

Eaton Vance Enhanced Equity Income Fund II
Form N-CSR
February 27, 2008

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 811-21670

Eaton Vance Enhanced Equity Income Fund II
(Exact name of registrant as specified in charter)

The Eaton Vance Building, 255 State Street, Boston, Massachusetts
(Address of principal executive offices)

02109
(Zip code)

Maureen A. Gemma

The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109
(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 482-8260

Date of fiscal year end: December 31

Date of reporting period: December 31, 2007

Item 1. Reports to Stockholders

Annual Report December 31, 2007

EATON VANCE
ENHANCED
EQUITY
INCOME
FUND II

**IMPORTANT NOTICES REGARDING PRIVACY,
DELIVERY OF SHAREHOLDER DOCUMENTS,
PORTFOLIO HOLDINGS AND PROXY VOTING**

Privacy. The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy ("Privacy Policy") with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer's account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker/dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributors, Inc.

In addition, our Privacy Policy only applies to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e. fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures.

For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

Delivery of Shareholder Documents. The Securities and Exchange Commission (the "SEC") permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called "householding" and it helps eliminate duplicate mailings to shareholders.

Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise.

If you would prefer that your Eaton Vance documents not be househanded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser.

Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio (if applicable) will file a schedule of its portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying Portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12 month period ended June 30, without charge, upon request, by calling 1-800-262-1122. This description is also available on the SEC's website at www.sec.gov.

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE

Walter A. Row, CFA

Eaton Vance Management

Co-Portfolio Manager

Lewis R. Piantedosi

Eaton Vance Management

Co-Portfolio Manager

Ronald M. Egalka

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Rampart Investment

Management

Co-Portfolio Manager

David R. Fraley

Rampart Investment

Management

Co-Portfolio Manager

Economic and Market Conditions

- Broad equity markets finished the year ended December 31, 2007, with respectable gains, despite increased volatility and ongoing concerns regarding the credit and housing markets. Global equities were booming early in 2007 as strong momentum continued from the previous year, but global markets encountered a turbulent second half of the year. Troubles with subprime mortgages and the U.S. housing crisis rattled the financial markets, leading to concerns of an economic slowdown. Additionally, crude oil prices continued to rise to new highs, while the U.S. dollar fell to record lows versus other major currencies, boosting many foreign market indices. Despite the Federal Reserve's decision to lower interest rates during the second half of 2007, volatility in the equity and fixed income markets continued through year-end.

- Within the Russell 1000 Growth Index, energy, materials, utility, information technology, consumer staples, and industrials stocks generated double-digit annual results, while financial, telecommunication services and consumer discretionary investments realized weaker returns. Growth-oriented strategies did well, and large-capitalization stocks generally outperformed small-caps, a recent reversal of multi-year trends. International stocks continued to perform better than domestic stocks.(1)

Management Discussion

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- The Fund's primary investment objective is to provide current income, with a secondary objective of capital appreciation. The Fund pursues its investment objectives by investing primarily in a portfolio of mid- and large-capitalization common stocks, seeking to invest primarily in companies with above-average growth and financial strength. Under normal market conditions, the Fund seeks to generate current earnings from option premiums by selling covered call options with respect to a substantial portion of its portfolio securities. During the year ended December 31, 2007, the Fund continued to provide shareholders with attractive monthly distributions.

- At net asset value (NAV), the Fund outperformed comparative indices, the CBOE S&P 500 Buy-Write Index and the CBOE NASDAQ 100 Buy-Write Index, while underperforming the Russell 1000 Growth Index during the year ended December 31, 2007. Market volatility created opportunities for the Fund, as shown by the Fund's performance at NAV. However, the adverse reaction of investors to volatility caused the Fund's market share price, like those of many other closed-end funds, to trade at a discount to

Eaton Vance Enhanced Equity Income Fund II

Total Return Performance 12/31/06 12/31/07

NYSE symbol	EOS
At Net Asset Value (NAV)	9.52%
At Market	-6.05%
Russell 1000 Growth Index(1)	11.81%
CBOE S&P 500 Buy-Write Index(1)	6.59%
CBOE NASDAQ 100 Buy-Write Index(1)	7.25%
Total Distributions per share	\$ 1.728
Distribution Rate(2)	<i>On NAV</i> 8.86% <i>On Market</i> 9.74%

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- (1) It is not possible to invest directly in an Index. The Indices' total returns do not reflect commissions or expenses that would have been incurred if an investor individually purchased or sold the securities represented in the Indices
- (2) Distribution Rate is based on the Fund's most recent monthly distribution per share (annualized) divided by the Fund's NAV or market price at the end of the period. The Fund's monthly distributions may be comprised of ordinary income, net realized capital gains and return of capital.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's shares, or changes in Fund distributions. The Fund has no current intention to utilize leverage, but may do so in the future through the issuance of preferred shares and/or borrowings, including the issuance of debt securities. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than the quoted return. For performance as of the most recent month end, please refer to www.eatonvance.com.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

NAV and register a negative return. The Fund's information technology stocks featured some strong performers. A maker of computers, digital music players and communications devices fared well, boosted from new product introductions and the opening of new global markets. A manufacturer of cards that supply computer graphics benefited from rising sales of laptops. In the consumer discretionary sector, the Fund was boosted by the performance of a European operator of television channels, which saw strong advertising revenue growth in eastern European markets. In the energy area, the Fund benefited from its investments in selected energy services companies, which saw strong demand amid high oil prices, a rising rig fleet and increasing capital spending among oil and gas exploration companies. The Fund's financial sector holdings were among the poorer performers, pressured by the continuing credit crisis and concern among retail investors.

- At December 31, 2007, the Fund had written call options on 58.6% of its equity holdings. The Fund seeks current earnings from option premiums. Option premiums available from writing call options vary with investors' expectation of the future volatility of the underlying asset. This expectation of volatility, or implied volatility, is the primary variable that drives the pricing of options and therefore the premiums available from option writing strategies. The implied volatility of equity based options increased during the year, spurred, in part, by difficulties in subprime mortgages and turmoil in the international markets. The Fund was able to monetize some of the increased volatility in the form of higher premiums over the twelve months ended December 31, 2007.

The views expressed throughout this report are those of the portfolio managers and are current only through the end of the period of the report as stated on the cover. These views are subject to change at any time based upon market or other conditions, and the investment adviser disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for a fund are based on many factors, may not be relied on as an indication of trading intent on behalf of any Eaton Vance fund. In addition, portfolio information provided in the report may not be representative of the Fund's current or future investments and may change due to active management.

Fund Performance

NYSE Symbol:	EOS
<u>Average Annual Total Returns (by share price, New York Stock Exchange)</u>	
One Year	-6.05%
Life of Fund (1/31/05)	6.43
<u>Average Annual Total Returns (at net asset value)</u>	
One Year	9.52%
Life of Fund (1/31/05)	9.92

Fund Composition

Ten Largest Equity Holdings(1)

By total investments

Apple, Inc.	2.2%
Hess Corp.	2.0
Ecolab, Inc.	1.7

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Oracle Corp.	1.7
NVIDIA Corp.	1.5
Nestle SA ADR	1.4
Alliant Techsystems, Inc.	1.4
Texas Instruments, Inc	1.4
Intel Corp.	1.3
Central European Media Enterprises, Ltd., CI A	1.3

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- (1) Ten Largest Equity Holdings represented 15.9% of the Fund's total investments as of 12/31/07. The ten largest equity holdings are presented without the offsetting effect of the Fund's written option positions at 12/31/07.

