal to the NAV of its Shares based on the NAV of Shares next determined after the redemption request is received in proper form (minus a redemption transaction fee, if applicable, and additional charge for requested cash redemptions specified above, to offset the Trust's brokerage and other transaction costs associated with the disposition of Fund Securities). The Fund may also, in its sole discretion, upon request of a shareholder, provide such redeemer a portfolio of securities that differs from the exact composition of the Fund Securities, but does not differ in NAV.

Redemptions of Shares for Fund Securities will be subject to compliance with applicable federal and state securities laws and the Fund (whether or not it otherwise permits cash redemptions) reserves the right to redeem Creation Units for cash to the extent that the Trust could not lawfully deliver specific Fund Securities upon redemptions or could not do so without first registering the Fund Securities under such laws. An Authorized Participant, or an investor for which it is acting, subject to a legal restriction with respect to a particular security included in the Fund Securities applicable to the redemption of Creation Units, may be paid an equivalent amount of cash. The Authorized Participant may request the redeeming investor of the Shares to complete an order form or to enter into agreements with respect to such matters as compensating cash payment. Further, an Authorized Participant that is not a "qualified institutional buyer," ("QIB") as such term is defined under Rule 144A of the Securities Act, will not be able to receive Fund Securities that are restricted securities eligible for resale under Rule 144A. An Authorized Participant may be required by the Trust to provide a written confirmation with respect to QIB status to receive Fund Securities.

The right of redemption may be suspended or the date of payment postponed with respect to the Fund (1) for any period during which the Exchange is closed (other than customary weekend and holiday closings); (2) for any period during which trading on the Exchange is suspended or restricted; (3) for any period during which an emergency exists as a result of which disposal of the Shares or determination of the NAV of the Shares is not reasonably practicable; or (4) in such other circumstance as is permitted by the SEC.

DETERMINATION OF NAV

NAV per Share for the Fund is computed by dividing the value of the net assets of the Fund (i.e., the value of its total assets less total liabilities) by the total number of Shares outstanding, rounded to the nearest cent. Expenses and fees, including the management fees, are accrued daily and taken into account for purposes of determining NAV. The NAV of the Fund is calculated by Global Fund Services and determined at the scheduled close of the regular trading session on the NYSE (ordinarily 4:00 p.m., Eastern Time) on each day that the NYSE is open, provided that fixed-income assets may be valued as of the announced closing time for trading in fixed-income instruments on any day that the Securities Industry and Financial Markets Association ("SIFMA") announces an early closing time.

In calculating the Fund's NAV per Share, the Fund's investments are generally valued using market valuations. A market valuation generally means a valuation (1) obtained from an exchange, a pricing service, or a major market maker (or dealer); (2) based on a price quotation or other equivalent indication of value supplied by an exchange, a pricing service, or a major market maker (or dealer); or (3) based on amortized cost. In the case of shares of other funds that are not traded on an exchange, a market valuation means such fund's published NAV per share. The Fund may use various pricing services, or discontinue the use of any pricing service, as approved by the Board from time to time. A price obtained from a pricing service based on such pricing service's valuation matrix may be considered a market valuation. Any assets or liabilities denominated in currencies other than the U.S. dollar are converted into U.S. dollars at the current market rates on the date of valuation as quoted by one or more sources.

DIVIDENDS AND DISTRIBUTIONS

The following information supplements and should be read in conjunction with the section in the Prospectus entitled "Dividends, Distributions, and Taxes."

General Policies. The Fund intends to pay out dividends and interest income, if any, at least monthly, and distribute any net realized capital gains to its shareholders at least annually.

The Fund will declare and pay income and capital gains distributions, if any, in cash. The Fund may make distributions on a more frequent basis to comply with the distribution requirements of the Code, in all events in a manner consistent with the provisions of the 1940 Act. Dividends and other distributions on Shares are distributed, as described below, on a pro rata basis to Beneficial Owners of such Shares. Dividend payments are made through DTC Participants and Indirect Participants to Beneficial Owners then of record with proceeds received from the Trust.

The Fund makes additional distributions to the extent necessary (1) to distribute the entire annual taxable income of the Fund, plus any net capital gains and (2) to avoid imposition of the excise tax imposed by Section 4982 of the Code. Management of the Trust reserves the right to declare special dividends if, in its reasonable discretion, such action is necessary or advisable to

preserve the Fund's eligibility for treatment as a RIC or to avoid imposition of income or excise taxes on undistributed income at the Fund level.

Dividend Reinvestment Service. The Trust will not make the DTC book-entry dividend reinvestment service available for use by Beneficial Owners for reinvestment of their cash proceeds, but certain individual broker-dealers may make available the DTC book-entry Dividend Reinvestment Service for use by Beneficial Owners of the Fund through DTC Participants for reinvestment of their dividend distributions. Investors should contact their brokers to ascertain the availability and description of these services. Beneficial Owners should be aware that each broker may require investors to adhere to specific procedures and timetables to participate in the dividend reinvestment service and investors should ascertain from their brokers such necessary details. If this service is available and used, dividend distributions of both income and realized gains will be automatically reinvested in additional whole Shares issued by the Trust of the Fund at NAV per Share. Distributions reinvested in additional Shares will nevertheless be taxable to Beneficial Owners acquiring such additional Shares to the same extent as if such distributions had been received in cash.

FEDERAL INCOME TAXES

The following is only a summary of certain U.S. federal income tax considerations generally affecting the Fund and its shareholders that supplements the discussion in the Prospectus. No attempt is made to present a comprehensive explanation of the federal, state, local, or foreign tax treatment of the Fund or its shareholders, and the discussion here and in the Prospectus is not intended to be a substitute for careful tax planning.

The following general discussion of certain U.S. federal income tax consequences is based on provisions of the Code and the regulations issued thereunder as in effect on the date of this SAI. New legislation, as well as administrative changes or court decisions, may significantly change the conclusions expressed herein, and may have a retroactive effect with respect to the transactions contemplated herein.

The tax legislation commonly referred to as the Tax Cuts and Jobs Act (the "Tax Act") made significant changes to the U.S. federal income tax rules for taxation of individuals and corporations, generally effective for taxable years beginning after December 31, 2017. Many of the changes applicable to individuals are temporary and would apply only to taxable years before January 1, 2026. There were only minor changes with respect to the specific rules applicable to RICs, such as the Fund. The Tax Act, however, also made numerous other changes to the tax rules that may affect shareholders and the Fund. Subsequent legislation has modified certain changes to the U.S. federal income tax rules made by the Tax Act which may, in addition, affect shareholders and the Fund. You are urged to consult with your own tax advisor regarding how this legislation affects your investment in the Fund.

Shareholders are urged to consult their own tax advisers regarding the application of the provisions of tax law described in this SAI in light of the particular tax situations of the shareholders and regarding specific questions as to federal, state, local, or foreign taxes.

Taxation of the Fund. The Fund will elect and intends to qualify each year to be treated as a RIC under the Code. As such, the Fund should not be subject to federal income taxes on its net investment income and capital gains, if any, to the extent that it timely distributes such income and capital gains to its shareholders. Generally, to be taxed as a RIC, the Fund must distribute in each taxable year at least 90% of its "investment company taxable income" for the taxable year, which includes, among other items, dividends, interest, net short-term capital gain, and net foreign currency gain, less expenses, as well as 90% of its net tax-exempt interest income, if any (the "Distribution Requirement") and also must meet several additional requirements. Among these requirements are the following: (1) at least 90% of the Fund's gross income each taxable year must be derived from dividends, interest, payments with respect to certain securities loans, gains from the sale or other disposition of stock, securities, or foreign currencies, or other income derived with respect to its business of investing in such stock, securities, or foreign currencies, and net income derived from interests in qualified publicly traded partnerships (the "Qualifying Income Requirement"); and (2) at the end of each quarter of the Fund's taxable year, the Fund's assets must be diversified so that (a) at least 50% of the value of the Fund's total assets is represented by cash and cash items, U.S. government securities, securities of other RICs, and other securities, with such other securities limited, in respect to any one issuer, to an amount not greater in value than 5% of the value of the Fund's total assets and to not more than 10% of the outstanding voting securities of such issuer, and (b) not more than 25% of the value of its total assets is invested in the securities (other than U.S. government securities or securities of other RICs) of any one issuer, the securities (other than securities of other RICs) of two or more issuers which the Fund controls and which are engaged in the same, similar, or related trades or businesses, or the securities of one or more qualified publicly traded partnerships (the "Diversification Requirement").

