CALAMOS GLOBAL TOTAL RETURN FUND Form N-CSRS June 21, 2016 Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED

MANAGEMENT INVESTMENT COMPANIES

INVESTMENT COMPANY ACT FILE NUMBER: 811-21547

EXACT NAME OF REGISTRANT AS SPECIFIED IN CHARTER: Calamos Global Total Return Fund

ADDRESS OF PRINCIPAL EXECUTIVE OFFICES: 2020 Calamos Court, Naperville,

Illinois 60563-2787

NAME AND ADDRESS OF AGENT FOR SERVICE: John P. Calamos, Sr., President,

Calamos Advisors LLC

2020 Calamos Court

Naperville, Illinois

60563-2787

REGISTRANT S TELEPHONE NUMBER, INCLUDING AREA CODE: (630) 245-7200

DATE OF FISCAL YEAR END: October 31, 2016

DATE OF REPORTING PERIOD: November 1, 2015 through April 30, 2016

Item 1. Report to Shareholders

Experience and Foresight

About Calamos Investments

For over 35 years, we have helped investors like you manage and build wealth to meet their long-term individual objectives by working to capitalize on the opportunities of the evolving global marketplace. We launched our first mutual fund in 1985 and our first closed-end fund in 2002. Today, we manage six closed-end funds. Three are enhanced fixed income offerings, which pursue high current income from income and capital gains. Three are income-oriented total return offerings, which seek current income, with increased emphasis on capital gains potential. Calamos Global Total Return Fund (CGO), falls into this latter category. Please see page 4 for a more detailed overview of our closed-end offerings.

We are dedicated to helping our clients build and protect wealth. We understand when you entrust us with your assets, you also entrust us with your achievements, goals and aspirations. We believe we best honor this trust by making investment decisions guided by integrity, by discipline, and by our conscientious research.

We believe an active, risk-conscious approach is essential for wealth creation. In the 1970s, we pioneered strategies that seek to participate in equity market upside and mitigate some of the potential risks of equity market volatility. Our investment process seeks to manage risk at multiple levels and draws upon our experience investing through multiple market cycles.

We have a global perspective. We believe globalization offers tremendous opportunities for countries and companies all over the world. In our view, this creates significant opportunities for investors. In our U.S., global and international portfolios, we are seeking to capitalize on the potential growth of the global economy.

We believe there are opportunities in all markets. Our history traces back to the 1970s, a period of significant volatility and economic concerns. We have invested through multiple market cycles, each with its own challenges. Out of this experience comes our belief that the flipside of volatility is opportunity.

| TABLE OF CONTENTS | |
|---|----|
| Letter to Shareholders | 1 |
| The Calamos Closed-End Funds: | |
| An Overview | 4 |
| Investment Team Discussion | 5 |
| Schedule of Investments | 8 |
| Statement of Assets and Liabilities | 12 |
| Statement of Operations | 13 |
| Statements of Changes In Net Assets | 14 |
| Statement of Cash Flows | 15 |
| Notes to Financial Statements | 16 |
| Financial Highlights | 25 |
| Report of Independent Registered Public Accounting Firm | 26 |
| About Closed-End Funds | 27 |
| <u>Level Rate Distribution Policy</u> | 28 |
| Automatic Dividend Reinvestment Plan | 28 |
| | |

Letter to Shareholders

JOHN P. CALAMOS, SR.

Founder, Chairman and Global Chief Investment Officer

Dear Fellow Shareholder:

Welcome to your semiannual report for the six-month period ended April 30, 2016. In this report, you will find commentary from the management team, as well as a listing of portfolio holdings, financial statements and highlights, and detailed information about the Fund s performance and positioning. I invite you to review not only the commentary for this Fund, but also to discuss with your financial advisor if there are other Calamos funds that could be suitable for your asset allocation.

Calamos Global Total Return Fund (CGO) is an income-oriented total return fund. This means we are focused not only on delivering a competitive stream of distributions, but also on total return. We utilize dynamic asset allocation to pursue high current income with a less rate-sensitive approach, while also maintaining a focus on capital gains.

Distributions

During the period, the Fund provided a compelling monthly distribution of \$0.1000 per share. We believe the Fund s current annualized distribution rate, which was 10.90%* on a market price basis as of April 30, 2016, was very competitive, given the low interest rates in many segments of the bond market. In our view, the Fund s distributions illustrate the benefits of a multi-asset class approach and flexible allocation strategy.

We understand that many closed-end fund investors seek steady, predictable distributions instead of distributions that fluctuate. Therefore, this Fund has a level rate distribution policy. As part of this policy, we aim to keep distributions consistent from month to month, and at a level that we believe can be sustained over the long term. In setting the Fund s distribution rate, the investment management team and the Fund s Board of Trustees consider the interest rate, market and economic environment. We also factor in our assessment of individual securities and asset classes. (For additional information on our level rate distribution policy, please see The Calamos Closed-End Funds: An Overview on page 4 and Level Rate Distribution Policy on page 28.)

* Current Annualized Distribution Rate is the Fund s most recent distribution, expressed as an annualized percentage of the Fund s current market price per share. The Fund s 4/15/16 distribution was \$0.1000 per share. Based on our current estimates, we anticipate that approximately \$0.0000 is paid from ordinary income or capital gains and that approximately \$0.1000 represents a return of capital. Estimates are calculated on a tax basis rather than on a generally accepted accounting principles (GAAP) basis, but should not be used for tax reporting purposes. Distributions are subject to re-characterization for tax purposes after the end of the fiscal year. This information is not legal or tax advice. Consult a professional regarding your specific legal or tax matters. Under the Fund s level rate distribution policy, distributions paid to common shareholders may include net investment income, net realized short-term capital gains and return of capital. When the net investment income and net realized short-term capital gains are not sufficient, a portion of the level rate distribution will be a return of capital. In addition, a limited number of distributions per calendar year may include net realized long-term capital gains. Distribution rate may vary.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 1

Letter to Shareholders

Market Review

The reporting period proved to be an extremely turbulent time in the financial markets, as changing sentiment fueled volatility and market rotation. During the final months of 2015, investors appeared to show concern about low commodity prices, global economic growth forecasts, and the implications of central bank policies including the Federal Reserve s move to raise short-term interest rates for the first time since 2006.

As 2016 began, markets fell sharply as investor apprehension increased. By mid-February, investors appeared more confident about the health of the U.S. economy and the likelihood of fewer Fed increases, while commodity prices stabilized. This increased optimism drove a rally in emerging markets, high yield bonds, and value and cyclical stocks. (A stronger economic environment can provide tailwinds for cyclically oriented companies and fewer hurdles for companies with less robust growth prospects.)

On the whole, stocks from developed markets landed in negative territory, as the MSCI World Index fell 0.74%. Emerging market stocks were essentially flat, with a dip of 0.01% return for the MSCI Emerging Markets Index. Global convertibles outpaced their U.S. counterparts, as the U.S. index reflected the added headwinds faced by small and mid-cap companies during the period. The BofA Merrill Lynch Global 300 Convertible Index returned 0.83% while the BofA Merrill Lynch All U.S. Convertibles Index declined 2.88%. The Credit Suisse High Yield Index returned 1.73%.

Our Use of Leverage**

We have the flexibility to utilize leverage in this Fund. Over the long term, we believe that the judicious use of leverage provides us with opportunities to enhance total return and support the Fund s distribution rate. Leverage strategies typically entail borrowing at short-term interest rates and investing the proceeds at higher rates of return. During the reporting period, we believed the prudent use of leverage would be advantageous given the economic environment, specifically the low borrowing costs we were able to secure. Overall, we believe the use of leverage will contribute favorably to the returns of the Fund, as we anticipate that the performance of the Fund s holdings will exceed the cost of borrowing.

Outlook

We do not believe a U.S. recession is imminent, but the pace of expansion is likely to be measured in 2016. Similarly, we expect that the global economy will grow, but not at a robust pace overall. Around the world, fiscal policy remains an overarching cause of concern, as a lack of clarity on key regulatory issues casts a shadow over a number of sectors. We believe investors will be challenged by a host of uncertainties, including global growth concerns, the policies of the Fed and other central banks, the U.S. presidential election, commodity prices, and geopolitical uncertainties.

2 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

^{**} Leverage creates risks that may adversely affect return, including the likelihood of greater volatility of net asset value and market price of common shares, and fluctuations in the variable rates of the leverage financing. The Fund has a non-fundamental policy that it will not issue preferred shares, borrow money, or issue debt securities with an aggregate liquidation preference and aggregate principal amount exceeding 38% of the Fund s managed assets as measured immediately after the issuance of any preferred shares or debt. Prior to May 22, 2015, this leverage limitation was measured according to the Fund s total assets.

Letter to Shareholders

Our teams continue to identify opportunities in this slower growth environment, but they recognize that selectivity and risk management remain crucial. We believe investment opportunities exist across many asset classes, but selectivity remains paramount. During the reporting period, swings in market sentiment illustrated investors tendency to respond dramatically to events and data. Our portfolio management teams are holding to their long-term discipline, seeking to capitalize on short-term investor emotion as they position the funds for longer-term opportunities.

Conclusion

The market environment is always changing. To keep up-to-date on our views of the global financial markets and the opportunities that are emerging, I encourage you to visit our website on an ongoing basis. You ll find our blog and videos from our team, as well as a variety of pieces designed to help you and your financial advisor make sound asset allocation decisions that align with your long-term goals and risk tolerance.

As always, we thank you for your continued trust. All of us at Calamos Investments are honored that you have chosen us to help you achieve your financial goals.

Sincerely,

John P. Calamos, Sr.

Founder, Chairman and Global Chief Investment Officer

Before investing, carefully consider a Fund's investment objectives, risks, charges and expenses. Please see the prospectus containing this and other information or call 800.582.6959. Please read the prospectus carefully. Performance data represents past performance, which is no guarantee of future results. Current performance may be lower or higher than the performance quoted.

The MSCI World Index is a market-capitalization weighted index composed of companies representative of the market structure of developed market countries in North America, Europe and the Asia/Pacific region. The S&P 500 Index is an unmanaged index generally considered representative of the U.S. stock market. The MSCI Emerging Markets Index is a free float-adjusted market capitalization index considered broadly representative of emerging market equity performance. The index represents companies within the constituent emerging markets that are available to investors worldwide. The BofA ML All U.S. Convertibles Index represents the U.S. convertible securities market. The BofA ML Global 300 Convertible Index is a global convertible index composed of companies representative of the market structure of countries in North America, Europe and the Asia/Pacific region. The Credit Suisse High Yield Index is considered generally representative of the high-yield bond market. Sources: Lipper, Inc.