Common Stock Sector Allocation(2)

By total investments

-
- (2) Reflects the Fund's total investments as of 12/31/07. The sector allocations are presented without the offsetting effect of the Fund's written option positions at 12/31/07.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's shares, or changes in Fund distributions. The Fund has no current intention to utilize leverage, but may do so in the future through the issuance of preferred shares and/or borrowings, including the issuance of debt securities. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than the quoted return. For performance as of the most recent month end, please refer to www.eatonvance.com.

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

PORTFOLIO OF INVESTMENTS

Common Stocks ⁽¹⁾ 99.6%		
Security	Shares	Value
Aerospace & Defense 5.5%		
Alliant Techsystems, Inc. ⁽²⁾	116,876	\$ 13,295,814
Boeing Co. (The)	32,505	2,842,887
General Dynamics Corp.	140,994	12,547,056
Rockwell Collins, Inc.	148,330	10,675,310
United Technologies Corp.	149,095	11,411,731
		\$ 50,772,798
Auto Components 1.0%		
Johnson Controls, Inc.	271,219	\$ 9,774,733
		\$ 9,774,733
Beverages 1.3%		
PepsiCo, Inc.	155,157	\$ 11,776,416
		\$ 11,776,416
Biotechnology 2.3%		
Cephalon, Inc. ⁽²⁾	131,845	\$ 9,461,197
Genzyme Corp. ⁽²⁾	160,614	11,956,106
		\$ 21,417,303
Capital Markets 2.8%		
Affiliated Managers Group, Inc. ⁽²⁾	102,320	\$ 12,018,507
Bank of New York Mellon Corp. (The)	190,782	9,302,530
Merrill Lynch & Co., Inc.	84,687	4,545,998
		\$ 25,867,035
Chemicals 1.8%		
Ecolab, Inc.	320,122	\$ 16,393,448
		\$ 16,393,448
Commercial Services & Supplies 4.6%		
Dun & Bradstreet Corp.	75,873	\$ 6,724,624
Equifax, Inc.	254,055	9,237,440
Manpower, Inc.	185,636	10,562,688
RR Donnelley & Sons Co.	197,436	7,451,235
Republic Services Inc.	282,697	8,862,551
		\$ 42,838,538
Security		
Communications Equipment 3.2%		
Cisco Systems, Inc. ⁽²⁾	230,487	\$ 6,239,283
Corning, Inc.	521,667	12,514,791
QUALCOMM, Inc.	184,599	7,263,971
Research In Motion, Ltd. ⁽²⁾	34,780	3,944,052
		\$ 29,962,097
Computer Peripherals 3.0%		
Apple, Inc. ⁽²⁾	105,901	\$ 20,976,870

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EMC Corp. ⁽²⁾	395,294	7,324,798
		\$ 28,301,668
Consumer Finance 0.9%		
American Express Co.	161,710	\$ 8,412,154
		\$ 8,412,154
Diversified Consumer Services 0.8%		
Apollo Group, Inc., Class A ⁽²⁾	102,284	\$ 7,175,223
		\$ 7,175,223
Diversified Telecommunication Services 0.5%		
Windstream Corp.	387,340	\$ 5,043,167
		\$ 5,043,167
Electrical Equipment 1.0%		
Emerson Electric Co.	171,512	\$ 9,717,870
		\$ 9,717,870
Electronic Equipment & Instruments 0.9%		
Agilent Technologies, Inc. ⁽²⁾	221,627	\$ 8,142,576
		\$ 8,142,576
Energy Equipment & Services 5.4%		
Diamond Offshore Drilling, Inc.	76,141	\$ 10,812,022
Noble Corp.	154,209	8,714,351
Rowan Cos., Inc.	264,421	10,434,053
Schlumberger, Ltd.	103,280	10,159,654
Transocean, Inc. ⁽²⁾	71,048	10,170,521
		\$ 50,290,601

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Security	Shares	Value
Food & Staples Retailing 3.0%		
CVS Caremark Corp.	274,937	\$ 10,928,746
Kroger Co.	347,740	9,288,135
Safeway, Inc.	227,785	7,792,525
		\$ 28,009,406
Food Products 2.7%		
Kraft Foods, Inc., Class A	35,281	\$ 1,151,219
Nestle SA ADR	116,862	13,462,502
William Wrigley Jr. Co.	181,003	10,597,726
		\$ 25,211,447
Health Care Equipment & Supplies 5.4%		
Baxter International, Inc.	174,999	\$ 10,158,692
DENTSPLY International, Inc.	265,600	11,957,312
Edwards Lifesciences Corp. ⁽²⁾	248,856	11,444,887
Gen-Probe, Inc. ⁽²⁾	113,234	7,125,816
Thoratec Corp. ⁽²⁾	509,796	9,273,189
		\$ 49,959,896
Health Care Providers & Services 3.4%		
DaVita, Inc. ⁽²⁾	171,568	\$ 9,667,857
Henry Schein, Inc. ⁽²⁾	205,408	12,612,051
Lincare Holdings, Inc. ⁽²⁾	277,189	9,745,965
		\$ 32,025,873
Hotels, Restaurants & Leisure 2.8%		
International Game Technology	208,835	\$ 9,174,122
Marriott International, Inc., Class A	286,518	9,793,185
Starwood Hotels & Resorts Worldwide, Inc.	166,949	7,350,765
		\$ 26,318,072
Household Products 1.8%		
Colgate-Palmolive Co.	125,088	\$ 9,751,861
Energizer Holdings, Inc. ⁽²⁾	64,261	7,205,586
Procter & Gamble Co.	50	3,671
		\$ 16,961,118
Independent Power Producers & Energy Traders 1.2%		
NRG Energy, Inc. ⁽²⁾	264,067	\$ 11,444,664
		\$ 11,444,664
Security		
Insurance 3.3%		
Berkshire Hathaway, Inc., Class A ⁽²⁾	72	\$ 10,195,200
Travelers Cos., Inc. (The)	216,012	11,621,446
Willis Group Holdings, Ltd.	239,885	9,108,433
		\$ 30,925,079