To the extent the Fund makes investments that may generate income that is not qualifying income, including certain derivatives, the Fund will seek to restrict the resulting income from such investments so that the Fund's non-qualifying income does not exceed 10% of its gross income.

Although the Fund intends to distribute substantially all of its net investment income and may distribute its capital gains for any taxable year, the Fund will be subject to federal income taxation to the extent any such income or gains are not distributed. The Fund is treated as a separate corporation for federal income tax purposes. The Fund therefore is considered to be a separate entity in determining its treatment under the rules for RICs described herein. The requirements (other than certain organizational requirements) for qualifying RIC status are determined at the Fund level rather than at the Trust level.

If the Fund fails to satisfy the Qualifying Income Requirement or the Diversification Requirement in any taxable year, the Fund may be eligible for relief provisions if the failures are due to reasonable cause and not willful neglect and if a penalty tax is paid with respect to each failure to satisfy the applicable requirements. Additionally, relief is provided for certain *de minimis* failures of the Diversification Requirement where the Fund corrects the failure within a specified period of time. To be eligible for the relief provisions with respect to a failure to meet the Diversification Requirement, the Fund may be required to dispose of certain assets. If these relief provisions were not available to the Fund and it were to fail to qualify for treatment as a RIC for a taxable year, all of its taxable income would be subject to tax at regular corporate rates without any deduction for distributions to shareholders, and its distributions (including capital gains distributions) generally would be taxable to the shareholders of the Fund as ordinary income dividends, subject to the dividends received deduction for corporate shareholders and the lower tax rates on qualified dividend income received by noncorporate shareholders, subject to certain limitations. To requalify for treatment as a RIC in a subsequent taxable year, the Fund would be required to satisfy the RIC qualification requirements for that year and to distribute any earnings and profits from any year in which the Fund failed to qualify for tax treatment as a RIC. If the Fund failed to qualify as a RIC for a period greater than two taxable years, it would generally be required to pay a fund-level tax on certain net built-in gains recognized with respect to certain of its assets upon disposition of such assets within five years of qualifying as a RIC in a subsequent year. The Board reserves the right not to maintain the qualification of the Fund for treatment as a RIC if it determines such course of action to be beneficial to shareholders. If the Fund determines that it will not qualify as a RIC, the Fund will establish procedures to reflect the anticipated tax liability in the Fund's NAV.

The Fund may elect to treat part or all of any "qualified late-year loss" as if it had been incurred in the succeeding taxable year in determining the Fund's taxable income, net capital gain, net short-term capital gain, and earnings and profits. The effect of this election is to treat any such "qualified late-year loss" as if it had been incurred in the succeeding taxable year in characterizing Fund distributions for any calendar year. A "qualified late-year loss" generally includes net capital loss, net long-term capital loss, or net short-term capital loss incurred after October 31 of the current taxable year, (commonly referred to as "post-October losses"), and certain other late-year losses.

Capital losses in excess of capital gains ("net capital losses") are not permitted to be deducted against a RIC's net investment income. Instead, for U.S. federal income tax purposes, potentially subject to certain limitations, the Fund may carry a net capital loss from any taxable year forward indefinitely to offset its capital gains, if any, in years following the year of the loss. To the extent subsequent capital gains are offset by such losses, they will not result in U.S. federal income tax liability to the Fund and may not be distributed as capital gains to its shareholders. Generally, the Fund may not carry forward any losses other than net capital losses. The carryover of capital losses may be limited under the general loss limitation rules if the Fund experiences an ownership change as defined in the Code.

The Fund will be subject to a nondeductible 4% federal excise tax on certain undistributed income if it does not distribute to its shareholders in each calendar year an amount at least equal to 98% of its ordinary income for the calendar year plus 98.2% of its capital gain net income for the one-year period generally ending on October 31 of that year, subject to an increase for any shortfall in the prior year's distribution. The Fund intends to declare and distribute dividends and distributions in the amounts and at the times necessary to avoid the application of the excise tax, but can make no assurances that all such tax liability will be eliminated.

The Fund intends to distribute substantially all of its net investment income and net capital gain to shareholders for each taxable year. If the Fund meets the Distribution Requirement but retains some or all of its income or gains, it will be subject to federal income tax at regular corporate rates to the extent any such income or gains are not distributed. The Fund may elect to designate certain amounts retained as undistributed net capital gain as deemed distributions in a notice to its shareholders, who (1) will be required to include in income for U.S. federal income tax purposes, as long-term capital gain, their proportionate shares of the undistributed amount so designated; (2) will be entitled to credit their proportionate shares of the income tax paid by the Fund on that undistributed amount against their federal income tax liabilities and to claim refunds to the extent such credits exceed their tax liabilities; and (3) will be entitled to increase their tax basis, for federal income tax

purposes, in their Shares by an amount equal to the excess of the amount of undistributed net capital gain included in their respective income over their respective income tax credits.

Taxation of Shareholders – Distributions. The Fund intends to distribute monthly to its shareholders substantially all of its investment company taxable income (computed without regard to the deduction for dividends paid) and its net tax-exempt income, if any. The Fund intends to distribute annually any net capital gain (net long-term capital gains in excess of net short-term capital losses, taking into account any capital loss carryforwards). The distribution of investment company taxable income (as so computed) and net capital gain will be taxable to Fund shareholders regardless of whether the shareholders receive these distributions in cash or reinvest them in additional Shares.

The Fund (or your broker) will report to shareholders annually the amounts of dividends paid from ordinary income, the amount of distributions of net capital gain, the portion of dividends which may qualify for the dividends received deduction for corporate shareholders, and the portion of dividends which may qualify for treatment as qualified dividend income, which is taxable to non-corporate shareholders at long-term capital gain rates.

Distributions from the Fund's net capital gain will be taxable to shareholders at long-term capital gains rates, regardless of how long shareholders have held their Shares. Distributions may be subject to state and local taxes.

Qualified dividend income includes, in general, subject to certain holding period and other requirements, dividend income from taxable domestic corporations and certain "qualified foreign corporations." Subject to certain limitations, "qualified foreign corporations" include those incorporated in territories of the United States, those incorporated in certain countries with comprehensive tax treaties with the United States, and other foreign corporations if the stock with respect to which the dividends are paid is readily tradable on an established securities market in the United States. Dividends received by the Fund from an ETF or an underlying fund taxable as a RIC or a REIT may be treated as qualified dividend income generally only to the extent so reported by such ETF, underlying fund or REIT. If 95% or more of the Fund's gross income (calculated without taking into account net capital gain derived from sales or other dispositions of stock or securities) consists of qualified dividend income, the Fund may report all distributions of such income as qualified dividend income.

Fund dividends will not be treated as qualified dividend income if the Fund does not meet certain holding period and other requirements with respect to dividend paying stocks in its portfolio, or the shareholder does not meet certain holding period and other requirements with respect to the Shares on which the dividends were paid. Distributions by the Fund of its net short-term capital gains will be taxable as ordinary income.

In the case of corporate shareholders, certain dividends received by the Fund from U.S. corporations (generally, dividends received by the Fund in respect of any share of stock (1) with a tax holding period of at least 46 days during the 91-day period beginning on the date that is 45 days before the date on which the stock becomes ex-dividend as to that dividend and (2) that is held in an unleveraged position) and distributed and appropriately so reported by the Fund may be eligible for the 50% dividends-received deduction. Certain preferred stock must have a holding period of at least 91 days during the 181-day period beginning on the date that is 90 days before the date on which the stock becomes ex-dividend as to that dividend to be eligible. Capital gain dividends distributed to the Fund from other RICs are not eligible for the dividends-received deduction. To qualify for the deduction, corporate shareholders must meet the minimum holding period requirement stated above with respect to their Shares, taking into account any holding period reductions from certain hedging or other transactions or positions that diminish their risk of loss with respect to their Shares, and, if they borrow to acquire or otherwise incur debt attributable to Shares, they may be denied a portion of the dividends-received deduction with respect to those Shares.

Although dividends generally will be treated as distributed when paid, any dividend declared by the Fund in October, November, or December and payable to shareholders of record in such a month that is paid during the following January will be treated for U.S. federal income tax purposes as received by shareholders on December 31 of the calendar year in which it was declared.