Unmanaged index returns assume reinvestment of any and all distributions and, unlike fund returns, do not reflect fees, expenses or sales charges. Investors cannot invest directly in an index. Investments in overseas markets pose special risks, including currency fluctuation and political risks. These risks are generally intensified for investments in emerging markets. Countries, regions, and sectors mentioned are presented to illustrate countries, regions, and sectors in which a fund may invest. Fund holdings are subject to change daily. The Fund is actively managed. The information contained herein is based on internal research derived from various sources and does not purport to be statements of all material facts relating to the securities mentioned. The information contained herein, while not guaranteed as to the accuracy or completeness, has been obtained from sources we believe to be reliable. There are certain risks involved with investing in convertible securities in addition to market risk, such as call risk, dividend risk, liquidity risk and default risk, that should be carefully considered prior to investing. This information is being provided for informational purposes only and should not be considered investment advice or an offer to buy or sell any security in the portfolio.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 3

The Calamos Closed-End Funds: An Overview

In our closed-end funds, we draw upon decades of investment experience, including a long history of opportunistically blending asset classes in an attempt to capture upside potential while seeking to manage downside risk. We launched our first closed-end fund in 2002.

Closed-end funds are long-term investments. Most focus on providing monthly distributions, but there are important differences among individual closed-end funds. Calamos closed-end funds can be grouped into multiple categories that seek to produce income while offering exposure to various asset classes and sectors.

| Portfolios Positioned to Pursue High Current Income from Income and Capital Gains | Portfolios Positioned to Seek Current Income, with Increased Emphasis on Capital Gains Potential |
|--|---|
| OBJECTIVE: U.S. ENHANCED FIXED INCOME Calamos Convertible Opportunities and Income Fund | OBJECTIVE: GLOBAL TOTAL RETURN Calamos Global Total Return Fund |
| (Ticker: CHI) Invests in high yield and convertible securities, primarily in U.S. markets | (Ticker: CGO) Invests in equities and higher-yielding convertible securities and corporate bonds, in both U.S. and non-U.S. markets |
| Calamos Convertible and High Income Fund | OBJECTIVE: U.S. TOTAL RETURN Calamos Strategic Total Return Fund |
| Ticker: CHY) (Invests in high yield and convertible securities, primarily in U.S. markets | (Ticker: CSQ) Invests in equities and higher-yielding convertible securities and corporate bonds, primarily in U.S. markets |
| OBJECTIVE: GLOBAL ENHANCED FIXED INCOME Calamos Global Dynamic Income Fund | Calamos Dynamic Convertible and Income Fund |
| (Ticker: CHW) Invests in global fixed income securities, alternative | (Ticker: CCD) Invests in convertibles and other fixed income securities |
| investments and equities | |

Our Level Rate Distribution Policy

Closed-end fund investors often look for a steady stream of income. Recognizing this, Calamos closed-end funds have a level rate distribution policy in which we aim to keep monthly income consistent through the disbursement of net investment income, net realized short-term capital gains and, if necessary, return of capital. We set distributions at levels that we believe are sustainable for the long term. Our team is focused on delivering an attractive monthly distribution, while maintaining a long-term focus on risk management. The level of the funds distributions can be greatly influenced by market conditions, including the interest rate environment. The funds distributions will depend on the individual performance of positions the funds hold, our view of the benefits of retaining leverage, fund tax considerations, and maintaining regulatory requirements.

For more information about any of these funds, we encourage you to contact your financial advisor or Calamos Investments at 800.582.6959 (Monday through Friday from 8:00 a.m. to 6:00 p.m., Central Time). You can also visit us at www.calamos.com.

For more information on our level rate distribution policy, please see page 28.

4 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Investment Team Discussion

GLOBAL TOTAL RETURN FUND (CGO)

INVESTMENT TEAM DISCUSSION

Please discuss the Fund s strategy and role within an asset allocation.

Calamos Global Total Return Fund (CGO) is a global total-return-oriented offering that seeks to provide an attractive monthly distribution. We invest in a diversified portfolio of global equities, convertible securities and high yield securities. The allocation to each asset class is dynamic and reflects our view of the economic landscape as well as the potential of individual securities. By combining these asset classes, we believe that we are well positioned to generate capital gains as well as income. This broader range of security types also provides us with what we believe to be increased opportunities to manage the risk/reward characteristics of the portfolio over full market cycles. Through this approach, we seek to offer investors an attractive monthly distribution as well as equity participation.

We believe having a relatively high level of exposure to convertible and equity assets is optimal for the portfolio and reflects our cautiously optimistic view of the global stock markets, albeit on a selective basis. We are finding opportunities that we believe to be attractive in the convertible market as issuance of these securities has expanded over the course of the year.

We invest in both U.S. and non-U.S. companies, favoring companies with geographically diversified revenue streams and global business strategies. We emphasize companies that we believe offer reliable debt servicing, respectable balance sheets and sustainable prospects for growth.

How did the Fund perform over the reporting period?

The Fund declined 2.90% on a net asset value (NAV) basis for the six-month period ended April 30, 2016. On a market price basis, the Fund decreased 2.78%. In comparison, the broad global equity market was down 0.74% for the same period, as measured by the MSCI World Index.

At the end of the reporting period, the Fund $\,$ s shares traded at a 9.90% discount to net asset value.

The Fund has a wide set of investment parameters that allow us to take advantage of investment opportunities across the world through many different types of investment vehicles. By optimizing the advantages of such flexibility, the Fund sought to invest opportunistically. We maintained exposure to the equity markets, which represented more than half of assets at the end of the period. In addition, both convertibles and high yield bonds provided income.

TOTAL RETURN* AS OF 4/30/16 Common Shares Inception 10/27/05

| | | | Since |
|-----------------|----------|---------|-------------|
| | 6 Months | 1 Year | Inception** |
| On Market Price | -2.78% | -12.85% | 5.79% |
| On NAV | -2.90% | -6.55% | 7.31% |

^{*}Total return measures net investment income and net realized gain or loss from Fund investments, and change in net unrealized appreciation and depreciation, assuming reinvestment of income and net realized gains distributions.

SECTOR WEIGHTINGS

| Information Technology | 24.8% |
|----------------------------|-------|
| Consumer Discretionary | 16.0 |
| Financials | 13.6 |
| Consumer Staples | 12.2 |
| Health Care | 11.7 |
| Industrials | 9.6 |
| Energy | 4.7 |
| Materials | 2.9 |
| Utilities | 1.8 |
| Telecommunication Services | 1.2 |

Sector Weightings are based on managed assets and may vary over time. Sector Weightings exclude any government/sovereign bonds or options on broad market indexes the Fund may hold.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 5

^{**}Annualized since inception.

Table of Contents Investment Team Discussion ASSET ALLOCATION AS OF 4/30/16 Fund asset allocations are based on total investments and may vary over time. SINCE INCEPTION MARKET PRICE AND NAV HISTORY THROUGH 4/30/16 Performance data quoted represents past performance, which is no guarantee of future results. Current performance may be lower or higher than the performance quoted. The principal value of an investment will fluctuate so that your shares, when sold, may be worth more or less than their original cost. Returns at NAV reflect the deduction of the Fund s management fee, debt leverage costs and all other applicable fees and expenses. You can obtain performance data current to the most recent month end by visiting www.calamos.com.

How do NAV and market price return differ?

Closed-end funds trade on exchanges, where the price of shares may be driven by factors other than the value of the underlying securities. The price of a share in the market is called market value. Market price may be influenced by factors unrelated to the performance of the fund s holdings, such as general market sentiment or future expectations. A fund s NAV return measures the actual return of the individual securities in the portfolio, less fund expenses. It also measures how a manager was able to capitalize on market opportunities. Because we believe closed-end funds are best utilized as a long-term holding within asset allocations, we believe that NAV return is the better measure of a fund s performance. However, when managing the fund, we strongly consider actions and policies that we believe will optimize its overall price performance and returns based on market value.

Please discuss the Fund s distributions during the period.

We employ a level rate distribution policy within this Fund with the goal of providing shareholders with a consistent distribution stream. In each month of the period, the Fund distributed \$0.1000 per share, resulting in a current annualized distribution rate of 10.90% of market price as of April 30, 2016.

We believe that both the Funds distribution rate and level remained attractive and competitive, as low interest rates limited yield opportunities in much of the marketplace. For example, as of April 30, 2016, the dividend yield of S&P 500 Index stocks averaged approximately 2.19%. Yields also were low within the U.S. government bond market, with the 10-year U.S. Treasury and 30-year U.S. Treasury yielding 1.83% and 2.68%,

respectively.

What factors influenced performance over the reporting period?

Our selection in and underweight to financials versus the MSCI World Index aided performance, in particular our investments in diversified banks and asset managers. In addition, our selection in consumer discretionary contributed, including selection in apparel, accessories and luxury goods.

6 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Investment Team Discussion

Conversely, our selection in industrials hindered performance, in particular within conglomerates. Also, selection in the oil and gas exploration and production industry of the energy sector impeded results.

How is the Fund positioned?

Given our outlook for a continued period of muted economic growth, we are favoring quality growth companies over cyclicals. We are emphasizing investments in companies with what we believe to be solid cash flow generation and stronger balance sheets. From a thematic and sector perspective, we see opportunities in the technology sector, consumer companies tied to global consumption, and businesses positioned to benefit from improving fundamentals in Europe. We are cautious about companies that we believe are vulnerable to regulatory headwinds, such as pharmaceutical companies.

We favor businesses with compelling growth opportunities and global revenue drivers. We also believe that businesses and individuals will remain focused on productivity enhancements, stimulating demand for technology and services. Additionally, we believe global demographics are providing opportunities in the information technology field, particularly within emerging market economies. Correspondingly, we maintain a heavy overweight position in this area relative to the MSCI World Index. Conversely, our weight to utilities is notably below the index weighting as we do not expect to see this area realizing optimal growth.

The average credit quality of the portfolio is higher than that of the Credit Suisse High Yield index. This is typical for the Fund, as our credit process tends to guide us away from the most speculative corporate securities. We currently view the lowest credit tiers of the market as less attractive because of valuations and our outlook for a slower-growth global economy.

We view the mid-grade credit quality space as particularly well priced, offering attractive levels of income with less exposure to potential inflation and higher interest rates. In addition, the mid-grade credit space also offers what we believe are far healthier companies than are available in the most speculative credit tiers. While the lowest-quality securities can offer higher yields, we find the healthier companies with improving credit profiles to be more suitable investments amid the current economic environment.

What are your closing thoughts for Fund shareholders?

