CALAMOS GLOBAL TOTAL RETURN FUND Form N-Q March 20, 2009

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM N-Q QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

INVESTMENT COMPANY ACT FILE NUMBER: 811-21547

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

ADDRESS2020 Calamos Court, NapervilleOFIllinois 60563PRINCIPALEXECUTIVEOFFICES:

NAME AND John P. Calamos Sr., President
ADDRESS Calamos Advisors LLC,
OF AGENT 2020 Calamos Court,
FOR Naperville, Illinois
SERVICE: 60563
REGISTRANT S TELEPHONE NUMBER, INCLUDING AREA CODE: (630) 245-7200
DATE OF FISCAL YEAR END: October 31, 2009
DATE OF REPORTING PERIOD: January 31, 2009

## ITEM 1. SCHEDULE OF INVESTMENTS January 31, 2009 (UNAUDITED)

#### Calamos Global Total Return Fund

### SCHEDULE OF INVESTMENTS JANUARY 31, 2009 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
CORPORATE BONDS (25.8%)		
	Consumer Discretionary (9.4%)	
2,023,000	DIRECTV Financing Company, Inc.~	
000 000	8.375%, 03/15/13	\$ 2,043,230
982,000	Expedia, Inc.	000 220
1.841.000	7.456%, 08/15/18	800,330
1,841,000	Goodyear Tire & Rubber Company 7.857%, 08/15/11	1,739,746
1,964,000	MGM Mirage	1,739,740
1,704,000	8.375%, 02/01/11	1,148,940
1,964,000	Royal Caribbean Cruises, Ltd.	1,1 10,9 10
-,	7.250%, 06/15/16	1,060,560
1,964,000	Service Corp. International	
	7.500%, 04/01/27	1,404,260
		8,197,066
	Consumer Staples (2.6%)	
1,473,000	Del Monte Foods Company	
1,1,0,000	8.625%, 12/15/12	1,502,460
1,964,000	Pilgrim s Pride Corp. (in default)**	-,,
) )	7.625%, 05/01/15	775,780
		2,278,240
	Energy (1.6%)	
609,000	Frontier Oil Corp.	
	8.500%, 09/15/16	581,595
736,000	Petróleo Brasileiro, SA	
	8.375%, 12/10/18	776,480
		1,358,075
	Financials (0.9%)	
903,000	Leucadia National Corp.	
	8.125%, 09/15/15	735,945
		, -

1,768,000	<i>Health Care (1.9%)</i> HCA, Inc. 9.250%, 11/15/16	1,692,860
1,768,000	<i>Industrials (1.6%)</i> H&E Equipment Service, Inc. 8.375%, 07/15/16	1,060,800
403,000	SPX Corp.*~ 7.625%, 12/15/14	371,264
		1,432,064
2,651,000	<i>Information Technology (2.6%)</i> SunGard Data Systems, Inc. <sup>1</sup> 9.125%, 08/15/13	2,226,840
1,964,000	<i>Materials (2.1%)</i> Mosaic Company*~ 7.625%, 12/01/16	1,848,811
1,669,000	<i>Telecommunication Services (2.3%)</i> Frontier Communications Corp.~ 9.000%, 08/15/31	1,251,750
736,000	Windstream Corp. 8.625%, 08/01/16	728,640
		1,980,390
982,000	<i>Utilities (0.8%)</i> Energy Future Holdings Corp. 10.500%, 11/01/15	731,590
	<b>TOTAL CORPORATE BONDS</b> (Cost \$28,017,978)	22,481,881
CONVERTIBLE BONDS (29.1%)		
800,000 EUR	<i>Consumer Discretionary (2.2%)</i> Adidas, AG <sup>1</sup> 2.500%, 10/08/18	1,215,094
85,000,000 JPY	Yamada Denki Company, Ltd. <sup>1</sup> 0.000%, 03/31/15	714,279
		1,929,373
75,000,000 JPY	<i>Consumer Staples (0.8%)</i> Asahi Breweries, Ltd. <sup>1</sup> 0.000%, 05/26/28	719,653
3,400,000	Energy (6.5%)	1,598,000