In general, qualified REIT dividends that an investor receives directly from a REIT are automatically eligible for the 20% qualified business income deduction. The Internal Revenue Service ("IRS") has issued final Treasury Regulations that permit a dividend or part of a dividend paid by a RIC and reported as a "section 199A dividend" to be treated by the recipient as a qualified REIT dividend for purposes of the 20% qualified business income deduction, if certain holding period and other requirements have been satisfied by the recipient with respect to their Shares.

In addition to the federal income tax, certain individuals, trusts, and estates may be subject to a Net Investment Income ("NII") tax of 3.8%. The NII tax is imposed on the lesser of (1) a taxpayer's investment income, net of deductions properly allocable to such income; or (2) the amount by which such taxpayer's modified adjusted gross income exceeds certain thresholds (\$250,000 for married individuals filing jointly, \$200,000 for unmarried individuals, and \$125,000 for married individuals filing separately). The Fund's distributions are includable in a shareholder's investment income for purposes of

this NII tax. In addition, any capital gain realized by a shareholder upon a sale or redemption of Fund shares is includable in such shareholder's investment income for purposes of this NII tax.

Shareholders who have not held Shares for a full year should be aware that the Fund may report and distribute, as ordinary dividends or capital gain dividends, a percentage of income that is not equal to the percentage of the Fund's ordinary income or net capital gain, respectively, actually earned during the applicable shareholder's period of investment in the Fund. A taxable shareholder may wish to avoid investing in the Fund shortly before a dividend or other distribution, because the distribution will generally be taxable even though it may economically represent a return of a portion of the shareholder's investment.

To the extent that the Fund makes a distribution of income received by the Fund in lieu of dividends (a "substitute payment") with respect to securities on loan pursuant to a securities lending transaction, such income will not constitute qualified dividend income to individual shareholders and will not be eligible for the dividends received deduction for corporate shareholders.

If the Fund's distributions exceed its earnings and profits, all or a portion of the distributions made for a taxable year may be recharacterized as a return of capital to shareholders. A return of capital distribution will generally not be taxable, but will reduce each shareholder's cost basis in the Fund and result in a higher capital gain or lower capital loss when the Shares on which the distribution was received are sold. After a shareholder's basis in the Shares has been reduced to zero, distributions in excess of earnings and profits will be treated as gain from the sale of the shareholder's Shares.

Taxation of Shareholders – Sale of Shares. A sale or redemption of Shares may give rise to a gain or loss. In general, any gain or loss realized upon a taxable disposition of Shares will be treated as long-term capital gain or loss if Shares have been held for more than 12 months. Otherwise, the gain or loss on the taxable disposition of Shares will generally be treated as short-term capital gain or loss. Any loss realized upon a taxable disposition of Shares held for six months or less will be treated as long-term capital loss, rather than short-term capital loss, to the extent of any amounts treated as distributions to the shareholder of long-term capital gain with respect to such Shares (including any amounts credited to the shareholder as undistributed capital gains). All or a portion of any loss realized upon a taxable disposition of Shares may be disallowed if substantially identical Shares are acquired (through the reinvestment of dividends or otherwise) within a 61-day period beginning 30 days before and ending 30 days after the disposition. In such a case, the basis of the newly acquired Shares will be adjusted to reflect the disallowed loss.

The cost basis of Shares acquired by purchase will generally be based on the amount paid for Shares and then may be subsequently adjusted for other applicable transactions as required by the Code. The difference between the selling price and the cost basis of Shares generally determines the amount of the capital gain or loss realized on the sale of Shares. Contact the broker through whom you purchased your Shares to obtain information with respect to the available cost basis reporting methods and elections for your account.

An Authorized Participant who exchanges securities for Creation Units generally will recognize a gain or a loss. The gain or loss will be equal to the difference between the market value of the Creation Units at the time and the sum of the exchanger's aggregate basis in the securities surrendered plus the amount of cash paid for such Creation Units. A person who redeems Creation Units will generally recognize a gain or loss equal to the difference between the exchanger's basis in the Creation Units and the sum of the aggregate market value of any securities received plus the amount of any cash received for such Creation Units. The IRS, however, may assert that a loss realized upon an exchange of securities for Creation Units cannot currently be deducted under the rules governing "wash sales" (for an exchanger who does not mark-to-market its portfolio), or on the basis that there has been no significant change in economic position.

Any capital gain or loss realized upon the creation of Creation Units will generally be treated as long-term capital gain or loss if the securities exchanged for such Creation Units have been held for more than one year. Any capital gain or loss realized upon the redemption of Creation Units will generally be treated as long-term capital gain or loss if the Shares composing the Creation Units have been held for more than one year. Otherwise, such capital gains or losses will generally be treated as short-term capital gains or losses. Any loss upon a redemption of Creation Units held for six months or less may be treated as long-term capital loss to the extent of any amounts treated as distributions to the applicable Authorized Participant of long-term capital gain with respect to the Creation Units (including any amounts credited to the Authorized Participant as undistributed capital gains).

The Trust, on behalf of the Fund, has the right to reject an order for Creation Units if the purchaser (or a group of purchasers) would, upon obtaining the Creation Units so ordered, own 80% or more of the outstanding Shares and if, pursuant to Section 351 of the Code, the Fund would have a basis in the deposit securities different from the market value of such securities on the date of deposit. The Trust also has the right to require the provision of information necessary to determine beneficial Share ownership for purposes of the 80% determination. If the Fund does issue Creation Units to a purchaser (or a group of

purchasers) that would, upon obtaining the Creation Units so ordered, own 80% or more of the outstanding Shares, the purchaser (or a group of purchasers) will not recognize gain or loss upon the exchange of securities for Creation Units.

Persons purchasing or redeeming Creation Units should consult their own tax advisers with respect to the tax treatment of any creation or redemption transaction, and whether the wash sales rule applies, and when a loss may be deductible.

Taxation of Fund Investments. Certain of the Fund's investments may be subject to complex provisions of the Code (including provisions relating to hedging transactions, straddles, integrated transactions, foreign currency contracts, forward foreign currency contracts, and notional principal contracts) that, among other things, may affect the Fund's ability to qualify as a RIC, affect the character of gains and losses realized by the Fund (e.g., may affect whether gains or losses are ordinary or capital), accelerate recognition of income to the Fund, and defer losses. These rules could therefore affect the character, amount, and timing of distributions to shareholders. These provisions also may require the Fund to mark-to-market certain types of positions in its portfolio (i.e., treat them as if they were closed out) which may cause the Fund to recognize income without the Fund receiving cash with which to make distributions in amounts sufficient to enable the Fund to satisfy the RIC distribution requirements for avoiding Fund-level income and excise taxes. The Fund intends to monitor its transactions, intends to make appropriate tax elections, and intends to make appropriate entries in its books and records to mitigate the effect of these rules and preserve the Fund's qualification for treatment as a RIC. To the extent the Fund invests in an underlying fund that is taxable as a RIC, the rules applicable to the tax treatment of complex securities will also apply to the underlying funds that also invest in such complex securities and investments.

Backup Withholding. The Fund will be required in certain cases to withhold (as "backup withholding") on amounts payable to any shareholder who (1) fails to provide a correct taxpayer identification number certified under penalty of perjury; (2) is subject to backup withholding by the IRS for failure to properly report all payments of interest or dividends; (3) fails to provide a certified statement that they are not subject to "backup withholding;" or (4) fails to provide a certified statement that they are a U.S. person (including a U.S. resident alien). The backup withholding rate is at a rate set under Section 3406 of the Code. Backup withholding is not an additional tax and any amounts withheld may be credited against the shareholder's ultimate U.S. federal income tax liability. Backup withholding will not be applied to payments that have been subject to the 30% withholding tax on shareholders who are neither citizens nor permanent residents of the United States.