Thus far, 2016 has delivered on the higher volatility, relatively lower total return environment we had anticipated at the start of the year. We anticipate that market volatility likely will continue as modest global economic growth, geopolitical tensions, upcoming elections and divergent central bank policies influence markets. Favorable factors within the U.S. include solid job creation, low interest rates and limited inflationary pressures. Potential risks to the economy include deflation, fiscal policy and onerous regulations. There are signs of improvement in Europe as we believe mixed but improved economic data reflects resilience despite persistent low inflation. Japan s economy remains lackluster, although there may be many bottom-up investment opportunities born out of increased capital efficiency. China s recent releases reveal a pickup in economic data but also divergence between weaker industrial data versus stronger demand in consumption and services. With this environment in mind, we believe our active and risk-managed investment approach positions us to take advantage of the volatility and opportunities in global equities and convertible securities.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 7

Schedule of Investments April 30, 2016 (Unaudited)

| PRINCIPAL AMOUNT CORPORATE BONDS (9.5%) | | VALUE | |
|---|--|----------|----|
| CORI ORATE BONDS (9.5 %) | Consumer Discretionary (5.0%) | | |
| 333,000 | CCO Holdings, LLC / CCO Holdings Capital Corp.~ 6.625%, 01/31/22 | \$ 353,8 | 13 |
| 695,000 | Dana Holding Corp.~ 6.750%, 02/15/21 | 720,62 | |
| 815,000 | L Brands, Inc.m 5.625%, 02/15/22 | 898,53 | 38 |
| 900,000 | Service Corp. Internationalµ 7.500%, 04/01/27 | 1,063,68 | 87 |
| 680,000 | Sirius XM Radio, Inc.~* 6.000%, 07/15/24 | 719,95 | 50 |
| 1,385,000 | Toll Brothers Finance Corp.m 4.000%, 12/31/18 | 1,437,80 | 03 |
| | | 5,194,4 | 19 |
| 45.000 | Financials (0.1%) | | |
| 45,000 | Ally Financial, Inc.~ 8.000%, 11/01/31 | 54,08 | 84 |
| | Health Care (1.4%) | | |
| 685,000 | Acadia Healthcare Company, Inc.~* 6.500%, 03/01/24 | 728,24 | 40 |
| 675,000 | HCA Holdings, Inc.~m^ 5.875%, 05/01/23 | 712,90 | 69 |
| | | 1,441,20 | 09 |
| | Industrials (1.6%) | | |
| | Icahn Enterprises, LPm | | |
| 860,000 | 4.875%, 03/15/19 | 858,38 | |
| 825,000 | 5.875%, 02/01/22~ | 791,48 | 84 |
| | | 1,649,8 | 72 |
| | Information Technology (0.7%) | | |
| 695,000 | First Data Corp.~m*^ 7.000%, 12/01/23 | 717,58 | 88 |
| | Materials (0.7%) | | |
| 800,000 | New Gold, Inc.m* 6.250%, 11/15/22 | 738,00 | 00 |
| | TOTAL CORPORATE BONDS | | |
| | (Cost \$9,613,376) | 9,795,1 | 72 |

| CONVERTIBLE | RONDS (45.4 | <i>6</i> 2) | |
|--------------------|-------------|--|-----------|
| CONVERTIBLE | DONUS (45.4 | Consumer Discretionary (9.4%) | |
| | | Ctrip.com International, Ltd.m | |
| 2,360,000 | | 1.000%, 07/01/20*^ | 2,595,717 |
| 255,000 | | 1.250%, 10/15/18 | 325,330 |
| 1,790,000 | | Priceline Group, Inc.^ 0.350%, 06/15/20 | 2,189,412 |
| 3,315,000 | | Tesla Motors, Inc.~m 1.250%, 03/01/21 | 3,048,855 |
| 1,550,000 | | Toll Brothers Finance Corp.m 0.500%, 09/15/32 | |
| | | 0.300%, 09/13/32 | 1,530,927 |
| | | | 9,690,241 |
| RINCIPAL AMOUNT | | | VALUE |
| 800,000 | | Energy (0.7%) | |
| 800,000 | | SEACOR Holdings, Inc.m 2.500%, 12/15/27 | \$ 782,97 |
| | | Financials (10.3%) | |
| 896,000 | | Ares Capital Corp.m 4.750%, 01/15/18 | 933,79 |
| 1,100,000 | EUR | AURELIUS, SE & Co. KGaA 1.000%, 12/01/20 | 1,432,07 |
| 1,650,000 | | AYC Finance, Ltd.m 0.500%, 05/02/19 | 1,728,5 |
| 2,800,000 | EUR | Azimut Holding, S.p.A. 2.125%, 11/25/20 | 3,729,0 |
| 600,000 | EUR | Grand City Properties, SA 0.250%, 03/02/22 | 733,04 |
| 1,100,000 | EUR | Industrivarden, ABm 1.875%, 02/27/17 | 1,309,77 |
| 685,000 | | Spirit Realty Capital, Inc. 3.750%, 05/15/21 | 741,24 |
| | | | 10,607,53 |
| | | Industrials (7.4%) | |
| 1,000,000 | GBP | Carillion Finance Jersey, Ltd. 2.500%, 12/19/19 | 1,416,86 |
| 750,000 | | Haitian International Holdings, Ltd.m | |
| | | 2.000%, 02/13/19 | 742,00 |
| 1,200,000 | | Larsen & Toubro, Ltd.m 0.675%, 10/22/19 | 1,114,70 |
| 180,000,000 | JPY | Lixil Group Corp. 0.000%, 03/04/20 | 1,672,32 |
| 1,600,000 | | MISUMI Group, Inc.m 0.000%, 10/22/18 | 2,024,12 |
| 675,300 | EUR | Safran, SA 0.000%, 12/31/20 | 722,1 |
| | | | 7,692,20 |
| | | Information Technology (14.1%) | .,.,. |
| 1,400,000 | | Advanced Semiconductor Engineering, Inc. | |
| 1,400,000 | | 0.000%, 03/27/18 | 1,276,18 |
| 538,000 | | FireEye, Inc.m* 1.625%, 06/01/35 | 444.4€ |
| 499,000 | | 1.003%, 06/01/33 | 432,93 |
| 3,870,000 | | LinkedIn Corp.µ^ 0.500%, 11/01/19 | 3,615,83 |
| 305,000 | | Novellus Systems, Inc. | |
| | | 2.625%, 05/15/41 | 693,30 |

| 1,020,000 | | NXP Semiconductors, NVm | |
|-----------|-----|-------------------------|-----------|
| | | 1.000%, 12/01/19 | 1,157,317 |
| 1,040,000 | | ON Semiconductor Corp.m | |
| | | 2.625%, 12/15/26 | 1,108,661 |
| 575,000 | | Red Hat, Inc.^ | |
| | | 0.250%, 10/01/19 | 707,201 |
| 700,000 | EUR | Rocket Internet, SEm | |
| | | 3.000%, 07/22/22 | 659,193 |

8 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

See accompanying Notes to Schedule of Investments

$Schedule\ of\ Investments\quad {\it April\ 30,\ 2016\ (Unaudited)}$

| PRINCIPAL AMOUNT | | | VALUE |
|---------------------|-----------|---|---------------|
| 580,000 | | Salesforce.com, Inc.m [^] 0.250%, 04/01/18 | \$ 731,461 |
| 850,000 | | Twitter, Inc.m 0.250%, 09/15/19 | 742,505 |
| 655,000 | | WebMD Health Corp.~ 2.500%, 01/31/18 | 751,491 |
| 715,000 | | Workday, Inc.m 0.750%, 07/15/18 | 802,566 |
| 1,487,000 | | Yahoo!, Inc.~m 0.000%, 12/01/18 | 1,494,844 |
| | | | 14,617,959 |
| | | Materials (2.5%) | |
| 1,000,000 | EUR | Buzzi Unicem, S.p.A. 1.375%, 07/17/19 | 1,408,769 |
| 1,085,000 | | Newmont Mining Corp.~^ 1.625%, 07/15/17 | 1,179,943 |
| | | | 2,588,712 |
| | | Telecommunication Services (1.0%) | |
| 900,000 | EUR | America Movil, SAB de CVm 0.000%, 05/28/20 | 1,030,957 |
| | | TOTAL CONVERTIBLE BONDS (Cost \$49,522,846) | 47,010,640 |
| NUMBER OF SHARES | | | VALUE |
| CONVERTIBLE | PREFERRED | O STOCKS (7.0%) | |
| 8,500 | | Financials (2.3%) American Tower Corp.m 5.250% | 902,190 |
| 1,215 | | Wells Fargo & Company~ 7.500% | 1,513,890 |
| | | | 2,416,080 |
| | | Health Care (2.2%) | |
| 1,780 | | Allergan, PLCm 5.500% | 1,444,452 |
| 17,100 | | Anthem, Inc.m 5.250% | 792,585 |
| | | | 2,237,037 |

| | Ū | G | | |
|------------------|------------|--|----|------------------------|
| | | Utilities (2.5%) | | |
| 38,000 | | Exelon Corp. | | 1 0 4 1 4 0 0 |
| 12,100 | | 6.500% NextEra Energy, Inc. | | 1,841,480 |
| 12,100 | | Nextera Energy, Inc. 6.371% | | 723,580 |
| | | | | 2,565,060 |
| | | TOTAL CONVERTIBLE | | |
| | | TOTAL CONVENTIBLE | | |
| | | PREFERRED STOCKS | | |
| | | (Cost \$7,464,506) | | 7,218,177 |
| | | | | |
| NUMBER OF | | | | |
| SHARES | | or y | | VALUE |
| COMMON STO | OCKS (70.5 | Consumer Discretionary (8.1%) | | |
| 18,000 | | Comcast Corp Class Am | \$ | 1,093,680 |
| 5,610 | | Home Depot, Inc.m | Ψ | 751,123 |
| 14,700 | ZAR | Naspers, Ltd Class N | | 2,022,888 |
| 13,415 | DKK | Pandora, A/S | | 1,744,118 |
| 12,400 | JPY | Toyota Motor Corp.m | | 658,925 |
| 9,600 | | Walt Disney Companym | | 991,296 |
| 47,057 | GBP | WPP, PLC | | 1,099,374 |
| | | | | |
| | | | | 8,361,404 |
| 24.500 | EUD | Consumer Staples (17.1%) | | 2 020 222 |
| 24,500 25,430 | EUR GBP | Anheuser-Busch InBev, SA^ British American Tobacco, PLCm | | 3,039,322 |
| 33,454 | GDP | Coca-Cola Company~m^ | | 1,550,521 1,498,739 |
| 85,000 | GBP | Diageo, PLCm | | 2,298,070 |
| 25,790 | JPY | Japan Tobacco, Inc.m | | 1,098,014 |
| 15,300 | CHF | Nestlé, SAm | | 1,141,987 |
| 17,100 | 0111 | Philip Morris International, Inc.m | | 1,677,852 |
| 13,000 | | Procter & Gamble Company | | 1,041,560 |
| 11,380 | GBP | Reckitt Benckiser Group, PLC | | 1,108,628 |
| 17,400 | JPY | Seven & I Holdings Company, Ltd. | | 742,934 |
| 32,750 | EUR | Unilever, NV [^] | | 1,438,703 |
| 13,600 | | Walgreens Boots Alliance, Inc. | | 1,078,208 |
| | | | | 17,714,538 |
| | | Energy (5.8%) | | |
| 15,250 | | Anadarko Petroleum Corp.m | | 804,590 |
| 10,300 | CAD | Canadian Natural Resources, Ltd.m | | 309,320 |
| 13,800 | | EOG Resources, Inc.m | | 1,140,156 |
| 14,715 | | Exxon Mobil Corp.m | | 1,300,806 |
| 13,100 | | Schlumberger, Ltd.m | | 1,052,454 |
| 16,340 | EUR | TOTAL, SAm | | 825,837 |
| 25,700 | CAD | Tourmaline Oil Corp.m# | | 592,777 |
| | | | | 6,025,940 |
| | | Financials (6.5%) | | |
| 141,608 | HKD | AIA Group, Ltd.m | | 847,468 |
| 15,200 | _ | Citigroup, Inc.m^ | | 703,456 |
| 202,000 | JPY | Daiwa Securities Group, Inc.m | | 1,226,808 |
| 23,000 | | JPMorgan Chase & Companym^ | | 1,453,600 |
| 30,247 | EUR | Vonovia, SE | | 1,019,571 |
| 30,000 | | Wells Fargo & Companyμ^ | | 1,499,400 |
| | | | | 6,750,303 |
| | | | | |