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Internet & Catalog Retail 0.4%		
Liberty Media Corp. - Interactive Group ⁽²⁾	197,723	\$ 3,772,555
		\$ 3,772,555
Internet Software & Services 4.7%		
Akamai Technologies, Inc. ⁽²⁾	314,840	\$ 10,893,464
eBay, Inc. ⁽²⁾	192,702	6,395,779
Google Inc., Class A ⁽²⁾	14,062	9,723,592
Omniture, Inc. ⁽²⁾	202,785	6,750,713
VeriSign, Inc. ⁽²⁾	259,504	9,759,945
		\$ 43,523,493
IT Services 2.7%		
Accenture Ltd., Class A	249,345	\$ 8,983,900
Fidelity National Information Services, Inc.	211,134	8,781,063
Paychex, Inc.	202,473	7,333,572
		\$ 25,098,535
Life Sciences Tools & Services 0.8%		
Thermo Fisher Scientific, Inc. ⁽²⁾	122,120	\$ 7,043,882
		\$ 7,043,882
Machinery 1.2%		
Eaton Corp.	116,491	\$ 11,293,802
		\$ 11,293,802
Media 2.4%		
Central European Media Enterprises, Ltd., Class A ⁽²⁾	111,546	\$ 12,937,105
Time Warner, Inc.	578,029	9,543,259
		\$ 22,480,364
Metals & Mining 4.3%		
Alcoa, Inc.	264,135	\$ 9,654,134
Freeport-McMoRan Copper & Gold, Inc.	94,326	9,662,755
Goldcorp, Inc.	360,868	12,244,251
Harry Winston Diamond Corp.	246,057	8,036,222
		\$ 39,597,362

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Security	Shares	Value
Oil, Gas & Consumable Fuels 4.0%		
Anadarko Petroleum Corp.	91,289	\$ 5,996,774
Apache Corp.	38,144	4,102,006
Hess Corp.	195,369	19,704,917
Petrohawk Energy Corp. ⁽²⁾	424,140	7,341,863
		\$ 37,145,560
Personal Products 0.5%		
Estee Lauder Cos., Inc., Class A	109,464	\$ 4,773,725
		\$ 4,773,725
Pharmaceuticals 4.3%		
Abbott Laboratories	171,820	\$ 9,647,693
Eli Lilly & Co.	172,982	9,235,509
Johnson & Johnson	177,620	11,847,254
Novartis AG ADR	163,628	8,886,637
		\$ 39,617,093
Real Estate Investment Trusts (REITs) 1.0%		
Public Storage	124,574	\$ 9,144,977
		\$ 9,144,977
Road & Rail 0.7%		
JB Hunt Transport Services, Inc.	242,035	\$ 6,668,064
		\$ 6,668,064
Semiconductors & Semiconductor Equipment 8.6%		
Intel Corp.	485,857	\$ 12,952,948
KLA-Tencor Corp.	227,597	10,961,072
Linear Technology Corp.	292,817	9,320,365
Marvell Technology Group, Ltd. ⁽²⁾	541,611	7,571,722
MEMC Electronic Materials, Inc. ⁽²⁾	128,000	11,326,720
NVIDIA Corp. ⁽²⁾	438,919	14,932,024
Texas Instruments, Inc.	395,881	13,222,425
		\$ 80,287,276
Software 2.7%		
Autodesk, Inc. ⁽²⁾	183,138	\$ 9,112,947
Oracle Corp. ⁽²⁾	724,375	16,356,388
		\$ 25,469,335
Security	Shares	Value
Tobacco 2.0%		
Altria Group, Inc.	158,761	\$ 11,999,156
Loews Corp. - Carolina Group	78,111	6,662,868
		\$ 18,662,024
Wireless Telecommunication Services 0.7%		
Rogers Communications, Inc., Class B	153,366	\$ 6,939,812

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	\$ 6,939,812	
Total Common Stocks (identified cost \$894,543,019)	\$ 928,259,041	
Short-Term Investments 4.3%		
Description	Interest (000's omitted)	Value
Investment in Cash Management Portfolio, 4.58% ⁽³⁾	\$ 39,844	\$ 39,843,921
Total Short-Term Investments (identified cost \$39,843,921)		\$ 39,843,921
Total Investments 103.9% (identified cost \$934,386,940)		\$ 968,102,962
Covered Call Options Written (2.9)%		

Security	Number of Contracts	Strike Price	Expiration Date	Value
Abbott Laboratories	1,718	\$ 55.00	1/19/08	\$ (300,650)
Accenture, Ltd., Class A	850	35.00	2/16/08	(238,000)
Affiliated Managers Group, Inc.	860	130.00	3/22/08	(301,000)
Agilent Technologies, Inc.	1,260	35.00	2/16/08	(352,800)
Akamai Technologies, Inc.	1,345	40.00	2/16/08	(154,675)
Alcoa Inc.	1,400	37.50	1/19/08	(133,000)
Alliant Techsystems, Inc.	1,168	115.00	2/16/08	(478,880)
American Express Co.	920	60.00	1/19/08	(4,600)
Anadarko Petroleum	615	60.00	1/19/08	(412,050)
Apache Corp.	381	100.00	1/19/08	(347,472)
Apple, Inc.	1,059	180.00	1/19/08	(2,229,195)
Autodesk, Inc.	1,225	50.00	1/19/08	(159,250)
Baxter International, Inc.	1,095	60.00	2/16/08	(165,345)
Boeing Company	175	95.00	2/16/08	(18,375)

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Security	Number of Contracts	Strike Price	Expiration Date	Value
Central European				
Media Enterprises, Ltd., Class A	1,115	\$ 110.00	1/19/08	\$ (897,575)
Cephalon, Inc.	985	80.00	2/16/08	(64,025)
Cisco Systems, Inc.	2,304	32.50	1/19/08	(4,608)
Colgate-Palmolive Co.	785	80.00	2/16/08	(104,405)
Corning, Inc.	3,590	25.00	2/16/08	(323,100)
CVS Caremark Corp.	2,045	42.50	2/16/08	(92,025)
Da Vita, Inc.	765	60.00	4/19/08	(179,775)
DENTSPLY International, Inc.	2,656	45.00	1/19/08	(294,816)
Dun & Bradstreet Corp.	540	100.00	2/16/08	(21,600)
Eaton Corp.	700	100.00	1/19/08	(108,500)
eBay, Inc.	555	35.00	4/19/08	(127,650)
Ecolab, Inc.	3,201	50.00	1/19/08	(624,195)
Edwards Lifesciences Corp.	1,345	50.00	2/16/08	(33,625)
Eli Lilly & Co.	990	55.00	4/19/08	(237,600)
EMC Corp.	3,952	22.50	1/19/08	(19,760)
Equifax, Inc.	1,240	40.00	1/19/08	(18,600)
Estee Lauder Cos., Inc., Class A	620	45.00	1/19/08	(41,850)
Fidelity National Information Services, Inc.	1,250	50.00	1/19/08	(50,000)
Freeport McMoran Copper & Gold, Inc.	720	115.00	2/16/08	(204,480)
General Dynamics Corp.	1,040	90.00	2/16/08	(301,600)
Genzyme Corp.	1,375	72.50	1/19/08	(446,875)
Gen-Probe, Inc.	565	65.00	2/16/08	(128,537)
Goldcorp, Inc.	2,910	32.50	1/19/08	(640,200)
Henry Schein.	1,295	60.00	4/19/08	(602,175)
Hess Corp.	1,520	70.00	2/16/08	(4,833,600)
Intel Corp.	3,265	27.50	1/19/08	(166,515)
International Game Technology	2,088	45.00	1/19/08	(208,800)
JB Hunt Transport Services, Inc.	1,235	25.00	2/16/08	(432,250)
Johnson & Johnson	880	65.00	1/19/08	(176,000)
KLA-Tencor Corp.	780	50.00	3/22/08	(165,360)
Kroger Co.	1,740	30.00	1/19/08	(17,400)
Liberty Media Corp.-Interactive Group	730	20.00	1/19/08	(9,125)
Lincare Holdings, Inc.	1,450	35.00	1/19/08	(159,500)
Linear Technology Corp.	1,550	35.00	1/19/08	(23,250)
Loews Corp. - Carolina Group	550	90.00	3/22/08	(88,000)
Manpower, Inc.	675	60.00	3/22/08	(204,188)
Marriott International, Inc., Class A	1,320	42.50	1/19/08	(13,200)
Marvell Technology Group, Ltd.	1,555	17.50	2/16/08	(23,325)
MEMC Electronic Materials, Inc.	680	65.00	1/19/08	(1,625,200)