Foreign Shareholders. Any non-U.S. investors in the Fund may be subject to U.S. withholding and estate tax and are encouraged to consult their tax advisors prior to investing in the Fund. Foreign shareholders (i.e., nonresident alien individuals and foreign corporations, partnerships, trusts, and estates) are generally subject to a U.S. withholding tax at the rate of 30% (or a lower tax treaty rate) on distributions derived from taxable ordinary income. The Fund may, under certain circumstances, report all or a portion of a dividend as an "interest-related dividend" or a "short-term capital gain dividend," which would generally be exempt from this 30% U.S. withholding tax, provided certain other requirements are met. Short-term capital gain dividends received by a nonresident alien individual who is present in the U.S. for a period or periods aggregating 183 days or more during the taxable year are not exempt from this 30% withholding tax. Gains realized by foreign shareholders from the sale or other disposition of Shares generally are not subject to U.S. taxation, unless the recipient is an individual who is physically present in the U.S. for 183 days or more per year (based on a formula that factors in presence in the U.S. during the two preceding years as well). Foreign shareholders who fail to provide an applicable IRS form may be subject to backup withholding on certain payments from the Fund. Backup withholding will not be applied to payments that are subject to the 30% (or lower applicable treaty rate) withholding tax described in this paragraph. Different tax consequences may result if the foreign shareholder is engaged in a trade or business within the United States. In addition, the tax consequences to a foreign shareholder entitled to claim the benefits of a tax treaty may be different than those described above.

Under the Foreign Account Tax Compliance Act ("FATCA"), the Fund may be required to withhold a generally nonrefundable 30% tax on (1) distributions of investment company taxable income and (2) distributions of net capital gain and the gross proceeds of a sale or redemption of Fund shares paid to (a) certain "foreign financial institutions" unless such foreign financial institution agrees to verify, monitor, and report to the IRS the identity of certain of its account holders, among other items (or unless such entity is otherwise deemed compliant under the terms of an intergovernmental agreement between the United States and the foreign financial institution's country of residence), and (b) certain "non-financial foreign entities" unless such entity certifies to the Fund that it does not have any substantial U.S. owners or provides the name, address, and taxpayer identification number of each substantial U.S. owner, among other items. In December 2018, the IRS and Treasury Department released proposed Treasury Regulations that would eliminate FATCA withholding on Fund distributions of net capital gain and the gross proceeds from a sale or redemption of Fund shares. Although taxpayers are entitled to rely on these proposed Treasury Regulations until final Treasury Regulations are issued, these proposed Treasury Regulations have not been finalized, may not be finalized in their proposed form, and are potentially subject to change. This FATCA withholding tax could also affect the Fund's return on its investments in foreign securities or affect a shareholder's return if the shareholder holds its Fund shares through a foreign intermediary. You are urged to consult your tax adviser

regarding the application of this FATCA withholding tax to your investment in the Fund and the potential certification, compliance, due diligence, reporting, and withholding obligations to which you may become subject in order to avoid this withholding tax.

For foreign shareholders to qualify for an exemption from backup withholding, described above, the foreign shareholder must comply with special certification and filing requirements. Foreign shareholders in the Fund should consult their tax advisors in this regard.

Tax-Exempt Shareholders. Certain tax-exempt shareholders, including qualified pension plans, individual retirement accounts, salary deferral arrangements, 401(k) plans, and other tax-exempt entities, generally are exempt from federal income taxation, except with respect to their unrelated business taxable income (“UBTI”). Tax-exempt entities are generally not permitted to offset losses from one unrelated trade or business against the income or gain of another unrelated trade or business. Certain net losses incurred prior to January 1, 2018 are permitted to offset gain and income created by an unrelated trade or business, if otherwise available. Under current law, the Fund generally serves to block UBTI from being realized by its tax-exempt shareholders with respect to their shares of Fund income. However, notwithstanding the foregoing, tax-exempt shareholders could realize UBTI by virtue of their investment in the Fund if, for example, (1) the Fund invests in residual interests of Real Estate Mortgage Investment Conduits (“REMICs”); (2) the Fund invests in a REIT that is a taxable mortgage pool (“TMP”), or that has a subsidiary that is a TMP, or that invests in the residual interest of a REMIC; or (3) Shares in the Fund constitute debt-financed property in the hands of the tax-exempt shareholders within the meaning of section 514(b) of the Code. Charitable remainder trusts are subject to special rules and should consult their tax advisors. The IRS has issued guidance with respect to these issues and prospective shareholders, especially charitable remainder trusts, are strongly encouraged to consult with their tax advisors regarding these issues.

Certain Potential Tax Reporting Requirements. Under U.S. Treasury regulations, if a shareholder recognizes a loss on disposition of the Shares of \$2 million or more for an individual shareholder or \$10 million or more for a corporate shareholder (or certain greater amounts over a combination of years), the shareholder must file with the IRS a disclosure statement on IRS Form 8886. Direct shareholders of portfolio securities are in many cases excepted from this reporting requirement, but under current guidance, shareholders of a RIC are not excepted. Significant penalties may be imposed for the failure to comply with the reporting requirements. The fact that a loss is reportable under these regulations does not affect the legal determination of whether the taxpayer’s treatment of the loss is proper. Shareholders should consult their tax advisors to determine the applicability of these regulations in light of their individual circumstances.

Other Issues. In those states which have income tax laws, the tax treatment of the Fund and of Fund shareholders with respect to distributions by the Fund may differ from federal tax treatment.

FINANCIAL STATEMENTS

Financial statements and annual reports will be available after the Fund has completed a fiscal year of operations. When available, you may request a copy of the Fund’s annual report at no charge by calling 855-ATACFUND or through the Fund’s website at www.atacfunds.com.

APPENDIX A
RATINGS DEFINITIONS

S & P Global Ratings Issue Credit Rating Definitions

An S&P Global Ratings issue credit rating is a forward-looking opinion about the creditworthiness of an obligor with respect to a specific financial obligation, a specific class of financial obligations, or a specific financial program (including ratings on medium-term note programs and commercial paper programs). It takes into consideration the creditworthiness of guarantors, insurers, or other forms of credit enhancement on the obligation and takes into account the currency in which the obligation is denominated. The opinion reflects S&P Global Ratings' view of the obligor's capacity and willingness to meet its financial commitments as they come due, and this opinion may assess terms, such as collateral security and subordination, which could affect ultimate payment in the event of default.

Issue credit ratings can be either long-term or short-term. Short-term ratings are generally assigned to those obligations considered short-term in the relevant market. Short-term ratings are also used to indicate the creditworthiness of an obligor with respect to put features on long-term obligations. Medium-term notes are assigned long-term ratings.

Short-Term Issue Credit Ratings

A-1

A short-term obligation rated 'A-1' is rated in the highest category by S&P Global Ratings. The obligor's capacity to meet its financial commitments on the obligation is strong. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitments on these obligations is extremely strong.

A-2

A short-term obligation rated 'A-2' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rating categories. However, the obligor's capacity to meet its financial commitments on the obligation is satisfactory.

A-3

A short-term obligation rated 'A-3' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to weaken an obligor's capacity to meet its financial commitments on the obligation.

B

A short-term obligation rated 'B' is regarded as vulnerable and has significant speculative characteristics. The obligor currently has the capacity to meet its financial commitments; however, it faces major ongoing uncertainties that could lead to the obligor's inadequate capacity to meet its financial commitments.

C

A short-term obligation rated 'C' is currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitments on the obligation.

SD and D

An obligor is rated 'SD' (selective default) or 'D' if S&P Global Ratings considers there to be a default on one or more of its financial obligations, whether long- or short-term, including rated and unrated obligations but excluding hybrid instruments classified as regulatory capital or in nonpayment according to terms. A 'D' rating is assigned when S&P Global Ratings believes that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when S&P Global Ratings believes that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A rating on an obligor is lowered to 'D' or 'SD' if it is conducting a distressed debt restructuring.

SPUR (S&P Underlying Rating)

A SPUR is an opinion about the stand-alone capacity of an obligor to pay debt service on a credit-enhanced debt issue, without giving effect to the enhancement that applies to it. These ratings are published only at the request of the debt issuer or obligor with the designation SPUR to distinguish them from the credit-enhanced rating that applies to the debt issue. S&P Global Ratings maintains surveillance of an issue with a published SPUR.

Dual Ratings

Dual ratings may be assigned to debt issues that have a put option or demand feature. The first component of the rating addresses the likelihood of repayment of principal and interest as due, and the second component of the rating addresses only the demand feature. The first component of the rating can relate to either a short-term or long-term transaction and accordingly use either short-term or long-term rating symbols. The second component of the rating relates to the put option and is assigned a short-term rating symbol (for example, ‘AAA/A-1+’ or ‘A-1+/A-1’). With U.S. municipal short-term demand debt, the U.S. municipal short-term note rating symbols are used for the first component of the rating (for example, ‘SP-1+/A-1+’).