Health Care (12.9%)

| 57,100 | JPY | Chugai Pharmaceutical Company, Ltd.m^ | 2,017,819 |
|--------|-----|---------------------------------------|-----------|
| 9,800 | | Gilead Sciences, Inc.m [^] | 864,458 |
| 33,900 | | Johnson & Johnson~m^ | 3,799,512 |
| 21,050 | | Merck & Company, Inc.m^ | 1,154,382 |

See accompanying Notes to Schedule of Investments

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 9

Schedule of Investments April 30, 2016 (Unaudited)

| NUMBER OF | | | |
|--------------|----------------|--|---------------|
| SHARES | | | VALUE |
| 12,880 | CHF | Novartis, AGm | \$ 980,197 |
| 19,650 | DKK | Novo Nordisk, A/S - Class Bm | 1,097,146 |
| 10,000 | | Stryker Corp.m [^] | 1,090,100 |
| 18,985 | EUR | UCB, SA^ | 1,424,050 |
| 7,400 | | Zimmer Biomet Holdings, Inc.m | 856,698 |
| | | | |
| | | | 13,284,362 |
| | | Industrials (4.5%) | |
| 50,000 | GBP | Ashtead Group, PLC | 664,971 |
| 111,500 | HKD | CK Hutchison Holdings, Ltd.m | 1,333,944 |
| 6,900 | JPY | FANUC Corp.m | 1,070,343 |
| 23,000 | | General Electric Company~ | 707,250 |
| 8,200 | | United Parcel Service, Inc Class Bm^ | 861,574 |
| 0,200 | | Cinical vinees see view, mer Cinical Sin | 001,071 |
| | | | 4,638,082 |
| | | | .,, |
| | | Information Technology (20.1%) | |
| 11,000 | | Accenture, PLC - Class Am [^] | 1,242,120 |
| 9,590 | | • | |
| | | Alibaba Group Holding, Ltd.m# | 737,855 |
| 8,440 | | Alphabet, Inc Class A~m^# | 5,974,507 |
| 34,200 | | Apple, Inc.~m^ | 3,205,908 |
| 5,800 | | Baidu, Inc.m^# | 1,126,940 |
| 10,700 | | Facebook, Inc Class Am^# | 1,258,106 |
| 9,700 | | MasterCard, Inc Class Am^ | 940,803 |
| 29,000 | | Microsoft Corp.m | 1,446,230 |
| 549 | KRW | Samsung Electronics Co., Ltd.m | 598,318 |
| 13,552 | EUR | SAP SEm | 1,063,304 |
| 406,000 | TWD | Taiwan Semiconductor Manufacturing Company, Ltd. | 1,865,314 |
| 63,400 | HKD | Tencent Holdings, Ltd. | 1,290,083 |
| | | | 20,749,488 |
| | | | 20,749,400 |
| | | Motorials (0.0%) | |
| 26,500 | | Materials (0.9%) Newmont Mining Corp.~ | 926,705 |
| 20,300 | | Newmont Minning Corp.~ | 920,703 |
| | | | |
| | | Telecommunication Services (0.6%) | |
| 11,500 | JPY | SoftBank Group Corp.m | 647,199 |
| | | | |
| | | TOTAL COMMON STOCKS | |
| | | | |
| | | (Cost \$84,390,205) | 79,098,021 |
| | | (Cost \$64,576,205) | 77,070,021 |
| | | | |
| | | | |
| NUMBER OF | | | |
| CONTRACTS | | | VALUE |
| PURCHASED OP | PTION (0.0%) # | C D (0.00) | |
| 0=0 | | Consumer Discretionary (0.0%) | 17 12 |
| 370 | EUR | | 15,464 |
| | | | |

Daimler, AG Call, 06/17/16, Strike 68.00 (Cost \$245,081)

| NUMBER OF SHARES | INIVESTME | | VALUE |
|--------------------------------------|--------------|---|-------------------|
| SHORT TERM | INVESTME | | |
| 2,031,222 | | Fidelity Prime Money Market Fund - Institutional Class (Cost \$2,031,222) | \$ 2,031,222 |
| TOTAL IN | VESTMENT | S (140.4%) | |
| (Cost \$153,267,2 | 236) | | 145,168,696 |
| LIABILITIES, L | ESS OTHER | ASSETS (-40.4%) | (41,765,053) |
| NET ASSETS (| 100.0%) | | \$ 103,403,643 |
| NUMBER OF CONTRACTS WRITTEN OP | | 7Z.) # | VALUE |
| WKITTENOF | 110NS (-0.25 | Consumer Discretionary (0.0%) | |
| 180 | | Comcast Corp. | (0.020) |
| 56 | | Call, 07/15/16, Strike \$65.00 Home Depot, Inc. | (8,820) |
| 96 | | Call, 06/17/16, Strike \$145.00 | (1,960) |
| 90 | | Walt Disney Company Call, 06/17/16, Strike \$105.00 | (21,312) |
| | | | (32,092) |
| | | Consumer Staples (-0.1%) | |
| 245 | | Anheuser-Busch InBev, SA Call, 06/17/16, Strike \$140.00 | (14,088) |
| 334 | | Coca-Cola Company Call, 08/19/16, Strike \$50.00 | (3,507) |
| 213 | | Diageo, PLC Call, 07/15/16, Strike \$115.00 | (26,625) |
| 130 | | Procter & Gamble Company Call, 07/15/16, Strike \$87.50 | (1,300) |
| 11 | GBP | Reckitt Benckiser Group, PLC Call, 06/17/16, Strike 76.00 | (1,125) |
| | | | (46,645) |
| | | | ~,~, |
| | | Energy (-0.1%) | |
| 103 | | Canadian Natural Resources, Ltd. Call, 06/17/16, Strike \$32.00 | (10,042) |
| 138 | | EOG Resources, Inc. Call, 07/15/16, Strike \$90.00 | (28,014) |
| 147 | | Exxon Mobil Corp. Call, 06/17/16, Strike \$90.00 | (16,832) |
| 257 | CAD | Tourmaline Oil Corp. | (10,632) |
| | | Call, 07/15/16, Strike 34.00 | (9,729) |
| | | | (64,617) |
| | | Financials (0.0%) | |
| 152 | | Citigroup, Inc. | (7.440) |
| 300 | | Call, 06/17/16, Strike \$50.00 Wells Fargo & Company | (7,448) |
| 300 | | Call, 07/15/16, Strike \$52.50 | (20,100) |

(27,548)

10 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

See accompanying Notes to Schedule of Investments

Schedule of Investments April 30, 2016 (Unaudited)

| NUMBER OF CONTRACTS | | | VALUE |
|------------------------|-----|---|------------|
| | | Health Care (0.0%) | |
| 98 | | Gilead Sciences, Inc. Call, 11/18/16, Strike \$120.00 | \$ (4,361) |
| 197 | | Novo Nordisk, A/S Call, 06/17/16, Strike \$65.00 | (1,478) |
| 190 | EUR | UCB, SA Call, 09/16/16, Strike 84.00 | (9,246) |
| 74 | | Zimmer Biomet Holdings, Inc. Call, 09/16/16, Strike \$120.00 | (26,640) |
| | | | (41,725) |
| | | Information Technology (0.0%) | |
| 84 | | Alphabet, Inc. Call, 09/16/16, Strike \$900.00 | (7,560) |
| 107 | | Facebook, Inc. Call, 06/17/16, Strike \$135.00 | (2,300) |
| 97 | | Mastercard, Inc. Call, 06/17/16, Strike \$105.00 | (2,813) |
| 290 | | Microsoft Corp. Call, 06/17/16, Strike \$62.50 | (435) |
| | | | (13,108) |
| | | TOTAL WRITTEN OPTIONS (Premium \$258,509) | (225,735) |

NOTES TO SCHEDULE OF INVESTMENTS

- Security, or portion of security, is segregated as collateral (or potential collateral for future transactions) for written options and swaps. The aggregate value of such securities is \$7,024,724.
- m Security, or portion of security, is held in a segregated account as collateral for note payable aggregating a total value of \$83,738,504. \$16,599,254 of the collateral has been re-registered by one of the counterparties, BNP (see Note 7 Borrowings).
- * Securities issued and sold pursuant to a Rule 144A transaction are excepted from the registration requirement of the Securities Act of 1933, as amended. These securities may only be sold to qualified institutional buyers (QIBs), such as the Fund. Any resale of these securities must generally be effected through a sale that is registered under the Act or otherwise exempted from such registration requirements.

[^] Security, or portion of security, is on loan.

Non-income producing security.

FOREIGN CURRENCY ABBREVIATIONS

| CAD | Canadian Dollar | HKD | Hong Kong Dollar |
|-----|------------------------|-----|--------------------|
| CHF | Swiss Franc | JPY | Japanese Yen |
| DKK | Danish Krone | KRW | South Korean Won |
| EUR | European Monetary Unit | TWD | New Taiwan Dollar |
| GBP | British Pound Sterling | ZAR | South African Rand |

Note: Value for securities denominated in foreign currencies is shown in U.S. dollars. The principal amount for such securities is shown in the respective foreign currency. The date on options represents the expiration date of the option contract. The option contract may be exercised at any date on or before the date shown.