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Security	Number of Contracts	Strike Price	Expiration Date	Value
Merrill Lynch & Co., Inc.	645	\$ 60.00	1/19/08	\$ (29,025)
Noble Corp.	950	52.50	1/19/08	(465,500)
Novartis AG	830	55.00	1/19/08	(49,800)
NRG Energy, Inc.	1,285	42.50	3/22/08	(443,325)
NVIDIA Corp.	3,700	37.50	3/22/08	(795,500)
Omniture, Inc.	1,560	35.00	3/22/08	(546,000)
Oracle Corp.	7,243	22.50	3/22/08	(1,195,095)
Paychex, Inc.	1,075	40.00	3/22/08	(37,625)
PepsiCo, Inc.	1,551	72.50	1/19/08	(634,359)
Petrohawk Energy Corp.	2,735	20.00	1/19/08	(27,350)
Public Storage	970	80.00	3/22/08	(300,700)
QUALCOMM Inc.	885	42.50	1/19/08	(20,355)
Republic Services, Inc.	1,375	35.00	1/19/08	(13,750)
Research In Motion, Ltd.	130	115.00	1/19/08	(63,050)
Rockwell Collins, Inc.	1,000	75.00	1/19/08	(25,000)
Rogers Communications, Inc., Class B	930	50.00	1/19/08	(13,950)
Rowan Cos., Inc.	1,695	40.00	1/19/08	(177,975)
Safeway, Inc.	1,365	35.00	3/22/08	(293,475)
Schlumberger, Ltd.	685	95.00	2/16/08	(506,900)
Texas Instruments, Inc.	1,545	32.50	4/19/08	(438,780)
Thermo Fisher Scientific, Inc.	1,221	60.00	3/22/08	(213,675)
Thoratec Corp.	1,655	20.00	1/19/08	(24,825)
Time Warner, Inc.	1,440	17.50	4/19/08	(86,400)
Transocean, Inc.	720	125.00	2/16/08	(741,600)
Travelers Cos., Inc. (The)	2,160	55.00	1/19/08	(183,600)
United Technologies Corp.	1,010	75.00	2/16/08	(383,800)
Willis Group Holdings, Ltd.	960	40.00	1/19/08	(12,000)
William Wrigley Jr. Co.	1,810	65.00	3/22/08	(108,600)
Total Covered Call Options Written (premiums received \$26,747,863)				\$ (26,840,595)
Other Assets, Less Liabilities (1.0)%				\$ (9,482,193)
Net Assets 100.0%				\$ 931,780,174

ADR - American Depository Receipt

(1) A portion of each common stock holding has been segregated as collateral for options written.

(2) Non-income producing security.

(3) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of December 31, 2007.

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

FINANCIAL STATEMENTS

Statement of Assets and Liabilities

As of December 31, 2007

Assets	
Unaffiliated investments, at value (identified cost, \$894,543,019)	\$ 928,259,041
Affiliated investment, at value (identified cost, \$39,843,921)	39,843,921
Dividends and interest receivable	752,446
Interest receivable from affiliated investment	251,960
Receivable from sub-adviser	6,890
Total assets	\$ 969,114,258
Liabilities	
Written options outstanding, at value (premiums received, \$26,747,863)	\$ 26,840,595
Payable for investments purchased	9,368,949
Payable to affiliate for investment advisory fee	772,254
Payable to affiliate for Trustees' fees	6,082
Accrued expenses	346,204
Total liabilities	\$ 37,334,084
Net Assets	\$ 931,780,174
Sources of Net Assets	
Common shares, \$0.01 par value, unlimited number of shares authorized, 47,774,021 shares issued and outstanding	\$ 477,740
Additional paid-in capital	901,442,276
Distributions in excess of net realized gain (computed on the basis of identified cost)	(4,260,924)
Accumulated undistributed net investment income	497,459
Net unrealized appreciation (computed on the basis of identified cost)	33,623,623
Net Assets	\$ 931,780,174
Net Asset Value	
(\$931,780,174 ÷ 47,774,021 common shares issued and outstanding)	\$ 19.50

Statement of Operations

For the Year Ended
December 31, 2007

Investment Income	
Dividends (net of foreign taxes, \$135,418)	\$ 8,687,857
Interest	2,493
Interest income allocated from affiliated investment	2,305,689
Expenses allocated from affiliated investment	(219,182)
Total investment income	\$ 10,776,857
Expenses	
Investment adviser fee	\$ 9,326,930

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Trustees' fees and expenses	24,470
Custodian fee	318,954
Printing and postage	293,917
Legal and accounting services	73,925
Transfer and dividend disbursing agent fees	66,364
Miscellaneous	103,439
Total expenses	\$ 10,207,999
Deduct	
Reduction of custodian fee	\$ 12
Total expense reductions	\$ 12
Net expenses	\$ 10,207,987
Net investment income	\$ 568,870
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions (identified cost basis)	\$ 43,072,583
Written options	34,583,001
Foreign currency transactions	792
Disposal of investments in violation of restrictions and net increase from payments by affiliates	0
Net realized gain	\$ 77,656,376
Change in unrealized appreciation (depreciation)	
Investments (identified cost basis)	\$ 2,564,062
Written options	3,311,371
Foreign currency	364
Net change in unrealized appreciation (depreciation)	\$ 5,875,797
Net realized and unrealized gain	\$ 83,532,173
Net increase in net assets from operations	\$ 84,101,043

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

FINANCIAL STATEMENTS CONT'D

Statements of Changes in Net Assets

Increase (Decrease) in Net Assets	Year Ended December 31, 2007	Year Ended December 31, 2006
From operations		
Net investment income	\$ 568,870	\$ 9,494,129
Net realized gain from investment transactions, written options, foreign currency transactions and disposal of investments in violation of restrictions and net increase from payments by affiliates	77,656,376	56,556,304
Net change in unrealized appreciation (depreciation) of investments, written options and foreign currency	5,875,797	23,507,345
Net increase in net assets from operations	\$ 84,101,043	\$ 89,557,778
Distributions		
From net investment income	\$ (72,203)	\$ (16,485,987)
From net realized gain	(76,086,471)	(61,838,989)
Tax return of capital	(6,326,244)	(3,691,366)
Total distributions	\$ (82,484,918)	\$ (82,016,342)
Capital share transactions		
Reinvestment of distributions	\$ 2,904,486	\$ 4,264,926
Total increase in net assets from capital share transactions	\$ 2,904,486	\$ 4,264,926
Net increase in net assets	\$ 4,520,611	\$ 11,806,362
Net Assets		
At beginning of year	\$ 927,259,563	\$ 915,453,201
At end of year	\$ 931,780,174	\$ 927,259,563
Accumulated undistributed net investment income included in net assets		
At end of year	\$ 497,459	\$ 549,900