The analyses, including ratings, of S&P Global Ratings and its affiliates (together, S&P Global Ratings) are statements of opinion as of the date they are expressed and not statements of fact or recommendations to purchase, hold, or sell any securities or make any investment decisions. S&P Global Ratings assumes no obligation to update any information following publication. Users of ratings or other analyses should not rely on them in making any investment decision. S&P Global Ratings’ opinions and analyses do not address the suitability of any security. S&P Global Ratings does not act as a fiduciary or an investment advisor except where registered as such. While S&P Global Ratings has obtained information from sources it believes to be reliable, it does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives. Ratings and other opinions may be changed, suspended, or withdrawn at any time.

Active Qualifiers

S&P Global Ratings uses the following qualifiers that limit the scope of a rating. The structure of the transaction can require the use of a qualifier such as a ‘p’ qualifier, which indicates the rating addresses the principal portion of the obligation only. A qualifier appears as a suffix and is part of the rating.

1. Federal deposit insurance limit: ‘L’ qualifier

Ratings qualified with ‘L’ apply only to amounts invested up to federal deposit insurance limits.

2. Principal: ‘p’ qualifier

This suffix is used for issues in which the credit factors, the terms, or both that determine the likelihood of receipt of payment of principal are different from the credit factors, terms, or both that determine the likelihood of receipt of interest on the obligation. The ‘p’ suffix indicates that the rating addresses the principal portion of the obligation only and that the interest is not rated.

3. Preliminary ratings: ‘prelim’ qualifier

Preliminary ratings, with the ‘prelim’ suffix, may be assigned to obligors or obligations, including financial programs, in the circumstances described below. Assignment of a final rating is conditional on the receipt by S&P Global Ratings of appropriate documentation. S&P Global Ratings reserves the right not to issue a final rating. Moreover, if a final rating is issued, it may differ from the preliminary rating.

- Preliminary ratings may be assigned to obligations, most commonly structured and project finance issues, pending receipt of final documentation and legal opinions.
- Preliminary ratings may be assigned to obligations that will likely be issued upon the obligor’s emergence from bankruptcy or similar reorganization, based on late-stage reorganization plans, documentation, and discussions with the obligor. Preliminary ratings may also be assigned to the obligors. These ratings consider the anticipated general credit quality of the reorganized or post-bankruptcy issuer as well as attributes of the anticipated obligation(s).
- Preliminary ratings may be assigned to entities that are being formed or that are in the process of being independently established when, in S&P Global Ratings’ opinion, documentation is close to final. Preliminary ratings may also be assigned to the obligations of these entities.
- Preliminary ratings may be assigned when a previously unrated entity is undergoing a well-formulated restructuring, recapitalization, significant financing, or other transformative event, generally at the point that investor or lender commitments are invited. The preliminary rating may be assigned to the entity and to its proposed obligation(s). These preliminary ratings consider the anticipated general credit quality of the obligor, as well as attributes of the anticipated obligation(s), assuming successful completion of the transformative event. Should the transformative event not occur, S&P Global Ratings would likely withdraw these preliminary ratings.
- A preliminary recovery rating may be assigned to an obligation that has a preliminary issue credit rating.

4. Termination structures: 't' qualifier

This symbol indicates termination structures that are designed to honor their contracts to full maturity or, should certain events occur, to terminate and cash settle all their contracts before their final maturity date.

5. Counterparty instrument rating: 'cir' qualifier

This symbol indicates a counterparty instrument rating (CIR), which is a forward-looking opinion about the creditworthiness of an issuer in a securitization structure with respect to a specific financial obligation to a counterparty (including interest rate swaps, currency swaps, and liquidity facilities). The CIR is determined on an ultimate payment basis; these opinions do not take into account timeliness of payment.

Inactive Qualifiers

Inactive qualifiers are no longer applied or outstanding.

1. Contingent upon final documentation: '' inactive qualifier**

This symbol indicated that the rating was contingent upon S&P Global Ratings' receipt of an executed copy of the escrow agreement or closing documentation confirming investments and cash flows. Discontinued use in August 1998.

2. Termination of obligation to tender: 'c' inactive qualifier

This qualifier was used to provide additional information to investors that the bank may terminate its obligation to purchase tendered bonds if the long-term credit rating of the issuer was lowered to below an investment-grade level and/or the issuer's bonds were deemed taxable. Discontinued use in January 2001.

3. U.S. direct government securities: 'G' inactive qualifier

The letter 'G' followed the rating symbol when a fund's portfolio consisted primarily of direct U.S. government securities.

4. Public information ratings: 'pi' qualifier

This qualifier was used to indicate ratings that were based on an analysis of an issuer's published financial information, as well as additional information in the public domain. Such ratings did not, however, reflect in-depth meetings with an issuer's management and therefore could have been based on less comprehensive information than ratings without a 'pi' suffix. Discontinued use as of December 2014 and as of August 2015 for Lloyd's Syndicate Assessments.

5. Provisional ratings: 'pr' inactive qualifier

The letters 'pr' indicate that the rating was provisional. A provisional rating assumed the successful completion of a project financed by the debt being rated and indicates that payment of debt service requirements was largely or entirely dependent upon the successful, timely completion of the project. This rating, however, while addressing credit quality subsequent to completion of the project, made no comment on the likelihood of or the risk of default upon failure of such completion.

6. Quantitative analysis of public information: 'q' inactive qualifier

A 'q' subscript indicates that the rating is based solely on quantitative analysis of publicly available information. Discontinued use in April 2001.

7. Extraordinary risks: 'r' inactive qualifier

The 'r' modifier was assigned to securities containing extraordinary risks, particularly market risks, that are not covered in the credit rating. The absence of an 'r' modifier should not be taken as an indication that an obligation would not exhibit extraordinary noncredit-related risks. S&P Global Ratings discontinued the use of the 'r' modifier for most obligations in June 2000 and for the balance of obligations (mainly structured finance transactions) in November 2002.

Active Identifiers

1. Unsolicited: 'unsolicited' and 'u' identifier

The 'u' identifier and 'unsolicited' designation are assigned to credit ratings initiated by parties other than the issuer or its agents, including those initiated by S&P Global Ratings.

2. Structured finance: 'sf' identifier

The 'sf' identifier shall be assigned to ratings on "structured finance instruments" when required to comply with applicable law or regulatory requirement or when S&P Global Ratings believes it appropriate. The addition of the 'sf' identifier to a

rating does not change that rating's definition or our opinion about the issue's creditworthiness. For detailed information on the instruments assigned the 'sf' identifier, please see "VII. APPENDIX: Types of Instruments Carrying The 'sf' Identifier"

Local Currency and Foreign Currency Ratings

S&P Global Ratings' issuer credit ratings make a distinction between foreign currency ratings and local currency ratings. An issuer's foreign currency rating will differ from its local currency rating when the obligor has a different capacity to meet its obligations denominated in its local currency, vs. obligations denominated in a foreign currency.

Moody's Credit Rating Definitions

Purpose

Since John Moody devised the first bond ratings more than a century ago, Moody's rating systems have evolved in response to the increasing depth and breadth of the global capital markets. Much of the innovation in Moody's rating system is a response to market needs for clarity around the components of credit risk or to demand for finer distinctions in rating classifications.

Rating Symbols

Gradations of creditworthiness are indicated by rating symbols, with each symbol representing a group in which the credit characteristics are broadly the same. There are nine symbols as shown below, from that used to designate least credit risk to that denoting greatest credit risk:

Aaa Aa A Baa Ba B Caa Ca C

Moody's appends numerical modifiers 1, 2, and 3 to each generic rating classification from Aa through Caa.

Absence of a Rating

Where no rating has been assigned or where a rating has been withdrawn, it may be for reasons unrelated to the creditworthiness of the issue.

Should no rating be assigned, the reason may be one of the following:

1. An application was not received or accepted.
2. The issue or issuer belongs to a group of securities or entities that are not rated as a matter of policy.
3. There is a lack of essential data pertaining to the issue or issuer.
4. The issue was privately placed, in which case the rating is not published in Moody's publications.

Withdrawal may occur if new and material circumstances arise, the effects of which preclude satisfactory analysis; if there is no longer available reasonable up-to-date data to permit a judgment to be formed; if a bond is called for redemption; or for other reasons.

Changes in Rating

The credit quality of most issuers and their obligations is not fixed and steady over a period of time, but tends to undergo change. For this reason changes in ratings occur so as to reflect variations in the intrinsic relative position of issuers and their obligations.