CURRENCY EXPOSURE

APRIL 30, 2016

| | VALUE | % OF TOTAL INVESTMENTS |
|--|----------------|------------------------|
| US Dollar | \$ 94,015,407 | 64.9% |
| European Monetary Unit | 19,842,047 | 13.7% |
| Japanese Yen | 9,134,371 | 6.3% |
| British Pound Sterling | 8,137,305 | 5.6% |
| Hong Kong Dollar | 3,471,495 | 2.4% |
| Danish Krone | 2,841,264 | 1.9% |
| Swiss Franc | 2,122,184 | 1.5% |
| South African Rand | 2,022,888 | 1.4% |
| New Taiwan Dollar | 1,865,314 | 1.3% |
| Canadian Dollar | 892,368 | 0.6% |
| South Korean Won | 598,318 | 0.4% |
| Total Investments Net of Written Options Currency exposure may vary over time. | \$ 144,942,961 | 100.0% |

INTEREST RATE SWAP

| | | | | | UNR | EALIZED |
|-----------------|------------------|-----------------|-------------|---------------|-------|-----------|
| | FIXED RATE | FLOATING RATE | TERMINATION | NOTIONAL | APPRI | ECIATION/ |
| COUNTERPARTY | (FUND PAYS) | (FUND RECEIVES) | DATE | AMOUNT | (DEPR | ECIATION) |
| BNP Paribas, SA | 1.140% quarterly | 3 month LIBOR | 03/14/17 | \$ 12,000,000 | \$ | (49,612) |

(49,612)

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 11

Statement of Assets and Liabilities April 30, 2016 (Unaudited)

| ASSETS | |
|---|----------------|
| Investments in securities, at value (cost \$153,267,236) | \$ 145,168,696 |
| Restricted foreign currency for short positions (cost \$28,041) | 28,225 |
| Receivables: | |
| Accrued interest and dividends | 650,490 |
| Prepaid expenses | 10,062 |
| Other assets | 82,349 |
| Total assets | 145,939,822 |
| LIABILITIES | |
| Options written, at value (premium \$258,509) | 225,735 |
| Unrealized depreciation on interest rate swaps | 49,612 |
| Payables: | |
| Notes payable | 42,000,000 |
| Affiliates: | |
| Investment advisory fees | 119,240 |
| Deferred compensation to trustees | 82,349 |
| Financial accounting fees | 1,390 |
| Trustees fees and officer compensation | 3,337 |
| Other accounts payable and accrued liabilities | 54,516 |
| Total liabilities | 42,536,179 |
| NET ASSETS | \$ 103,403,643 |
| COMPOSITION OF NET ASSETS | |
| Common stock, no par value, unlimited shares authorized 8,465,001 shares issued and outstanding | \$ 111,076,167 |
| Undistributed net investment income (loss) | (4,640,390) |
| Accumulated net realized gain (loss) on investments, foreign currency transactions and interest rate swaps | 5,077,391 |
| Unrealized appreciation (depreciation) of investments, foreign currency translations, written options and interest rate swaps | (8,109,525) |
| NET ASSETS | \$ 103,403,643 |
| Net asset value per common shares based upon 8,465,001 shares issued and outstanding | \$ 12.22 |
| | |

12 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

See accompanying Notes to Financial Statements

$Statement\ of\ Operations\quad {\it Six\ Months\ Ended\ April\ 30,\ 2016\ (Unaudited)}$

| INVESTMENT INCOME | |
|---|----------------|
| Interest | \$ 1,029,362 |
| Dividends | 903,193 |
| Securities lending income | 5,080 |
| Foreign Taxes Withheld | (73,906) |
| Total investment income | 1,863,729 |
| EXPENSES | |
| Investment advisory fees | 730,409 |
| Interest expense and related fees | 237,171 |
| Printing and mailing fees | 21,786 |
| Legal fees | 16,062 |
| Audit fees | 12,922 |
| Transfer agent fees | 12,036 |
| Trustees fees and officer compensation | 9,833 |
| Accounting fees | 9,292 |
| Custodian fees | 8,946 |
| Financial accounting fees | 8,479 |
| Registration fees | 865 |
| Other | 29,466 |
| Total expenses | 1,097,267 |
| NET INVESTMENT INCOME (LOSS) | 766,462 |
| REALIZED AND UNREALIZED GAIN (LOSS) | |
| Net realized gain (loss) from: | |
| Investments, excluding purchased options | 3,729,276 |
| Purchased options | (383,870) |
| Foreign currency transactions | (3,798) |
| Interest rate swaps | (43,741) |
| Change in net unrealized appreciation/(depreciation) on: | |
| Investments, excluding purchased options | (8,171,377) |
| Purchased options | 27,089 |
| Foreign currency translations | 12,259 |
| Written options | 32,774 |
| Interest rate swaps | 43,867 |
| NET GAIN (LOSS) | (4,757,521) |
| NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS | \$ (3,991,059) |

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 13

Statements of Changes in Net Assets

| | SIX M | NAUDITED) ONTHS ENDED APRIL 30, 2016 | 00 | YEAR ENDED CTOBER 31, 2015 |
|--|-------|---|----|-------------------------------------|
| OPERATIONS | | | | |
| Net investment income (loss) | \$ | 766,462 | \$ | 1,829,072 |
| Net realized gain (loss) | | 3,297,867 | | 5,408,733 |
| Change in unrealized appreciation/(depreciation) | | (8,055,388) | | (4,883,482) |
| Net increase (decrease) in net assets applicable to shareholders resulting from operations | | (3,991,059) | | 2,354,323 |
| DISTRIBUTIONS FROM | | | | |
| Net investment income | | (5,079,001) | | (7,162,380) |
| Return of capital | | | | (2,995,621) |
| Net decrease in net assets from distributions | | (5,079,001) | | (10,158,001) |
| CAPITAL STOCK TRANSACTIONS | | | | |
| TOTAL INCREASE (DECREASE) IN NET ASSETS | | (9,070,060) | | (7,803,678) |
| NET ASSETS | | | | |
| Beginning of period | \$ | 112,473,703 | \$ | 120,277,381 |
| End of period | | 103,403,643 | | 112,473,703 |
| Undistributed net investment income (loss) | \$ | (4,640,390) | \$ | (327,851) |
| | | | | |

14 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

See accompanying Notes to Financial Statements

Statement of Cash Flows Six Months Ended April 30, 2016 (Unaudited)

| Net increase/(decrease) in net assets from operations \$ (3,991,059) Adjustments to reconcile net increase/(decrease) in net assets from operations to net cash provided by operating activities: Purchase of investment securities, including purchased options (92,486,671) Net proceeds from disposition of short term investments 6,445,779 Proceeds from disposition of investment securities, including purchased options 258,509 Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options (3,729,276) Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options (27,089) Change in unrealized appreciation or depreciation on purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in unrealized appreciation or depreciation on interest rate swaps (79,015) Restricted foreign currency for short positions (28,225) Restricted foreign currency for short positions (8,172) Other assets (6,172) I |
|--|
| Purchase of investment securities, including purchased options (92,486,671) Net proceeds from disposition of short term investments 6,445,779 Proceeds from disposition of investment securities, including purchased options 92,836,437 Premiums received from written options 258,509 Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options 333,870 Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options 8,171,377 Change in unrealized appreciation or depreciation on purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in assets and liabilities: (79,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets (6,172) Increase/(decrease) in liabilities: (15,314) Other ascounts payable and accrued liabilities (15,314) Other accounts payable and accrued liabilities |
| Net proceeds from disposition of short term investments 6,445,779 Proceeds from disposition of investment securities, including purchased options 92,836,437 Premiums received from written options 258,509 Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options (3,729,276) Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options (27,089) Change in unrealized appreciation or depreciation on purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in assets and liabilities: (79,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets (56,172) Increase/(decrease) in liabilities: (79,015) Increase/(decrease) in liabilities: (15,314) Other accounts payable and accrued liabilities (15,314) Other accounts payable and accrued liabilities (14,742)< |
| Proceeds from disposition of investment securities, including purchased options 92,836,437 Premiums received from written options 258,509 Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options (3,729,276) Net realized agains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options (27,089) Change in unrealized appreciation or depreciation on written options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Net change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net cange in unrealized appreciation or depreciation on interest rate swaps (43,867) Net cange in unrealized appreciation or depreciation on interest rate swaps (43,867) Net cange in unrealized appreciation or depreciation on interest rate swaps (59,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) |
| Premiums received from written options 258,509 Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options 33,29,276 Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options 8,171,377 Change in unrealized appreciation or depreciation on purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in assets and liabilities: (79,015) Recruced interest and dividends receivable (79,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets 4,750 Increase/(decrease) in liabilities: (15,314) Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities 7,079,001 |
| Amortization and accretion of fixed-income securities (567,517) Net realized gains/losses from investments, excluding purchased options (3,729,276) Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on written options (43,867) Net change in assets and liabilities: (15,314) (Increase)/decrease in assets: (79,015) Accrued interest and dividends receivable (79,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets 4,750 Increase/(decrease) in liabilities: (15,314) Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities 7,079,001 |
| Net realized gains/losses from investments, excluding purchased options (3,729,276) Net realized gains/losses from purchased options 383,870 Change in unrealized appreciation or depreciation on investments, excluding purchased options 8,171,377 Change in unrealized appreciation or depreciation on purchased options (27,089) Change in unrealized appreciation or depreciation on written options (32,774) Change in unrealized appreciation or depreciation on interest rate swaps (43,867) Net change in assets and liabilities: (Increase)/decrease in assets and liabilities: (Increase)/decrease in assets and dividends receivable (79,015) Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets 4,750 Increase/(decrease) in liabilities: (15,314) Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities 7,079,001 |
| Net realized gains/losses from purchased options Change in unrealized appreciation or depreciation on investments, excluding purchased options Change in unrealized appreciation or depreciation on purchased options Change in unrealized appreciation or depreciation on written options Change in unrealized appreciation or depreciation on written options Change in unrealized appreciation or depreciation on interest rate swaps Change in unrealized appreciation or depreciation on interest rate swaps Net change in assets and liabilities: (Increase)/decrease in assets such liabilities: Accrued interest and dividends receivable Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets Increase/(decrease) in liabilities: Payables to affiliates (15,314) Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities 383,870 8,171,377 8,173,77 8,17 8,173,77 8,17 8,17 8,17 8,17 8,17 8,17 8,17 8 |
| Change in unrealized appreciation or depreciation on investments, excluding purchased options8,171,377Change in unrealized appreciation or depreciation on purchased options(27,089)Change in unrealized appreciation or depreciation on written options(32,774)Change in unrealized appreciation or depreciation on interest rate swaps(43,867)Net change in assets and liabilities:(Increase)/decrease in assets:Accrued interest and dividends receivable(79,015)Restricted foreign currency for short positions(28,225)Prepaid expenses(6,172)Other assets4,750Increase/(decrease) in liabilities:(15,314)Payables to affiliates(15,314)Other accounts payable and accrued liabilities(14,742)Net cash provided by/(used in) operating activities\$ 7,079,001 |
| Change in unrealized appreciation or depreciation on purchased options(27,089)Change in unrealized appreciation or depreciation on written options(32,774)Change in unrealized appreciation or depreciation on interest rate swaps(43,867)Net change in assets and liabilities: (Increase)/decrease in assets:(79,015)Accrued interest and dividends receivable(79,015)Restricted foreign currency for short positions(28,225)Prepaid expenses(6,172)Other assets4,750Increase/(decrease) in liabilities:(15,314)Payables to affiliates(15,314)Other accounts payable and accrued liabilities(14,742)Net cash provided by/(used in) operating activities\$ 7,079,001 |
| Change in unrealized appreciation or depreciation on written options(32,774)Change in unrealized appreciation or depreciation on interest rate swaps(43,867)Net change in assets and liabilities: (Increase)/decrease in assets:(79,015)Accrued interest and dividends receivable(79,015)Restricted foreign currency for short positions(28,225)Prepaid expenses(6,172)Other assets4,750Increase/(decrease) in liabilities:(15,314)Payables to affiliates(15,314)Other accounts payable and accrued liabilities(14,742)Net cash provided by/(used in) operating activities\$ 7,079,001 |
| Change in unrealized appreciation or depreciation on interest rate swaps Net change in assets and liabilities: (Increase)/decrease in assets: Accrued interest and dividends receivable Restricted foreign currency for short positions Prepaid expenses Other assets Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities 1 (43,867) (79,015) |
| Net change in assets and liabilities: (Increase)/decrease in assets: Accrued interest and dividends receivable Restricted foreign currency for short positions Prepaid expenses Other assets Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities 1 (79,015) (28,225) (66,172) (61,720) (61,720) (73,140) (73,141) (74,720) (75,314) (75, |
| (Increase)/decrease in assets: Accrued interest and dividends receivable Restricted foreign currency for short positions Restricted foreign currency for short positions (28,225) Prepaid expenses (6,172) Other assets A,750 Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities 1,079,001 |
| Accrued interest and dividends receivable Restricted foreign currency for short positions Prepaid expenses Other assets Other assets Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities (79,015) (6,172) (6,172) (15,314) (15,314) (14,742) (14,742) |
| Restricted foreign currency for short positions Prepaid expenses Other assets Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities (128,225) (6,172) 4,750 (15,314) (15,314) (14,742) Net cash provided by/(used in) operating activities (14,742) |
| Prepaid expenses (6,172) Other assets 4,750 Increase/(decrease) in liabilities: Payables to affiliates (15,314) Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities \$7,079,001 |
| Other assets 4,750 Increase/(decrease) in liabilities: Payables to affiliates (15,314) Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities \$7,079,001 |
| Increase/(decrease) in liabilities: Payables to affiliates Other accounts payable and accrued liabilities Net cash provided by/(used in) operating activities (15,314) (14,742) 7,079,001 |
| Payables to affiliates (15,314) Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities 7,079,001 |
| Other accounts payable and accrued liabilities (14,742) Net cash provided by/(used in) operating activities \$ 7,079,001 |
| Net cash provided by/(used in) operating activities \$ 7,079,001 |
| |
| CASH FLOWS FROM FINANCING ACTIVITIES: |
| |
| Distributions to shareholders (5,079,001) |
| Repayment of note payable (2,000,000) |
| Net cash provided by/(used in) financing activities \$ (7,079,001) |
| Net increase/(decrease) in cash \$ |
| Cash at beginning of period \$ |
| Cash at end of period \$ |
| Supplemental disclosure |
| Cash paid for interest and related fees \$ 245,342 |