	Petroleum Geo-Services ASA <sup>1</sup> 2.700%, 12/03/12	
2,700,000	SeaDrill, Ltd. <sup>1</sup>	
, ,	3.625%, 11/08/12	1,446,808
1,700,000	Subsea 7, Inc. <sup>1</sup>	
	2.800%, 06/06/11	1,124,125
1,700,000	Transocean, Ltd Class A <sup>1</sup>	
	1.625%, 12/15/37	1,513,000
		5,681,933
	Financials (2.9%)	
2,000,000	Banco Espirito Santo, SA <sup>1</sup>	
	1.250%, 02/26/11	1,825,000
700,000	Leucadia National Corp.	
	3.750%, 04/15/14	653,625
		2,478,625
	Health Care (4.1%)	
1,400,000	China Medical Technologies, Inc. <sup>1</sup>	
	4.000%, 08/15/13	593,250
1,200,000	Medtronic, Inc.~	
	1.625%, 04/15/13	1,063,500
1,800,000	Teva Pharmaceutical Industries, Ltd. <sup>1</sup>	
	1.750%, 02/01/26	1,926,000
		3,582,750

See accompanying Notes to Schedule of Investments

Calamos Global Total Return Fund

## SCHEDULE OF INVESTMENTS JANUARY 31, 2009 (UNAUDITED)

PRINCIPAL AMOUNT		VAL
	Industrials (4.0%)	
650,000 EUR	Nexans, SA	
000,000 2011	1.500%, 01/01/13	\$ 570
1,175,000	Quanta Services, Inc.~	
, ,	3.750%, 04/30/26	1,254
600,000 EUR	SGL Carbon, AG	,
	0.750%, 05/16/13	56
	Suntech Power Holdings Company, Ltd. <sup>1</sup>	
995,000	0.250%, 02/15/12	764
700,000	3.000%, 03/15/13	29:
		3,452
	Information Technology (4.9%)	
4,200,000 EUR	Cap Gemini, $SA^1$	
4,200,000 LOK	1.000%, 01/01/12	2,179
2,700,000	Intel Corp. <sup>1</sup>	2,17
2,700,000	2.950%, 12/15/35	2,082
	2.75070, 12(15)55	2,002
		4,26
	Materials (1.3%)	
	Newmont Mining Corp.	
620,000	1.625%, 07/15/17	654
400,000	3.000%, 02/15/12	44′
		1,102
	<b>Telecommunication Services (2.4%)</b>	
2,400,000	NII Holdings, Inc. <sup>1</sup>	
_,,	2.750%, 08/15/25	2,12
	TOTAL CONVERTIDI E DONDO	
	TOTAL CONVERTIBLE BONDS (Cost \$34,462,276)	25,33

Corporate Bonds (0.5%)

	Consumer Discretionary (0.2%)	
37,000	DIRECTV Financing Company, Inc.~	37 370
18,000	8.375%, 03/15/13 Expedia, Inc.	37,370
	7.456%, 08/15/18	14,670
34,000	Goodyear Tire & Rubber Company	22,120
36,000	7.857%, 08/15/11 MGM Mirage	32,130
50,000	8.375%, 02/01/11	21,060
36,000	Royal Caribbean Cruises, Ltd.	
36,000	7.250%, 06/15/16 Service Corp. International	19,440
50,000	7.500%, 04/01/27	25,740
		150,410
	Consumer Staples (0.1%)	
27,000	Del Monte Foods Company	
26,000	8.625%, 12/15/12	27,540
36,000	Pilgrim s Pride Corp. (in default)** 7.625%, 05/01/15	14,220
		,
		41,760
	Energy (0.0%)	
11,000	Frontier Oil Corp.	
	8.500%, 09/15/16	10,505
14,000	Petróleo Brasileiro, SA 8.375%, 12/10/18	14,770
	8. <i>373%</i> , 12/10/18	14,770
		25,275
	Financials (0.0%)	
17,000	Leucadia National Corp.	
,	8.125%, 09/15/15	13,855
	Health Care (0.0%)	
32,000	HCA, Inc.	
- ,	9.250%, 11/15/16	30,640
	Industrials (0.0%)	
32,000	H&E Equipment Service, Inc.	
52,000	8.375%, 07/15/16	19,200
7,000	SPX Corp.*~	,
	7.625%, 12/15/14	6,449
		25,649
	Information Technology (0.1%)	
49,000	SunGard Data Systems, Inc. <sup>1</sup>	
	9.125%, 08/15/13	41,160