A change in rating may thus occur at any time in the case of an individual issue. Such rating change should serve notice that Moody's observes some alteration in creditworthiness, or that the previous rating did not fully reflect the quality of the bond as now seen. While because of their very nature, changes are to be expected more frequently among bonds of lower ratings than among bonds of higher ratings. Nevertheless, the user of bond ratings should keep close and constant check on all ratings — both high and low — to be able to note promptly any signs of change in status that may occur.

Limitations to Uses of Ratings*

Obligations carrying the same rating are not claimed to be of absolutely equal credit quality. In a broad sense, they are alike in position, but since there are a limited number of rating classes used in grading thousands of bonds, the symbols cannot reflect the same shadings of risk which actually exist.

As ratings are designed exclusively for the purpose of grading obligations according to their credit quality, they should not be used alone as a basis for investment operations. For example, they have no value in forecasting the direction of future trends of market price. Market price movements in bonds are influenced not only by the credit quality of individual issues but also by changes in money rates and general economic trends, as well as by the length of maturity, etc. During its life even the highest rated bond may have wide price movements, while its high rating status remains unchanged.

The matter of market price has no bearing whatsoever on the determination of ratings, which are not to be construed as recommendations with respect to "attractiveness". The attractiveness of a given bond may depend on its yield, its maturity date or other factors for which the investor may search, as well as on its credit quality, the only characteristic to which the rating refers.

Since ratings involve judgements about the future, on the one hand, and since they are used by investors as a means of protection, on the other, the effort is made when assigning ratings to look at "worst" possibilities in the "visible" future, rather than solely at the past record and the status of the present. Therefore, investors using the rating should not expect to find in them a reflection of statistical factors alone, since they are an appraisal of long-term risks, including the recognition of many non-statistical factors.

Though ratings may be used by the banking authorities to classify bonds in their bank examination procedure, Moody's ratings are not made with these bank regulations in mind. Moody's Investors Service's own judgement as to the desirability or non-desirability of a bond for bank investment purposes is not indicated by Moody's ratings.

Moody's ratings represent the opinion of Moody's Investors Service as to the relative creditworthiness of securities. As such, they should be used in conjunction with the descriptions and statistics appearing in Moody's publications. Reference should be made to these statements for information regarding the issuer. Moody's ratings are not commercial credit ratings. In no case is default or receivership to be imputed unless expressly stated.

**As set forth more fully on the copyright, credit ratings are, and must be construed solely as, statements of opinion and not statements of fact or recommendations to purchase, sell or hold any securities. Each rating or other opinion must be weighed solely as one factor in any investment decision made by or on behalf of any user of the information, and each such user must accordingly make its own study and evaluation of each security and of each issuer and guarantor of, and each provider of credit support for, each security that it may consider purchasing, selling or holding.*

Short-Term Obligation Ratings

Ratings assigned on Moody's global long-term and short-term rating scales are forward-looking opinions of the relative credit risks of financial obligations issues by non-financial corporates, financial institutions, structured finance vehicles, project finance vehicles, and public sector entities. Long-term ratings are assigned to issuers or obligations with an original maturity of one year or more and reflect both on the likelihood of a default on contractually promised payments and the expected financial loss suffered in the event of default. Short-term ratings are assigned to obligations with an original maturity of thirteen months or less and reflect the likelihood of a default on contractually promised payments and the expected financial loss suffered in the event of default.

Moody's employs the following designations to indicate the relative repayment ability of rated issuers:

P-1

Issuers (or supporting institutions) rated Prime-1 have a superior ability to repay short-term debt obligations.

P-2

Issuers (or supporting institutions) rated Prime-2 have a strong ability to repay short-term debt obligations.

P-3

Issuers (or supporting institutions) rated Prime-3 have an acceptable ability to repay short-term obligations.

NP

Issuers (or supporting institutions) rated Not Prime do not fall within any of the Prime rating categories.

The following table indicates the long-term ratings consistent with different short-term ratings when such long-term ratings exist.

SHORT-TERM VS. LONG-TERM RATINGS

LONG-TERM RATING	SHORT-TERM CP
Aaa	Prime-1
Aa1	
Aa2	
Aa3	
A1	Prime-2
A2	
A3	
Baa1	Prime-3
Baa2	
Baa3	
Ba1, Ba2, Ba3	Not Prime
B1, B2, B3	
Caa1, Caa2, Caa3	
Ca, C	

Fitch's National Credit Ratings

National scale ratings are an opinion of creditworthiness relative to the universe of issuers and issues within a single country. They are most commonly used in emerging market countries with sub- or low investment grade sovereign ratings on the international scale.

As creditworthiness can be expressed across the full range of the scale, a national scale can enable greater rating differentiation within a market than the international scale, particularly in highly speculative grade countries where ratings tend to cluster around the often low sovereign rating due to higher risks associated with a more volatile operating environment.

A "+" or "-" may be appended to a National Rating to denote relative status within a major rating category. Such suffixes are not added to the 'AAA(xxx)' National Rating category, to categories below 'CCC(xxx)', or to Short-Term National Ratings other than 'F1(xxx)'.

National scale ratings are assigned on the basis that the "best credits or issuers" in the country are rated 'AAA' on the national scale. National Ratings are then assessed using the full range of the national scale based on a comparative analysis of issuers rated under the same national scale to establish a relative ranking of credit worthiness.

At any given point in time, there is a certain relationship between National and International Ratings but there is not a precise translation between the scales. Fitch monitors the ratings relationship of issuers rated on both the international and national scales to ensure the consistency of rating relativities across scales. In other words, if issuer "X" is rated higher than issuer "Y" on one scale, issuer "X" cannot be rated lower than issuer "Y" on the other scale.

National Ratings for local issuers exclude the effects of sovereign and transfer risk and exclude the possibility that investors may be unable to repatriate any due interest and principal repayments. Comparisons between different national scales or between an individual national scale and the international rating scale are therefore inappropriate and potentially misleading.

In certain countries, regulators have established credit rating scales to be used within their domestic markets using specific nomenclature. In these countries, the agency's National Rating definitions may be substituted by the regulatory scales. For instance Fitch's National Short Term Ratings of 'F1+(xxx)', 'F1(xxx)', 'F2(xxx)' and 'F3(xxx)' may be substituted by the regulatory scales, e.g. 'A1+', 'A1', 'A2' and 'A3'. The below definitions thus serve as a template, but users should consult the individual scales for each country listed on Fitch's regional websites to determine if any additional or alternative category definitions apply.

Fitch maintains internal mapping tables that document the current relationship between the National and International Local Currency Ratings in each jurisdiction where we maintain a National Rating scale in order to serve as a tool for analysts. Where our National rating coverage exceeds a minimum threshold and there is external demand, these mappings will be published on this site. Presently, publicly available mappings can be accessed here. Fitch currently publishes the mapping tables for Brazil and South Africa.

Limitations of the National Rating Scale

Specific limitations relevant to National Rating scale include:

- National scale ratings are only available in selected countries.
- National scale ratings are only directly comparable with other national ratings in the same country. There is a certain correlation between national and global ratings but there is not a precise translation between the scales. The implied vulnerability to default of a given national scale rating will vary over time.
- The value of default studies for National Ratings is limited. Due to the relative nature of national scales, a given national scale rating is not intended to represent a fixed amount of default risk over time. As a result, a default study using only National Ratings may not give an accurate picture of the historical relationship between ratings and default risk. Users should exercise caution in making inferences relating to the relative vulnerability to default of national scale ratings using the historical default experience with International Ratings and mapping tables to link the National and International ratings. As with ratings on any scale, the future will not necessarily follow the past.

National Short-Term Credit Ratings

F1(xxx)

Indicates the strongest capacity for timely payment of financial commitments relative to other issuers or obligations in the same country. Under the agency's National Rating scale, this rating is assigned to the lowest default risk relative to others in the same country. Where the liquidity profile is particularly strong, a "+" is added to the assigned rating.

F2(xxx)

Indicates a good capacity for timely payment of financial commitments relative to other issuers or obligations in the same country. However, the margin of safety is not as great as in the case of the higher ratings.

F3(xxx)

Indicates an adequate capacity for timely payment of financial commitments relative to other issuers or obligations in the same country or monetary union.

B(xxx)

Indicates an uncertain capacity for timely payment of financial commitments relative to other issuers or obligations in the same country or monetary union.

C(xxx)

Indicates a highly uncertain capacity for timely payment of financial commitments relative to other issuers or obligations in the same country or monetary union.