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 15

Notes to Financial Statements (Unaudited)

Note 1 Organization and Significant Accounting Policies

Organization. Calamos Global Total Return (the Fund) was organized as a Delaware statutory trust on March 30, 2004 and is registered under the Investment Company Act of 1940 (the 1940 Act) as a diversified, closed-end management investment company. The Fund commenced operations on October 27, 2005.

The Fund s investment strategy is to provide total return through a combination of capital appreciation and current income. Under normal circumstances, the Fund will invest at least 50% of its managed assets in equity securities (including securities that are convertible into equity securities). The Fund may invest up to 100% of its managed assets in securities of foreign issuers, including debt and equity securities of corporate issuers and debt securities of government issuers, in developed and emerging markets. Under normal circumstances, the Fund will invest at least 30% of its managed assets in securities of foreign issuers. Managed assets means the Fund s total assets (including any assets attributable to any leverage that may be outstanding) minus total liabilities (other than debt representing financial leverage).

Significant Accounting Policies. The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP), which require management to make certain estimates and assumptions at the date of the financial statements. Actual results may differ from those estimates. Subsequent events, if any, through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the Funds:

Fund Valuation. The valuation of the Fund s investments is in accordance with policies and procedures adopted by and under the ultimate supervision of the board of trustees.

Fund securities that are traded on U.S. securities exchanges, except option securities, are valued at the official closing price, which is the last current reported sales price on its principal exchange at the time each Fund determines its net asset value (NAV). Securities traded in the over-the-counter market and quoted on The NASDAQ Stock Market are valued at the NASDAQ Official Closing Price, as determined by NASDAQ, or lacking a NASDAQ Official Closing Price, the last current reported sale price on NASDAQ at the time a Fund determines its NAV. When a last sale or closing price is not available, equity securities, other than option securities, that are traded on a U.S. securities exchange and other equity securities traded in the over-the-counter market are valued at the mean between the most recent bid and asked quotations on its principal exchange in accordance with guidelines adopted by the board of trustees. Each option security traded on a U.S. securities exchange is valued at the mid-point of the consolidated bid/ask quote for the option security, also in accordance with guidelines adopted by the board of trustees. Each over-the-counter option that is not traded through the Options Clearing Corporation is valued based on a quotation provided by the counterparty to such option under the ultimate supervision of the board of trustees.

Fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives are normally valued by independent pricing services or by dealers or brokers who make markets in such securities. Valuations of such fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives consider yield or price of equivalent securities of comparable quality, coupon rate, maturity, type of issue, trading characteristics and other market data and do not rely exclusively upon exchange or over-the-counter prices.

Trading on European and Far Eastern exchanges and over-the-counter markets is typically completed at various times before the close of business on each day on which the New York Stock Exchange (NYSE) is open. Each security trading on these exchanges or in over-the-counter markets may be valued utilizing a systematic fair valuation model provided by an independent pricing service approved by the board of trustees. The valuation of each security that meets certain criteria in relation to the valuation model is systematically adjusted to reflect the impact of movement in the U.S. market after the foreign markets close. Securities that do not meet the criteria, or that are principally traded in other foreign markets, are valued as of the last reported sale price at the time the Fund determines its NAV, or when reliable market prices or quotations are not readily available, at the mean between the most recent bid and asked quotations as of the close of the appropriate exchange or other designated time. Trading of foreign securities may not take place on every NYSE business day. In addition, trading may take place in various foreign markets on Saturdays or on other days when the NYSE is not open and on which the Fund s NAV is not calculated.

If the pricing committee determines that the valuation of a security in accordance with the methods described above is not reflective of a fair value for such security, the security is valued at a fair value by the pricing committee, under the ultimate supervision of the board of trustees, following the guidelines and/or procedures adopted by the board of trustees.

16 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Notes to Financial Statements (Unaudited)

The Fund also may use fair value pricing, pursuant to guidelines adopted by the board of trustees and under the ultimate supervision of the board of trustees, if trading in the security is halted or if the value of a security it holds is materially affected by events occurring before the Fund s pricing time but after the close of the primary market or exchange on which the security is listed. Those procedures may utilize valuations furnished by pricing services approved by the board of trustees, which may be based on market transactions for comparable securities and various relationships between securities that are generally recognized by institutional traders, a computerized matrix system, or appraisals derived from information concerning the securities or similar securities received from recognized dealers in those securities.

When fair value pricing of securities is employed, the prices of securities used by a Fund to calculate its NAV may differ from market quotations or official closing prices. In light of the judgment involved in fair valuations, there can be no assurance that a fair value assigned to a particular security is accurate.

Investment Transactions. Investment transactions are recorded on a trade date basis as of April 30, 2016. Net realized gains and losses from investment transactions are reported on an identified cost basis. Interest income is recognized using the accrual method and includes accretion of original issue and market discount and amortization of premium. Dividend income is recognized on the ex-dividend date, except that certain dividends from foreign securities are recorded as soon as the information becomes available after the ex-dividend date.

Foreign Currency Translation. Values of investments and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using a rate quoted by a major bank or dealer in the particular currency market, as reported by a recognized quotation dissemination service.

The Fund does not isolate that portion of the results of operations resulting from changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held. Such fluctuations are included with the net realized and unrealized gain or loss from investments.

Reported net realized foreign currency gains or losses arise from disposition of foreign currency, the difference in the foreign exchange rates between the trade and settlement dates on securities transactions, and the difference between the amounts of dividends, interest and foreign withholding taxes recorded on the ex-date or accrual date and the U.S. dollar equivalent of the amounts actually received or paid. Net unrealized foreign exchange gains and losses arise from changes (due to the changes in the exchange rate) in the value of foreign currency and other assets and liabilities denominated in foreign currencies held at period end.

Allocation of Expenses Among Funds. Expenses directly attributable to the Fund are charged to the Fund; certain other common expenses of Calamos Advisors Trust, Calamos Investment Trust, Calamos ETF Trust, Calamos Convertible Opportunities and Income Fund, Calamos Convertible and High Income Fund, Calamos Strategic Total Return Fund, Calamos Global Total Return Fund, Calamos Global Dynamic Income Fund and Calamos Dynamic Convertible and Income Fund are allocated proportionately among each Fund to which the expenses relate in relation to the net assets of each Fund or on another reasonable basis.

Income Taxes. No provision has been made for U.S. income taxes because the Funds policy is to continue to qualify as a regulated investment company under the Internal Revenue Code of 1986, as amended, and distribute to shareholders substantially all of the Funds taxable income and net realized gains.

Dividends and distributions paid to shareholders are recorded on the ex-dividend date. The amount of dividends and distributions from net investment income and net realized capital gains is determined in accordance with federal income tax regulations, which may differ from U.S. generally accepted accounting principles. To the extent these book/tax differences are permanent in nature, such amounts are reclassified within the capital accounts based on their federal tax-basis treatment. These differences are primarily due to differing treatments for foreign currency transactions, contingent payment debt instruments and methods of amortizing and accreting for fixed income securities. The financial statements are not adjusted for temporary differences.

The Funds recognized no liability for uncertain tax positions. A reconciliation is not provided as the beginning and ending amounts of unrecognized benefits are zero, with no interim additions, reductions or settlements. Tax years 2011 and forward remain subject to examination by U.S. and State tax jurisdictions.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 17

Notes to Financial Statements (Unaudited)

Indemnifications. Under the Fund s organizational documents, the Fund is obligated to indemnify its officers and trustees against certain liabilities incurred by them by reason of having been an officer or trustee of the Fund. In addition, in the normal course of business, the Fund may enter into contracts that provide general indemnifications to other parties. The Fund s maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Fund that have not yet occurred. Currently, the Fund s management expects the risk of material loss in connection to a potential claim to be remote.

Note 2 Investment Adviser and Transactions With Affiliates Or Certain Other Parties

Pursuant to an investment advisory agreement with Calamos Advisors LLC (Calamos Advisors), the Fund pays an annual fee, payable monthly, equal to 1.00% based on the average weekly managed assets.

Pursuant to a financial accounting services agreement, during the period the Funds paid Calamos Advisors a fee for financial accounting services payable monthly at the annual rate of 0.0175% on the first \$1 billion of combined assets, 0.0150% on the next \$1 billion of combined assets and 0.0110% on combined assets above \$2 billion (for purposes of this calculation combined assets means the sum of the total average daily net assets of *Calamos Investment Trust*, *Calamos Advisors Trust*, *Calamos ETF Trust* and the total average weekly managed assets of *Calamos Convertible and High Income Fund*, *Calamos Strategic Total Return Fund*, *Calamos Convertible Opportunities and Income Fund*, *Calamos Global Total Return Fund*, *Calamos Global Dynamic Income Fund* and *Calamos Dynamic Convertible and Income Fund*). Financial accounting services include, but are not limited to, the following: managing expenses and expense payment processing; monitoring the calculation of expense accrual amounts; calculating, tracking and reporting tax adjustments on all assets; and monitoring trustee deferred compensation plan accruals and valuations. The Fund pays its pro rata share of the financial accounting services fee payable to Calamos Advisors based on its relative portion of combined assets used in calculating the fee.