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

FINANCIAL STATEMENTS CONT'D

Financial Highlights

		Year Ended December 31,		Period Ended
		2007	2006	December 31, 2005 ⁽¹⁾
Net asset value	Beginning of period	\$ 19.470	\$ 19.310	\$ 19.100 ⁽²⁾
Income (loss) from operations				
	Net investment income (loss) ⁽³⁾	\$ 0.012	\$ 0.200	\$ (0.015)
	Net realized and unrealized gain	1.746	1.688	1.679
	Total income from operations	\$ 1.758	\$ 1.888	\$ 1.664
Less distributions				
	From net investment income	\$ (0.001)	\$ (0.347)	\$
	From net realized gain	(1.594)	(1.303)	(1.440)
	Tax return of capital	(0.133)	(0.078)	
	Total distributions	\$ (1.728)	\$ (1.728)	\$ (1.440)
	Offering costs charged to paid-in capital ⁽³⁾	\$	\$	\$ (0.014)
Net asset value	End of period	\$ 19.500	\$ 19.470	\$ 19.310
Market value	End of period	\$ 17.750	\$ 20.660	\$ 17.860
Total Investment Return on Net Asset Value ⁽⁵⁾				
		9.52% ⁽⁴⁾	10.34%	9.08% ⁽⁶⁾⁽⁹⁾
Total Investment Return on Market Value ⁽⁵⁾				
		(6.05)% ⁽⁴⁾	26.58%	0.89% ⁽⁶⁾⁽⁹⁾
Ratios/Supplemental Data				
	Net assets, end of period (000's omitted)	\$ 931,780	\$ 927,260	\$ 915,453
Ratios (As a percentage of average daily net assets):				
	Expenses before custodian fee reduction	1.09%	1.06% ⁽⁷⁾	1.07% ⁽⁷⁾⁽⁸⁾
	Expenses after custodian fee reduction	1.09%	1.06% ⁽⁷⁾	1.07% ⁽⁷⁾⁽⁸⁾
	Net investment income (loss)	0.06%	1.04%	(0.09)% ⁽⁸⁾
	Portfolio Turnover	149%	129%	112%

(1) For the period from the start of business, January 31, 2005, to December 31, 2005.

(2) Net asset value at beginning of period reflects the deduction of the sales load of \$0.90 per share paid by the shareholder from the \$20.00 offering price.

(3) Computed using average shares outstanding.

(4) During the year ended December 31, 2007, the sub-adviser reimbursed the Fund for a realized loss on the disposal of an investment security which did not meet investment guidelines. The loss had no effect on total return.

(5) Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested.

(6) Total investment return on net asset value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the net asset value on the last day of the period reported with all distributions reinvested. Total investment return on market value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a

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sale at the current market price on the last day of the period reported with all distributions reinvested.

⁽⁷⁾ The investment adviser waived a portion of its investment advisory fee (less than 0.01% and 0.01% of average daily net assets for the years ended December 31, 2006 and 2005, respectively).

⁽⁸⁾ Annualized.

⁽⁹⁾ Not annualized.

See notes to financial statements

9

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

NOTES TO FINANCIAL STATEMENTS

I Significant Accounting Policies

Eaton Vance Enhanced Equity Income Fund II (the Fund) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a diversified, closed-end management investment company. The Fund's primary investment objective is to provide current income, with a secondary objective of capital appreciation. The Fund pursues its investment objectives by investing primarily in a portfolio of mid- and large-capitalization common stocks, seeking to invest primarily in companies with above-average growth and financial strength. Under normal market conditions, the Fund seeks to generate current earnings in part by employing an options strategy of writing covered call options with respect to a substantial portion of its portfolio securities.

The following is a summary of significant accounting policies of the Fund. The policies are in conformity with accounting principles generally accepted in the United States of America.

A Investment Valuation Equity securities listed on a U.S. securities exchange generally are valued at the last sale price on the day of valuation or, if no sales took place on such date, at the mean between the closing bid and asked prices therefore on the exchange where such securities are principally traded. Equity securities listed on the NASDAQ Global or Global Select Market generally are valued at the NASDAQ official closing price. Unlisted or listed securities for which closing sales prices or closing quotations are not available are valued at the mean between the latest available bid and asked prices or, in the case of preferred equity securities that are not listed or traded in the over-the-counter market, by an independent pricing service. Exchange-traded options are valued at the last sale price for the day of valuation as quoted on the principal exchange or board of trade on which the options are traded or, in the absence of sales on such date, at the mean between the latest bid and asked prices therefore. Over-the-counter options are valued based on broker quotations. Short-term debt securities with a remaining maturity of sixty days or less are valued at amortized cost, which approximates market value. If short-term debt securities are acquired with a remaining maturity of more than sixty days, they will be valued by a pricing service. Other fixed income and debt securities, including listed securities and securities for which price quotations are available, will normally be valued on the basis of valuations furnished by a pricing service. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by an independent quotation service. The daily valuation of exchange-traded foreign securities generally is determined as of the close of trading on the principal exchange on which such securities trade. Events occurring after the close of trading on foreign exchanges may result in adjustments to the valuation of foreign securities to more accurately reflect their fair value as of the close of regular trading on the New York Stock Exchange. When valuing foreign equity securities that meet certain criteria, the Trustees have approved the use of a fair value service that values such securities to reflect market trading that occurs after the close of the applicable foreign markets of comparable securities or other instruments that have a strong correlation to the fair-valued securities. Investments for which valuations or market quotations are not readily available are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Fund considering relevant factors, data and information including the market value of freely tradable securities of the same class in the principal market on which such securities are normally traded.

The Fund may invest in Cash Management Portfolio (Cash Management), an affiliated investment company managed by Boston Management and Research (BMR), a subsidiary of Eaton Vance Management (EVM). Cash Management values its investment securities utilizing the amortized cost valuation technique permitted by Rule 2a-7 of the 1940 Act. This technique involves initially valuing a portfolio security at its cost and thereafter assuming a constant amortization to maturity of any discount or premium.

B Investment Transactions Investment transactions for financial statement purposes are accounted for on a trade date basis. Realized gains and losses on investments sold are determined on the basis of identified cost.

C Income Dividend income is recorded on the ex-dividend date for dividends received in cash and/or securities. However, if the ex-dividend date has passed, certain dividends from foreign securities are recorded as the Fund is informed of the ex-dividend date. Withholding taxes on foreign dividends and capital gains have been provided for in accordance with the Fund's understanding of the applicable countries' tax rules and rates. Interest income is recorded on the basis of interest accrued, adjusted for amortization of premium or accretion of discount.

D Federal Taxes The Fund's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year substantially all of its net investment income, and all or substantially all of its net realized capital gains. Accordingly, no provision for federal income or excise tax is necessary.