RD(xxx): Restricted default

Indicates an entity that has defaulted on one or more of its financial commitments, although it continues to meet other financial obligations. Applicable to entity ratings only.

D(xxx)

Indicates a broad-based default event for an entity, or the default of a short-term obligation.

Notes to Long-Term and Short-Term National Ratings:

The ISO international country code is placed in parentheses immediately following the rating letters to indicate the identity of the National market within which the rating applies. For illustrative purposes, (xxx) has been used.

"+" or "-" may be appended to a National Rating to denote relative status within a major rating category. Such suffixes are not added to the 'AAA(xxx)' Long-Term National Rating category, to categories below 'CCC(xxx)', or to Short-Term National Ratings other than 'F1(xxx).'

LONG-TERM RATINGS

S & P Global Ratings Long-Term Issue Credit Ratings

Issue credit ratings are based, in varying degrees, on S & P Global Ratings analysis of the following considerations:

- Likelihood of payment—the capacity and willingness of the obligor to meet its financial commitment on an obligation in accordance with the terms of the obligation;
- Nature of and provisions of the obligation and the promise we impute; and
- Protection afforded by, and relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under the laws of bankruptcy and other laws affecting creditors' rights.
-

An issue rating is an assessment of default risk, but may incorporate an assessment of relative seniority or ultimate recovery in the event of default. Junior obligations are typically rated lower than senior obligations, to reflect the lower priority in bankruptcy, as noted above. (Such differentiation may apply when an entity has both senior and subordinated obligations, secured and unsecured obligations, or operating company and holding company obligations.)

Long-Term Issuer Credit Ratings

AAA

An obligation rated 'AAA' has the highest rating assigned by S & P Global Ratings. The obligor's capacity to meet its financial commitment on the obligation is extremely strong.

AA

An obligation rated 'AA' differs from the highest-rated obligations only to a small degree. The obligor's capacity to meet its financial commitment on the obligation is very strong.

A

An obligation rated 'A' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher-rated categories. However, the obligor's capacity to meet its financial commitment on the obligation is still strong.

BBB

An obligation rated 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.

BB; B; CCC; CC; and C

Obligations rated 'BB', 'B', 'CCC', 'CC', and 'C' are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'C' the highest. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.

BB

An obligation rated 'BB' is less vulnerable to nonpayment than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions which could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.

B

An obligation rated 'B' is more vulnerable to nonpayment than obligations rated 'BB', but the obligor currently has the capacity to meet its financial commitment on the obligation. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment on the obligation.

CCC

An obligation rated 'CCC' is currently vulnerable to nonpayment, and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation. In the event of adverse business, financial, or economic conditions, the obligor is not likely to have the capacity to meet its financial commitment on the obligation.

CC

An obligation rated 'CC' is currently highly vulnerable to nonpayment. The 'CC' rating is used when a default has not yet occurred, but S & P Global Ratings expects default to be a virtual certainty, regardless of the anticipated time to default.

C

An obligation rated 'C' is currently highly vulnerable to nonpayment, and the obligation is expected to have lower relative seniority or lower ultimate recovery compared with obligations that are rated higher.

D

An obligation rated 'D' is in default or in breach of an imputed promise. For non-hybrid capital instruments, the 'D' rating category is used when payments on an obligation are not made on the date due, unless S&P Global Ratings believes that such payments will be made within five business days in the absence of a stated grace period or within the earlier of the stated grace period or 30 calendar days. The 'D' rating also will be used upon the filing of a bankruptcy petition or the taking of similar action and where default on an obligation is a virtual certainty, for example due to automatic stay provisions. An obligation's rating is lowered to 'D' if it is subject to a distressed exchange offer.

Plus (+) or minus (-)

The ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the major rating categories.

See active and inactive qualifiers following S & P Global Ratings Short-Term Issue Credit Ratings beginning on pages A-2 and A-3.

Moody's Long-Term Obligation Ratings

Long-Term Obligation Ratings

Long-term ratings are assigned to issuers or obligations with an original maturity of one year or more and reflect both on the likelihood of a default or impairment on contractual financial obligations and the expected financial loss suffered in the event of default or impairment. Short-term ratings are assigned to obligations with an original maturity of thirteen months or less and reflect both on the likelihood of a default or impairment on contractual financial obligations and the expected financial loss suffered in the event of default or impairment.

Moody's Long-Term Rating Definitions:

Aaa

Obligations rated Aaa are judged to be of the highest quality, subject to the lowest level of credit risk.

Aa

Obligations rated Aa are judged to be of high quality and are subject to very low credit risk.

A

Obligations rated A are considered upper-medium grade and are subject to low credit risk.

Baa

Obligations rated Baa are judged to be medium-grade and subject to moderate credit risk and as such may possess certain speculative characteristics.

Ba

Obligations rated Ba are judged to be speculative and are subject to substantial credit risk.

B

Obligations rated B are considered speculative and are subject to high credit risk.

Caa

Obligations rated Caa are judged to be speculative of poor standing and are subject to very high credit risk.

Ca

Obligations rated Ca are highly speculative and are likely in, or very near, default, with some prospect of recovery of principal and interest.

C

Obligations rated C are the lowest rated and are typically in default, with little prospect for recovery of principal or interest.

Note: Moody's appends numerical modifiers 1, 2, and 3 to each generic rating classification from Aa through Caa. The modifier 1 indicates that the obligation ranks in the higher end of its generic rating category; the modifier 2 indicates a mid-range ranking; and the modifier 3 indicates a ranking in the lower end of that generic rating category. Additionally, a "(hyb)" indicator is appended to all ratings of hybrid securities issued by banks, insurers, finance companies, and securities firms.*

** By their terms, hybrid securities allow for the omission of scheduled dividends, interest, or principal payments, which can potentially result in impairment if such an omission occurs. Hybrid securities may also be subject to contractually allowable write-downs of principal that could result in impairment. Together with the hybrid indicator, the long-term obligation rating assigned to a hybrid security is an expression of the relative credit risk associated with that security.*

Fitch's National Long-Term Credit Ratings

AAA(xxx)

'AAA' National Ratings denote the highest rating assigned by the agency in its National Rating scale for that country. This rating is assigned to issuers or obligations with the lowest expectation of default risk relative to all other issuers or obligations in the same country or monetary union.

AA(xxx)

'AA' National Ratings denote expectations of very low default risk relative to other issuers or obligations in the same country or monetary union. The default risk inherent differs only slightly from that of the country's highest rated issuers or obligations.

A(xxx)

'A' National Ratings denote expectations of low default risk relative to other issuers or obligations in the same country or monetary union.

BBB(xxx)

'BBB' National Ratings denote a moderate default risk relative to other issuers or obligations in the same country or monetary union.

BB(xxx)

'BB' National Ratings denote an elevated default risk relative to other issuers or obligations in the same country or monetary union.

B(xxx)

'B' National Ratings denote a significantly elevated default risk relative to other issuers or obligations in the same country or monetary union.

CCC(xxx) 'CCC' National Ratings denote very high default risk relative to other issuers or obligations in the same country or monetary union.

CC(xxx) 'CC' National Ratings denote default risk is among the highest relative to other issuers or obligations in the same country or monetary union.

C(xxx) A default or default-like process has begun, or the issuer is in standstill, or for a closed funding vehicle, payment capacity is irrevocably impaired. Conditions that are indicative of a 'C' category rating for an issuer include:

- a. the issuer has entered into a grace or cure period following non-payment of a material financial obligation;
- b. the issuer has entered into a temporary negotiated waiver or standstill agreement following a payment default on a material financial obligation;
- c. the formal announcement by the issuer or their agent of a distressed debt exchange; and
- d. a closed financing vehicle where payment capacity is irrevocably impaired such that it is not expected to pay interest and/or principal in full during the life of the transaction, but where no payment default is imminent

RD(xxx): Restricted default.

'RD' ratings indicated that an issuer that in Fitch Ratings' opinion has experienced an uncured payment default on a bond, loan or other material financial obligation but which has not entered into bankruptcy filings, administration, receivership, liquidation or other formal winding-up procedure, and which has not otherwise ceased business. This would include:

- a. the selective payment default on a specific class or currency of debt;
- b. the uncured expiry of any applicable grace period, cure period or default forbearance period following a payment default on a bank loan, capital markets security or other material financial obligation;
- c. the extension of multiple waivers or forbearance periods upon a payment default on one or more material financial obligations either in series or in parallel; or
- d. execution of a distressed debt exchange on one or more material financial obligations.