<i>Materials (0.0%)</i> Mosaic Company*~ 7.625%, 12/01/16	33,889
<i>Telecommunication Services (0.1%)</i> Frontier Communications Corp.~ 9.000%, 08/15/31	23,250
Windstream Corp. 8.625%, 08/01/16	13,860
	37,110
<i>Utilities (0.0%)</i> Energy Future Holdings Corp. 10.500%, 11/01/15	13,410
TOTAL CORPORATE BONDS	413,158
	VALUE
<i>Consumer Discretionary (0.0%)</i> Grupo Televisa, SA Call, 01/16/10, Strike \$25.00	13,750
<i>Consumer Staples (0.0%)</i> Sysco Corp. Call, 01/16/10, Strike \$30.00	11,250
<i>Industrials (0.0%)</i> ABB, Ltd. Call, 06/18/10, Strike \$24.00	14,570
	Mosaic Company*~ 7.625%, 12/01/16 <i>Telecommunication Services (0.1%)</i> Frontier Communications Corp.~ 9.000%, 08/15/31 Windstream Corp. 8.625%, 08/01/16 <i>Utilities (0.0%)</i> Energy Future Holdings Corp. 10.500%, 11/01/15 TOTAL CORPORATE BONDS <i>Consumer Discretionary (0.0%)</i> Grupo Televisa, SA Call, 01/16/10, Strike \$25.00 <i>Consumer Staples (0.0%)</i> Sysco Corp. Call, 01/16/10, Strike \$30.00 <i>Industrials (0.0%)</i> ABB, Ltd.

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Calamos Global Total Return Fund

## SCHEDULE OF INVESTMENTS JANUARY 31, 2009 (UNAUDITED)

NUMBER OF CONTRACTS		VALUE
130	<i>Information Technology (0.1%)</i> QUALCOMM, Inc.	
150	Call, 01/16/10, Strike \$45.00	\$ 33,345
	TOTAL PURCHASED OPTIONS	72,915
	TOTAL SYNTHETIC CONVERTIBLE SECURITIES	
	(Cost \$972,871)	486,073
NUMBER OF SHARES		VALUE
CONVERTIBLE PREFERRI	Consumer Staples (1.8%)	
22,000	Archer Daniels Midland Company 6.250% Bunge, Ltd.	793,320
7,800 675	4.875% 5.125%	475,800 290,250
075	5.12570	1,559,370
	Financials (2.9%)	
17,000	American International Group, Inc. <sup>1</sup> 8.500%	153,000
2,700	Bank of America Corp. <sup>1</sup> 7.250%	1,417,500
60,000	Citigroup, Inc. <sup>1</sup> 6.500%	915,000
		2,485,500
	Health Care (2.1%)	
15 EUR	Bayer, AG 6.625%	1,055,370

4,500	Schering-Plough Corp. 6.000%	783,045
		1,838,415
	Materials (2.0%)	
115 CHF	Givaudan, SA <sup>1</sup>	
	5.375%	698,898
34,000	Vale Capital, Ltd. (Companhia Vale do Rio Doce) $\Delta$	
	5.500%	1,059,100