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

NOTES TO FINANCIAL STATEMENTS CONT'D

At December 31, 2007, the Fund had net capital losses of \$304,962 attributable to security transactions incurred after October 31, 2007. These net capital losses are treated as arising on the first day of the Fund's taxable year ending December 31, 2008.

In June 2006, the Financial Accounting Standards Board (FASB) issued FASB Interpretation No. 48 (FIN 48), "Accounting for Uncertainty in Income Taxes" an interpretation of FASB Statement No. 109". FIN 48 clarifies the accounting for uncertainty in income taxes recognized in accordance with FASB Statement No. 109, "Accounting for Income Taxes". This interpretation prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. It also provides guidance on de-recognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN 48 is effective on the last business day of the first required financial reporting period for fiscal years beginning after December 15, 2006. Management has concluded that as of December 31, 2007, there are no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. Each of the Fund's federal tax returns filed in the 3-year period ended December 31, 2007 remains subject to examination by the Internal Revenue Service.

E Expense Reduction State Street Bank and Trust Company (SSBT) serves as custodian of the Fund. Pursuant to the custodian agreement, SSBT receives a fee reduced by credits, which are determined based on the average daily cash balance the Fund maintains with SSBT. All credit balances, if any, used to reduce the Fund's custodian fees are reported as a reduction of expenses in the Statement of Operations.

F Foreign Currency Translation Investment valuations, other assets, and liabilities initially expressed in foreign currencies are translated each business day into U.S. dollars based upon current exchange rates. Purchases and sales of foreign investment securities and income and expenses denominated in foreign currencies are translated into U.S. dollars based upon currency exchange rates in effect on the respective dates of such transactions. Recognized gains or losses on investment transactions attributable to changes in foreign currency exchange rates are recorded for financial statement purposes as net realized gains and losses on investments. That portion of unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed.

G Use of Estimates The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

H Indemnifications Under the Fund's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Fund, and shareholders are indemnified against personal liability for obligations of the Fund. Additionally, in the normal course of business, the Fund enters into agreements with service providers that may contain indemnification clauses. 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.

I Written Options Upon the writing of a call or a put option, the premium received by the Fund is included in the Statement of Assets and Liabilities as a liability. The amount of the liability is subsequently marked-to-market to reflect the current market value of the option written, in accordance with the Fund's policies on investment valuations discussed above. Premiums received from writing options which expire are treated as realized gains. Premiums received from writing options which are exercised or are closed are added to or offset against the proceeds or amount paid on the transaction to determine the realized gain or loss. If a put option on a security is exercised, the premium reduces the cost basis of the securities purchased by the Fund. The Fund, as a writer of an option, may have no control over whether the underlying securities or other assets may be sold (call) or purchased (put) and, as a result, bears the market risk of an unfavorable change in the price of the securities or other assets underlying the written option. The Fund may also bear the risk of not being able to enter into a closing transaction if a liquid secondary market does not exist.

2 Distributions to Shareholders

The Fund intends to make monthly distributions from its cash available for distribution, which consists of the Fund's dividends and interest income after payment of Fund expenses, net option premiums and net realized and unrealized 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.

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

NOTES TO FINANCIAL STATEMENTS CONT'D

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 declared for the years ended December 31, 2007 and December 31, 2006 was as follows:

	Year Ended December 31,	
	2007	2006
Distributions declared from:		
Ordinary income	\$ 66,207,390	\$ 74,234,706
Long-term capital gains	\$ 9,951,284	\$ 4,090,270
Tax return of capital	\$ 6,326,244	\$ 3,691,366

During the year ended December 31, 2007, distributions in excess of net realized gain was decreased by \$549,108 and accumulated undistributed net investment income was decreased by \$549,108 due to differences between book and tax accounting, primarily for return of capital distributions from securities and foreign currency gain (loss). These reclassifications had no effect on the net assets or net asset value per share of the Fund.

As of December 31, 2007, the components of distributable earnings (accumulated losses) and unrealized appreciation (depreciation) on a tax basis were as follows:

Post October losses	\$ (304,962)
Net unrealized appreciation	\$ 30,165,120

The differences between components of distributable earnings (accumulated losses) on a tax basis and the amounts reflected in the Statement of Assets and Liabilities are primarily due to wash sales, investments in partnerships and options straddles.

3 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by EVM as compensation for management and investment advisory services rendered to the Fund. The fee is computed at an annual rate of 1.00% of the Fund's average daily gross assets and is payable monthly. Gross assets as referred to herein represent net assets plus obligations attributable to investment leverage, if any. The portion of the advisory fee payable by Cash Management on the Fund's investment of cash therein is credited against the Fund's advisory fee. For the year ended December 31, 2007, the Fund's advisory fee totaled \$9,536,023 of which \$209,093 was allocated from Cash Management and \$9,326,930 was paid or accrued directly by the Fund. Pursuant to a sub-advisory agreement, EVM has delegated the investment management of the Fund's options strategy to Rampart Investment Management Company (Rampart). EVM pays Rampart a portion of the advisory fee for sub-advisory services provided to the Fund. EVM also serves as administrator of the Fund, but receives no compensation.

During the year ended December 31, 2007, the Fund realized a loss of \$6,890 due to the closing of a written option position not meeting investment guidelines, and was reimbursed for such loss by Rampart.

Except for Trustees who are not members of EVM's organization, officers and Trustees receive remuneration for their services to the Fund out of the investment adviser fee. Trustees of the Fund who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the year ended December 31, 2007, no significant amounts have been deferred. Certain officers and Trustees of the Fund are officers of EVM.

4 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations, aggregated \$1,401,514,099 and \$1,431,238,922, respectively, for the year ended December 31, 2007.

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5 Common Shares of Beneficial Interest

Common shares issued pursuant to the Fund's dividend reinvestment plan for the years ended December 31, 2007 and December 31, 2006 were 145,227 and 223,777, respectively.

6 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2007, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 937,845,442
Gross unrealized appreciation	\$ 69,755,779
Gross unrealized depreciation	(39,498,259)
Net unrealized appreciation	\$ 30,257,520

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

NOTES TO FINANCIAL STATEMENTS CONT'D

7 Financial Instruments

The Fund may trade in financial instruments with off-balance sheet risk in the normal course of its investing activities to assist in managing exposure to various market risks. These financial instruments may include written options, forward foreign currency exchange contracts and financial futures contracts and may involve, to a varying degree, elements of risk in excess of the amounts recognized for financial statement purposes. The notional or contractual amounts of these instruments represent the investment the Fund has in particular classes of financial instruments and does not necessarily represent the amounts potentially subject to risk. The measurement of the risks associated with these instruments is meaningful only when all related and offsetting transactions are considered. A summary of written call options at December 31, 2007 is included in the Portfolio of Investments.