D(xxx)

'D' National Ratings denote an issuer or instrument that is currently in default.

Notes to Long-Term and Short-Term National Ratings:

The ISO International Country Code is placed in parentheses immediately following the rating letters to indicate the identity of the National market within which the rating applies. For illustrative purposes, (xxx) has been used.

“+” or “-” may be appended to a National Rating to denote relative status within a major rating category. Such suffixes are not added to the ‘AAA(xxx)’ Long-Term National Rating category, to categories below ‘CCC(xxx)’, or to Short-Term National Ratings other than ‘F1(xxx).’

MUNICIPAL NOTE RATINGS

S & P Global Ratings Municipal Short-Term Note Ratings Definitions

An S & P Global Ratings U.S. municipal note rating reflects S & P Global Ratings' opinion about the liquidity factors and market access risks unique to the notes. Notes due in three years or less will likely receive a note rating. Notes with an original maturity of more than three years will most likely receive a long-term debt rating. In determining which type of rating, if any, to assign, S & P Global Ratings analysis will review the following considerations:

- **Amortization schedule—the larger the final maturity relative to other maturities, the more likely it will be treated as a note; and**
- **Source of payment—the more dependent the issue is on the market for its refinancing, the more likely it will be treated as a note.**

Note rating symbols are as follows:

SP-1

Strong capacity to pay principal and interest. An issue determined to possess a very strong capacity to pay debt service is given a plus (+) designation.

SP-2

Satisfactory capacity to pay principal and interest, with some vulnerability to adverse financial and economic changes over the term of the notes.

SP-3

Speculative capacity to pay principal and interest.

D

'D' is assigned upon failure to pay the note when due, completion of a distressed exchange offer, or the filing of a bankruptcy petition or the taking of similar action and where default on an obligation is a virtual certainty, for example due to automatic stay provisions

See active and inactive qualifiers following S & P Global Ratings Short-Term Issue Credit Ratings beginning on page A-2.

Moody's US Municipal Short-Term Debt And Demand Obligation Ratings

Short-Term Obligation Ratings

We use the global short-term Prime rating scale for commercial paper issued by US Municipalities and nonprofits. These commercial paper programs may be backed by external letters of credit or liquidity facilities, or by an issuer's self-liquidity. For other short-term municipal obligations we use one of two other short-term rating scales, the Municipal Investment Grade (MIG) and Variable Municipal Investment Grade (VMIG) scales discussed below.

We use the MIG scale for US municipal cash flow notes, bond anticipation notes and certain other short-term obligations, which typically mature in three years or less. Under certain circumstances, we use the MIG scale for bond anticipation notes with maturities of up to five years.

MIG 1

This designation denotes superior credit quality. Excellent protection is afforded by established cash flows, highly reliable liquidity support, or demonstrated broad-based access to the market for refinancing.

MIG 2

This designation denotes strong credit quality. Margins of protection are ample, although not as large as in the preceding group.

MIG 3

This designation denotes acceptable credit quality. Liquidity and cash-flow protection may be narrow, and market access for refinancing is likely to be less well-established.

SG

This designation denotes speculative-grade credit quality. Debt instruments in this category may lack sufficient margins of protection.

Standard Linkage Between the Long-Term and MIG Short-Term Rating Scale

The following table indicates the municipal long-term ratings consistent with different MIG short-term ratings.

LONG-TERM RATING	EQUIVALENT SHORT-TERM MIG SCALE RATING
Aaa Aa1 Aa2 Aa3 A1 A2 A3	MIG 1
Baa1 Baa2 Baa3	MIG 2
Ba1, Ba2, Ba3 B1, B2, B3, Caa1, Caa2, Caa3 Ca, C	MIG 3
	SG

Demand Obligation Ratings

In the case of variable rate demand obligations (VRDOs), a two-component rating is assigned. The components are a long-term rating and a short-term demand obligation rating. The long-term rating addresses the issuer’s ability to meet scheduled principal and interest payments. The short-term demand obligation rating addresses the ability of the issuer or the liquidity provider to make payments associated with the purchase-price-upon-demand feature (“demand feature”) of the VRDO. The short-term demand obligation rating uses the VMIG scale. VMIG ratings with liquidity support use as an input the short-term Counterparty Risk Assessment of the support provider, or the long-term rating of the underlying obligor in the absence of third party liquidity support. Transitions of VMIG ratings of demand obligations with conditional liquidity support differ from transitions on the Prime scale to reflect the risk that external liquidity support will terminate if the issuer’s long-term rating drops below investment grade. Please see our methodology that discusses demand obligations with conditional liquidity support.

We typically assign the VMIG short-term demand obligation rating if the frequency of the demand feature is less than every three years. If the frequency of the demand feature is less than three years but the purchase price is payable only with remarketing proceeds, the short-term demand obligation rating is “NR”.

VMIG 1

This designation denotes superior credit quality. Excellent protection is afforded by the superior short-term credit strength of the liquidity provider and structural and legal protections that ensure the timely payment of purchase price upon demand.

VMIG 2

This designation denotes strong credit quality. Good protection is afforded by the strong short-term credit strength of the liquidity provider and structural and legal protections that ensure the timely payment of purchase price upon demand.

VMIG 3

This designation denotes acceptable credit quality. Adequate protection is afforded by the satisfactory short-term credit strength of the liquidity provider and structural and legal protections that ensure the timely payment of purchase price upon demand.

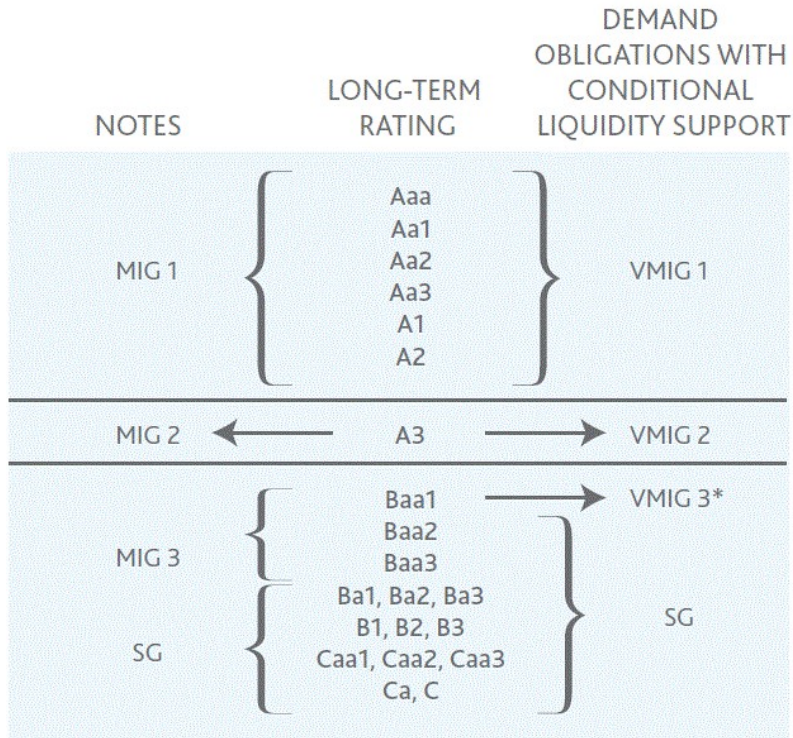
SG

This designation denotes speculative-grade credit quality. Demand features rated in this category may be supported by a liquidity provider that does not have an investment grade short-term rating or may lack the structural and/or legal protections necessary to ensure the timely payment of purchase price upon demand.

* For VRDBs supported with conditional liquidity support, short-term ratings transition down at higher long-term ratings to reflect the risk of termination of liquidity support as a result of a downgrade below investment grade.

VMIG ratings of VRDBs with unconditional liquidity support reflect the short-term debt rating (or counterparty assessment) of the liquidity support provider with VMIG 1 corresponding to P-1, VMIG 2 to P-2, VMIG 3 to P-3 and SG to not prime.

US MUNICIPAL SHORT-TERM VS. LONG-TERM RATINGS



*For SBPA-backed VRDBs, The rating transitions are higher to allow for distance to downgrade to below investment grade due to the presence of automatic termination events in the SBPAs.

Reviewed March 31, 2021