The Fund reimburses Calamos Advisors for a portion of compensation paid to the Fund's Chief Compliance Officer. This compensation is reported as part of the Trustees fees and officer compensation expense on the Statement of Operations. A trustee and certain officers of the Fund are also officers and directors of Calamos Advisors. Such trustee and officers serve without direct compensation from the Fund.

The Fund has adopted a deferred compensation plan (the Plan). Under the Plan, a trustee who is not an interested person (as defined in the 1940 Act) and has elected to participate in the Plan (a participating trustee) may defer receipt of all or a portion of their compensation from the Fund. The deferred compensation payable to the participating trustee is credited to the trustee s deferral account as of the business day such compensation would have been paid to the participating trustee. The value of amounts deferred for a participating trustee is determined by reference to the change in value of Class I shares of one or more funds of Calamos Investment Trust designated by the participant. The value of the account increases with contributions to the account or with increases in the value of the measuring shares, and the value of the account decreases with withdrawals from the account or with declines in the value of the measuring shares. Deferred compensation of \$82,349 is included in Other assets on the Statement of Assets and Liabilities at April 30, 2016. The Fund obligation to make payments under the Plan is a general obligation of the Fund and is included in Payable for deferred compensation to trustees on the Statement of Assets and Liabilities at April 30, 2016.

Note 3 Investments

The cost of purchases and proceeds from sale of long-term investments for the period ended April 30, 2016 were as follows:

 Cost of purchases
 \$87,102,120

 Proceeds from sales
 86,414,940

The following information is presented on a federal income tax basis as of April 30, 2016. Differences between the cost basis under U.S. generally accepted accounting principles and federal income tax purposes are primarily due to temporary differences.

18 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Notes to Financial Statements (Unaudited)

The cost basis of investments (excluding Investments of Collateral for Securities on Loan) for federal income tax purposes at April 30, 2016 was as follows:

| Cost basis of investments | \$ 152,863,852 |
|--|----------------|
| | |
| Gross unrealized appreciation | 2,805,779 |
| Gross unrealized depreciation | (10,500,935) |
| | |
| Net unrealized appreciation (depreciation) | \$ (7,695,156) |

Note 4 Income Taxes

The Fund intends to make monthly distributions from its income available for distribution, which consists of the Fund s dividends and interest income after payment of Fund expenses, and net realized gains on stock investments. At least annually, the Fund intends to distribute all or substantially all of its net realized capital gains, if any. Distributions are recorded on the ex-dividend date. The Fund distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in-capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income. Distributions in any year may include a return of capital component.

The tax character of distributions for the period ended April 30, 2016 will be determined at the end of the Fund s current fiscal year.

Distributions for the year ended October 31, 2015 were characterized for federal income tax purposes as follows:

YEAR ENDED

| | OCTO | DBER 31, 2015 |
|---|------|---------------|
| Distributions paid from: | | |
| Ordinary income | \$ | 7,162,380 |
| Long-term capital gains | | |
| Return of capital | | 2,995,621 |
| As of October 31, 2015, the components of accumulated earnings/(loss) on a tax basis were as follows: | | |

| Undistributed ordinary income | \$ |
|--------------------------------------|-----------|
| Undistributed capital gains | 1,095,617 |
| | |
| Total undistributed earnings | 1,095,617 |
| Accumulated capital and other losses | |
| Net unrealized gains/(losses) | 386,011 |

| Total accumulated earnings/(losses) | 1,481,628 |
|-------------------------------------|-------------|
| Other | (84,092) |
| Paid-in-capital | 111,076,167 |
| | |

Net assets applicable to common shareholders

\$ 112,473,703

The Regulated Investment Company Modernization Act of 2010 (the Act) modernized various tax rules for regulated investment companies, and was effective for taxable years beginning after the enactment date of December 22, 2010. One significant change is to the treatment of capital loss carryforwards. Now, any capital losses recognized will retain their character as either short-term or long-term capital losses, will be utilized before the pre-Act capital loss carryforwards, and will be carried forward indefinitely, until applied in offsetting future capital gains.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 19

Notes to Financial Statements (Unaudited)

Note 5 Common Shares

There are unlimited common shares of beneficial interest authorized and 8,465,001 shares outstanding at April 30, 2016. Calamos Advisors owned 17,046 of the outstanding shares at April 30, 2016. Transactions in common shares were as follows:

| | PERIOD ENDED APRIL 30, 2016 | YEAR ENDED OCTOBER 31, 2015 |
|---|--------------------------------|--------------------------------|
| Beginning shares | 8,465,001 | 8,465,001 |
| Shares sold | | |
| Shares issued through reinvestment of distributions | | |
| | | |
| Ending shares | 8,465,001 | 8,465,001 |

Notice is hereby given in accordance with Section 23(c) of the 1940 Act that the Fund may from time to time purchase its shares of common stock in the open market.

The Fund also may offer and sell common shares from time to time at an offering price equal to or in excess of the net asset value per share of the Fund s common shares at the time such common shares are initially sold.

Note 6 Derivative Instruments

Foreign Currency Risk. The Fund may engage in portfolio hedging with respect to changes in currency exchange rates by entering into forward foreign currency contracts to purchase or sell currencies. A forward foreign currency contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. Risks associated with such contracts include, among other things, movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform. To mitigate the counterparty risk, the Fund may enter into an International Swaps and Derivatives Association, Inc. Master Agreement (ISDA Master Agreement) or similar agreement with its derivative contract counterparties. An ISDA Master Agreement is a bilateral agreement between the Fund and a counterparty that governs over-the-counter derivatives and foreign exchange contracts and typically contains, among other things, collateral posting terms and netting provisions in the event of a default and/or termination event. Under an ISDA Master Agreement, the Fund may, under certain circumstances, offset with the counterparty certain derivative financial instrument s payables and/or receivables with collateral held and/or posted and create one single net payment. The provisions of the ISDA Master Agreement typically permit a single net payment in the event of default (close-out netting), including the bankruptcy or insolvency of the counterparty. Generally, collateral is exchanged between the Fund and the counterparty and the amount of collateral due from the Fund or to a counterparty has to exceed a minimum transfer amount threshold before a transfer has to be made. To the extent amounts due to the Fund from its counterparties are not fully collateralized, contractually or otherwise, the Fund bears the risk of loss from counterparty nonperformance. For financial reporting purposes, the Fund does not offset derivative assets and derivative liabilities that are subject to netting arrangements in the Statement of Assets and Liabilities. The Fund s net counterparty exposure is reflected in the counterparty table below. The net unrealized gain, if any, represents the credit risk to the Fund on a forward foreign currency contract. The contracts are valued daily at forward foreign exchange rates. The Fund realizes a gain or loss when a position is closed or upon settlement of the contracts. There were no open forward foreign currency contracts at April 30, 2016.

Equity Risk. The Fund may engage in option transactions and in doing so achieves similar objectives to what it would achieve through the sale or purchase of individual securities. A call option, upon payment of a premium, gives the purchaser of the option the right to buy, and the seller of the option the obligation to sell, the underlying security, index or other instrument at the exercise price. A put option gives the purchaser of the option, upon payment of a premium, the right to sell, and the seller the obligation to buy, the underlying security, index, or other instrument at the exercise price.

To seek to offset some of the risk of a potential decline in value of certain long positions, the Fund may also purchase put options on individual securities, broad-based securities indexes or certain exchange-traded funds (ETFs). The Fund may also seek to generate income from option premiums by writing (selling) options on a portion of the equity securities (including securities that are convertible into equity securities) in the Fund s portfolio, on broad-based securities indexes, or certain ETFs.

When a Fund purchases an option, it pays a premium and an amount equal to that premium is recorded as an asset. When a Fund writes an option, it receives a premium and an amount equal to that premium is recorded as a liability. The asset or liability is adjusted

20 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Notes to Financial Statements (Unaudited)

daily to reflect the current market value of the option. If an option expires unexercised, the Fund realizes a gain or loss to the extent of the premium received or paid. If an option is exercised, the premium received or paid is recorded as an adjustment to the proceeds from the sale or the cost basis of the purchase. The difference between the premium and the amount received or paid on a closing purchase or sale transaction is also treated as a realized gain or loss. The cost of securities acquired through the exercise of call options is increased by premiums paid. The proceeds from securities sold through the exercise of put options are decreased by the premiums paid. Gain or loss on written options and purchased options is presented separately as net realized gain or loss on written options and net realized gain or loss on purchased options, respectively.

Options written by the Fund do not typically give rise to counterparty credit risk since options written obligate the Fund and not the counterparty to perform. Exchange traded purchased options have minimal counterparty credit risk to the Fund since the exchange s clearinghouse, as counterparty to such instruments, guarantees against a possible default.

As of April 30, 2016, the Fund had outstanding purchased options and/or written options as listed on the Schedule of Investments. For the period ended April 30, 2016, the Fund had the following transactions in options written:

| | NUMBER OF CONTRACTS | PREMIUMS RECEIVED |
|---|---------------------------|----------------------|
| Options outstanding at October 31, 2015 | | \$ |
| Option written | 3,499 | 258,509 |
| Options closed | | |
| Options exercised | | |
| Options expired | | |
| Options outstanding at April 30, 2016 | 3,499 | \$ 258,509 |

Interest Rate Risk. The Fund engages in interest rate swaps primarily to hedge the interest rate risk on the Fund s borrowings (see Note 7 Borrowings). An interest rate swap is a contract that involves the exchange of one type of interest rate for another type of interest rate. If interest rates rise, resulting in a diminution in the value of the Fund s portfolio, the Fund would receive payments under the swap that would offset, in whole or in part, such diminution in value; if interest rates fall, the Fund would likely lose money on the swap transaction. Unrealized gains are reported as an asset, and unrealized losses are reported as a liability on the Statement of Assets and Liabilities. The change in value of swaps, including accruals of periodic amounts of interest to be paid or received on swaps, is reported as change in net unrealized appreciation/depreciation on interest rate swaps in the Statement of Operations. A realized gain or loss is recorded in net realized gain (loss) on interest rate swaps in the Statement of Operations upon payment or receipt of a periodic payment or termination of the swap agreements. Swap agreements are stated at fair value. Notional principal amounts are used to express the extent of involvement in these transactions, but the amounts potentially subject to credit risk are much smaller. In connection with these contracts, securities may be identified as collateral in accordance with the terms of the respective swap contracts in the event of default or bankruptcy of the Fund.