Written call options activity for the year ended December 31, 2007 was as follows:

	Number of Contracts	Premiums Received
Outstanding, beginning of year	141,814	\$ 24,810,118
Options written	583,479	109,458,736
Options terminated in closing purchase transactions	(570,142)	(98,983,517)
Options expired	(41,389)	(8,537,474)
Outstanding, end of year	113,762	\$ 26,747,863

At December 31, 2007, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

8 Recently Issued Accounting Pronouncement

In September 2006, the FASB issued Statement of Financial Accounting Standards No. 157 (FAS 157), "Fair Value Measurements". FAS 157 defines fair value, establishes a framework for measuring fair value in accordance with generally accepted accounting principles and expands disclosure about fair value measurements. FAS 157 is effective for fiscal years beginning after November 15, 2007. As of December 31, 2007, management does not believe the adoption of FAS 157 will impact the amounts reported in the financial statements; however, additional disclosures may be required about the inputs used to develop the measurements of fair value and the effect of certain of the measurements on changes in net assets for the period.

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Trustees and Shareholders
of Eaton Vance Enhanced Equity Income Fund II:

We have audited the accompanying statement of assets and liabilities of Eaton Vance Enhanced Equity Income Fund II (the "Fund"), including the portfolio of investments, as of December 31, 2007, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the two years in the period then ended and the period from the start of business, January 31, 2005, to December 31, 2005. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. The Fund is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of December 31, 2007, by correspondence with the custodian and brokers; where replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the two years in the period then ended and the period from the start of business, January 31, 2005, to December 31, 2005, in conformity with accounting principles generally accepted in the United States of America.

DELOITTE & TOUCHE LLP
Boston, Massachusetts
February 15, 2008

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

OTHER MATTERS (Unaudited)

Annual Meeting of Shareholders of Eaton Vance Enhanced Equity Income II Fund

The Fund held its Annual Meeting of Shareholders on October 12, 2007. The following action was taken by the shareholders:

Item 1: The election of Thomas E. Faust Jr. and Allen R. Freedman as Class I Trustees of the Fund for a one-year term expiring in 2008, the election of Heidi L. Steiger as a Class II Trustee of the Fund for a two-year term expiring in 2009 and the election of Norton H. Reamer, Lynn A. Stout and Ralph F. Verni as Class III Trustees of the Fund for a three-year term expiring in 2010:

Nominee for Trustee	Number of Shares	
	For	Withheld
Elected by All Shareholders		
Thomas E. Faust Jr.	42,131,744	511,484
Allen R. Freedman	42,115,049	528,179
Norton H. Reamer	42,112,640	530,588
Heidi L. Steiger	42,124,834	518,394
Lynn A. Stout	42,119,771	523,457
Ralph F. Verni	42,125,939	517,289

Eaton Vance Enhanced Equity Income Fund II as of December 31, 2007

FEDERAL TAX INFORMATION (Unaudited)

The Form 1099-DIV you received in January 2008 showed the tax status of all distributions paid to your account in calendar 2007. Shareholders are advised to consult their own tax adviser with respect to the tax consequences of their investment in the Fund. As required by the Internal Revenue Code regulations, shareholders must be notified within 60 days of the Fund's fiscal year end regarding the status of qualified dividend income for individuals, the dividends received deduction for corporations, and capital gains dividends.

Qualified Dividend Income. The Fund designates \$8,640,557, or up to the maximum amount of such dividends allowable pursuant to the Internal Revenue Code, as qualified dividend income eligible for the reduced tax rate of 15%.

Dividends Received Deduction. Corporate shareholders are generally entitled to take the dividends received deduction on the portion of the Fund's dividend distribution that qualifies under tax law. For the Fund's fiscal 2007 ordinary income dividends, 11.17% qualifies for the corporate dividends received deduction.

Capital Gains Dividends. The Fund designates \$9,951,284 as a capital gain dividend.

Eaton Vance Enhanced Equity Income Fund II

DIVIDEND REINVESTMENT PLAN

The Fund offers a dividend reinvestment plan (the Plan) pursuant to which shareholders may elect to have dividends and capital gains distributions reinvested in common shares (the Shares) of the Fund. You may elect to participate in the Plan by completing the Dividend Reinvestment Plan Application Form. If you do not participate, you will receive all distributions in cash paid by check mailed directly to you by PFPC Inc. as dividend paying agent. On the distribution payment date, if the net asset value per Share is equal to or less than the market price per Share plus estimated brokerage commissions then new Shares will be issued. The number of Shares shall be determined by the greater of the net asset value per Share or 95% of the market price. Otherwise, Shares generally will be purchased on the open market by the Plan Agent. Distributions subject to income tax (if any) are taxable whether or not shares are reinvested.

If your shares are in the name of a brokerage firm, bank, or other nominee, you may request that the firm or nominee participate in the Plan on your behalf. If the nominee does not offer the Plan, you will need to request that your shares be re-registered in your name with the Fund's transfer agent, PFPC Inc., or you will not be able to participate.

The Plan Agent's service fee for handling distributions will be paid by the Fund. Each participant will be charged a pro rata share of brokerage commissions on all open-market purchases.

Plan participants may withdraw from the Plan at any time by writing to the Plan Agent at the address noted on the following page. If you withdraw, you will receive shares in your name for all Shares credited to your account under the Plan. If a participant elects by written notice to the Plan Agent to have the Plan Agent sell part or all of his or her Shares and remit the proceeds, the Plan Agent is authorized to deduct a \$5.00 fee plus brokerage commissions from the proceeds.

If you wish to participate in the Plan and your shares are held in your own name, you may complete the form on the following page and deliver it to the Plan Agent.

Any inquiries regarding the Plan can be directed to the Plan Agent, PFPC Inc., at 1-866-439-6787.

Eaton Vance Enhanced Equity Income Fund II

APPLICATION FOR PARTICIPATION IN DIVIDEND REINVESTMENT PLAN

This form is for shareholders who hold their common shares in their own names. If your common shares are held in the name of a brokerage firm, bank, or other nominee, you should contact your nominee to see if it will participate in the Plan on your behalf. If you wish to participate in the Plan, but your brokerage firm, bank, or nominee is unable to participate on your behalf, you should request that your common shares be re-registered in your own name which will enable your participation in the Plan.

The following authorization and appointment is given with the understanding that I may terminate it at any time by terminating my participation in the Plan as provided in the terms and conditions of the Plan.

Please print exact name on account:

Shareholder signature Date

Shareholder signature Date

Please sign exactly as your common shares are registered. All persons whose names appear on the share certificate must sign.

YOU SHOULD NOT RETURN THIS FORM IF YOU WISH TO RECEIVE YOUR DIVIDENDS AND DISTRIBUTIONS IN CASH. THIS IS NOT A PROXY.

This authorization form, when signed, should be mailed to the following address:

Eaton Vance Enhanced Equity Income Fund II
c/o PFPC Inc.
P.O. Box 43027
Providence, RI 02940-3027
1-866-439-6787

Number of Employees

The Fund is organized as a Massachusetts business trust and is registered under the Investment Company Act of 1940, as amended, as a diversified, closed-end management investment company and has no employees.

Number of Shareholders

As of December 31, 2007, our records indicate that there are 49 registered shareholders and 49,481 shareholders owning the Fund shares in street name, such as through brokers, banks, and financial intermediaries.

If you are a street name shareholder and wish to receive our reports directly, which contain important information about the Fund, please write or call:

Eaton Vance Distributors, Inc.
The Eaton Vance Building
255 State Street
Boston, MA 02109
1-800-225-6265

New York Exchange symbol

The New York Exchange symbol is EOS.