Premiums paid to or by a Fund are accrued daily and included in realized gain (loss) when paid on swaps in the accompanying Statement of Operations. The contracts are marked-to-market daily based upon third party vendor valuations and changes in value are recorded as unrealized appreciation (depreciation). Gains or losses are realized upon early termination of the contract. Risks may exceed amounts recognized in the Statement of Assets and Liabilities. These risks include changes in the returns of the underlying instruments, failure of the counterparties to perform under the contracts terms, counterparty s creditworthiness, and the possible lack of liquidity with respect to the contracts.

As of April 30, 2016, the Fund had outstanding interest rate swap agreements as listed on the Schedule of Investments.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 21

Notes to Financial Statements (Unaudited)

As of April 30, 2016, the Fund had outstanding derivative contracts which are reflected on the Statement of Asset and Liabilities as follows:

| ASSET DERIVATIVES | | ABILITY IVATIVES |
|----------------------|-------------------|-------------------------------------|
| | | |
| \$ | \$ | 49,612 |
| 15,464 | | |
| | | 225,735 |
| | | |
| \$ 15.464 | \$ | 275.347 |
| | DERIVATIVES \$ | DERIVATIVES DERI \$ \$ 15,464 |

The following table presents the outstanding derivative contracts, organized by counterparty, that are subject to enforceable master netting agreements as of April 30, 2016:

| | GROSS | AMOUN | TS NOT | OFFSET I | N THE | STATEMEN' | Γ OF ASSETS AND | LIABILITIES |
|-----------------|-------------------------------------|--------|--------|------------|--------------|-----------|-----------------|-------------|
| | GROSS A | MOUNTS | PRESI | ENTED | | | NET AMOUNT | NET AMOUNT |
| | IN THE | | | RECEIVABLE | PAYABLE IN | | | |
| | STATEMENT OF ASSETS AND LIABILITIES | | | | IN THE EVENT | THE EVENT | | |
| | | | | | COLI | ATERAL | OF | OF |
| Counterparty | AS | SETS | LIAB | ILITIES | PLI | EDGED | DEFAULT | DEFAULT |
| BNP Paribas, SA | ISDA \$ | | \$ | 49,612 | \$ | (49,612) | \$ | \$ |
| | | | | | | | | |
| | \$ | | \$ | 49,612 | \$ | (49,612) | \$ | \$ |

- (1) Generally, the Statement of Assets and Liabilities location for Interest rate swaps is Unrealized appreciation (depreciation) on interest rate swaps.
- (2) Generally, the Statement of Assets and Liabilities location for Options purchased is Investments in securities.
- (3) Generally, the Statement of Assets and Liabilities location for Options written is Options written, at value. For the period ended April 30, 2016, the volume of derivative activity for the Fund is reflected below:*

| | VOLUME |
|-------------------|--------|
| Options purchased | 868 |
| Options written | 3,499 |

* Activity during the period is measured by opened number of contracts for options purchased or written.

Note 7 Borrowings

The Fund, with the approval of its board of trustees, including its independent trustees, has entered into a financing package that includes a Committed Facility Agreement (the BNP Agreement) with BNP Paribas Prime Brokerage International Ltd. (BNP) that allows the Fund to borrow up to \$27.5 million and a lending agreement (Lending Agreement), as defined below. In addition, the financing package also includes a Credit Agreement (the SSB Agreement, together with the BNP Agreement, Agreements) with State Street Bank and Trust Company (SSB) that allows the Fund to borrow up to a limit of \$27.5 million, and a related securities lending authorization agreement (Authorized Agreement). Borrowings under the BNP Agreement and the SSB Agreement are secured by assets of the Fund that are held with the Fund's custodian in a separate account (the pledged collateral). BNP and SSB share an equal claim on the pledged collateral, subject to any adjustment that may be agreed upon between the lenders. Interest on the BNP Agreement is charged at the three month LIBOR (London Inter-bank Offered Rate) plus .65% on the amount borrowed and .55% on the undrawn balance. Interest on the SSB Agreement is charged on the drawn amount at the rate of Overnight LIBOR plus .80% and .10% on the undrawn balance (if the undrawn amount is more than 75% of the borrowing limit, the commitment fee is .20%). For the period ended April 30, 2016, the average borrowings under the Agreements were \$43.1 million. For the period ended April 30, 2016, the average interest rate was 1.09%. As of April 30, 2016, the amount of total outstanding borrowings was \$42.0 million (\$21.0 million under the BNP Agreement and \$21.0 million under the SSB Agreement), which approximates fair value. The interest rate applicable to the borrowings on April 30, 2016 was 1.10%.

The Lending Agreement with BNP is a separate side-agreement between the Fund and BNP pursuant to which BNP may borrow a portion of the pledged collateral (the Lent Securities) in an amount not to exceed the outstanding borrowings owed by the Fund to BNP under the BNP Agreement. The Lending Agreement is intended to permit the Fund to significantly reduce the cost of its

22 CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT

Notes to Financial Statements (Unaudited)

borrowings under the BNP Agreement. BNP may re-register the Lent Securities in its own name or in another name other than the Fund, and may pledge, re-pledge, sell, lend or otherwise transfer or use the Lent Securities with all attendant rights of ownership. (It is the Fund s understanding that BNP will perform due diligence to determine the creditworthiness of any party that borrows Lent Securities from BNP.) The Fund may designate any security within the pledged collateral as ineligible to be a Lent Security, provided there are eligible securities within the pledged collateral in an amount equal to the outstanding borrowing owed by the Fund. During the period in which the Lent Securities are outstanding, BNP must remit payment to the Fund equal to the amount of all dividends, interest or other distributions earned or made by the Lent Securities.

Under the terms of the Lending Agreement with BNP, the Lent Securities are marked to market daily, and if the value of the Lent Securities exceeds the value of the then-outstanding borrowings owed by the Fund to BNP under the Agreement (the Current Borrowings), BNP must, on that day, either (1) return Lent Securities to the Fund's custodian in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings; or (2) post cash collateral with the Fund's custodian equal to the difference between the value of the Lent Securities and the value of the Current Borrowings. If BNP fails to perform either of these actions as required, the Fund will recall securities, as discussed below, in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings. The Fund can recall any of the Lent Securities and BNP shall, to the extent commercially possible, return such security or equivalent security to the Fund's custodian no later than three business days after such request. If the Fund recalls a Lent Security pursuant to the Lending Agreement, and BNP fails to return the Lent Securities, or equivalent securities in a timely fashion, BNP shall remain liable for the ultimate delivery of such Lent Securities, or equivalent securities, to be made to the Fund's custodian, and for any buy-in costs that the executing broker for the sales transaction may impose with respect to the failure to deliver. The Fund shall also have the right to apply and set-off an amount equal to one hundred percent (100%) of the then-current fair market value of such Lent Securities against the Current Borrowings.

Under the terms of the Authorized Agreement with SSB, all securities lent through SSB must be secured continuously by collateral received in cash, cash equivalents, or U.S. Treasury bills and maintained on a current basis at an amount at least equal to the market value of the securities loaned. Cash collateral held by SSB on behalf of the Fund may be credited against the amounts borrowed under the SSB Agreement. Any amounts credited against the SSB Agreement would count against the Fund s leverage limitations under the 1940 Act, unless otherwise covered in accordance with SEC Release IC-10666. Under the terms of the Authorized Agreement with SSB, SSB will return the value of the collateral to the borrower upon the return of the lent securities, which will eliminate the credit against the SSB Agreement and will cause the amount drawn under the SSB Agreement to increase in an amount equal to the returned collateral. Under the terms of the Authorized Agreement with SSB, the Fund will make a variable net income payment related to any collateral credited against the SSB Agreement which will be paid to the securities borrower, less any payments due to the Fund or SSB under the terms of the Authorized Agreement. The Fund has the right to call a loan and obtain the securities loaned at any time. As of April 30, 2016, the Fund used approximately \$11.7 million of its cash collateral to offset the SSB Agreement, representing 8.1% of managed assets, and was required to pay a net income payment equal to an annualized interest rate of 0.59%, which can fluctuate depending on interest rates. As of April 30, 2016, approximately \$11.2 million of securities were on loan (\$1.6 million of fixed income securities and \$9.6 million of equity securities) which are reflected in the Investment in securities, at value on the Statement of Assets and Liabilities.

On May 22, 2015, the Fund s board of trustees amended the Fund s non-fundamental policy with respect to borrowings to be measured based on managed assets rather than total assets. The policy, as amended, is as follows:

As a non-fundamental policy, the Fund may not issue debt securities, borrow money or issue preferred shares in an aggregate amount exceeding 38% of the Fund s managed assets measured at the time of issuance of the new securities.

For purposes of this non-fundamental policy, managed assets shall mean the total assets of the Fund (including any assets attributable to any leverage that may be outstanding) minus the sum of liabilities (other than debt representing financial leverage). The policy is measured at each incurrence of the debt, and is not a maintenance test.

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 23

Notes to Financial Statements (Unaudited)

Note 8 Fair Value Measurements

Various inputs are used to determine the value of the Fund s investments. These inputs are categorized into three broad levels as follows:

Level 1 Prices are determined using inputs from unadjusted quoted prices from active markets (including securities actively traded on a securities exchange) for identical assets.

Level 2 Prices are determined using significant observable market inputs other than unadjusted quoted prices, including quoted prices of similar securities, fair value adjustments to quoted foreign securities, interest rates, credit risk, prepayment speeds, and other relevant data.

Level 3 Prices reflect unobservable market inputs (including the Funds own judgments about assumptions market participants would use in determining fair value) when observable inputs are unavailable.

Debt securities are valued based upon evaluated prices received from an independent pricing service or from a dealer or broker who makes markets in such securities. Pricing services utilize various observable market data and as such, debt securities are generally categorized as Level 2. The levels are not necessarily an indication of the risk or liquidity of the Fund s investments. Transfers between the levels for investment securities or other financial instruments are measured at the end of the reporting period.

The following is a summary of the inputs used in valuing the Fund s holdings at fair value:

| | LEVEL 1 | LEVEL 2 | LEVEL 3 | TOTAL |
|------------------------------|---------------|---------------|---------|----------------|
| Assets: | | | | |
| Corporate Bonds | \$ | \$ 9,795,172 | \$ | \$ 9,795,172 |
| Convertible Bonds | | 47,010,640 | | 47,010,640 |
| Convertible Preferred Stocks | 7,218,177 | | | 7,218,177 |
| Common Stocks U.S. | 42,280,068 | | | 42,280,068 |
| Common Stocks Foreign | 9,802,842 | 27,015,111 | | 36,817,953 |
| Purchased Option | 15,464 | | | 15,464 |
| Short Term Investment | 2,031,222 | | | 2,031,222 |
| | | | | |
| Total | \$ 61,347,773 | \$ 83,820,923 | \$ | \$ 145,168,696 |
| | | | | |
| Liabilities: | | | | |
| Written Options | \$ 225,735 | \$ | \$ | \$ 225,735 |
| Interest Rate Swaps | | 49,612 | | 49,612 |
| | | | | |
| Total | \$ 225,735 | \$ 49,612 | | |