Eaton Vance Enhanced Equity Income Fund II

BOARD OF TRUSTEES' ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT

Overview of the Contract Review Process

The Investment Company Act of 1940, as amended (the "1940 Act"), provides, in substance, that each investment advisory agreement between a fund and its investment adviser will continue in effect from year to year only if its continuance is approved at least annually by the fund's board of trustees, including by a vote of a majority of the trustees who are not "interested persons" of the fund ("Independent Trustees"), cast in person at a meeting called for the purpose of considering such approval.

At a meeting of the Boards of Trustees (each a "Board") of the Eaton Vance group of mutual funds (the "Eaton Vance Funds") held on April 23, 2007, the Board, including a majority of the Independent Trustees, voted to approve continuation of existing advisory and sub-advisory agreements for the Eaton Vance Funds for an additional one-year period. In voting its approval, the Board relied upon the affirmative recommendation of the Special Committee of the Board, which is a committee comprised exclusively of Independent Trustees. Prior to making its recommendation, the Special Committee reviewed information furnished for a series of meetings of the Special Committee held in February, March and April 2007. Such information included, among other things, the following:

Information about Fees, Performance and Expenses

An independent report comparing the advisory and related fees paid by each fund with fees paid by comparable funds;

An independent report comparing each fund's total expense ratio and its components to comparable funds;

An independent report comparing the investment performance of each fund to the investment performance of comparable funds over various time periods;

Data regarding investment performance in comparison to relevant peer groups of funds and appropriate indices;

Comparative information concerning fees charged by each adviser for managing other mutual funds and institutional accounts using investment strategies and techniques similar to those used in managing the fund;

Profitability analyses for each adviser with respect to each fund;

Information about Portfolio Management

Descriptions of the investment management services provided to each fund, including the investment strategies and processes employed;

Information concerning the allocation of brokerage and the benefits received by each adviser as a result of brokerage allocation, including information concerning the acquisition of research through "soft dollar" benefits received in connection with the funds' brokerage, and the implementation of a soft dollar reimbursement program established with respect to the funds;

Data relating to portfolio turnover rates of each fund;

The procedures and processes used to determine the fair value of fund assets and actions taken to monitor and test the effectiveness of such procedures and processes;

Information about each Adviser

Reports detailing the financial results and condition of each adviser;

Descriptions of the qualifications, education and experience of the individual investment professionals whose responsibilities include portfolio management and investment research for the funds, and information relating to their compensation and responsibilities with respect to managing other mutual funds and investment accounts;

Copies of the Codes of Ethics of each adviser and its affiliates, together with information relating to compliance with and the administration of such codes;

Copies of or descriptions of each adviser's proxy voting policies and procedures;

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Information concerning the resources devoted to compliance efforts undertaken by each adviser and its affiliates on behalf of the funds (including descriptions of various compliance programs) and their record of compliance with investment policies and restrictions, including policies with respect to market-timing, late trading and selective portfolio disclosure, and with policies on personal securities transactions;

Descriptions of the business continuity and disaster recovery plans of each adviser and its affiliates;

Other Relevant Information

Information concerning the nature, cost and character of the administrative and other non-investment management services provided by Eaton Vance Management and its affiliates;

Information concerning management of the relationship with the custodian, subcustodians and fund accountants by each adviser or the funds' administrator; and

The terms of each advisory agreement.

In addition to the information identified above, the Special Committee considered information provided from time to time by each adviser throughout the year at meetings of the Board and its committees. Over the course of the twelve-month period ended

Eaton Vance Enhanced Equity Income Fund II

BOARD OF TRUSTEES' ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT CONT'D

April 30, 2007, the Board met eleven times and the Special Committee, the Audit Committee and the Governance Committee, each of which is a Committee comprised solely of Independent Trustees, met thirteen, fourteen and nine times, respectively. At such meetings, the Trustees received, among other things, presentations by the portfolio managers and other investment professionals of each adviser relating to the investment performance of each fund and the investment strategies used in pursuing the fund's investment objective.

For funds that invest through one or more underlying portfolios, the Board considered similar information about the portfolio(s) when considering the approval of advisory agreements. In addition, in cases where the fund's investment adviser has engaged a sub-adviser, the Board considered similar information about the sub-adviser when considering the approval of any sub-advisory agreement.

The Special Committee was assisted throughout the contract review process by Goodwin Procter LLP, legal counsel for the Independent Trustees. The members of the Special Committee relied upon the advice of such counsel and their own business judgment in determining the material factors to be considered in evaluating each advisory and sub-advisory agreement and the weight to be given to each such factor. The conclusions reached with respect to each advisory and sub-advisory agreement were based on a comprehensive evaluation of all the information provided and not any single factor. Moreover, each member of the Special Committee may have placed varying emphasis on particular factors in reaching conclusions with respect to each advisory and sub-advisory agreement.

Results of the Process

Based on its consideration of the foregoing, and such other information as it deemed relevant, including the factors and conclusions described below, the Special Committee concluded that the continuance of the investment advisory agreement between the Eaton Vance Enhanced Equity Income Fund II (the "Fund"), and Eaton Vance Management (the "Adviser") and the sub-advisory agreement with Rampart Investment Management Company, Inc. (the "Sub-adviser"), including their fee structures, is in the interests of shareholders and, therefore, the Special Committee recommended to the Board approval of each agreement. The Board accepted the recommendation of the Special Committee as well as the factors considered and conclusions reached by the Special Committee with respect to each agreement. Accordingly, the Board, including a majority of the Independent Trustees, voted to approve continuation of the advisory and sub-advisory agreements for the Fund.

Nature, Extent and Quality of Services

In considering whether to approve the investment advisory and sub-advisory agreements of the Fund, the Board evaluated the nature, extent and quality of services provided to the Fund by the Adviser and the Sub-adviser.

The Board considered the Adviser's and the Sub-adviser's management capabilities and investment process with respect to the types of investments held by the Fund, including the education, experience and number of its investment professionals and other personnel who provide portfolio management, investment research, and similar services to the Fund. In particular, the Board evaluated, where relevant, the abilities and experience of such investment personnel in analyzing factors such as credit risk, tax efficiency, and special considerations relevant to investing in particular foreign markets or industries. The Board considered the Adviser's in-house research capabilities as well as other resources available to personnel of the Adviser. The Board also took into account the resources dedicated to portfolio management and other services, including the compensation paid to recruit and retain investment personnel, and the time and attention devoted to the Fund by senior management. With respect to the Sub-adviser, the Board considered the Sub-adviser's business reputation and its options strategy and its past experience in implementing this strategy.

The Board reviewed the compliance programs of the Adviser and Sub-adviser and relevant affiliates thereof. Among other matters, the Board considered compliance and reporting matters relating to personal trading by investment personnel, selective disclosure of portfolio holdings, late trading, frequent trading, portfolio valuation, business continuity and the allocation of investment opportunities. The Board also evaluated the responses of the Adviser, Sub-adviser and their respective affiliates to requests from regulatory authorities such as the Securities and Exchange Commission and the National Association of Securities Dealers.

The Board considered shareholder and other administrative services provided or managed by Eaton Vance Management and its affiliates, including transfer agency and accounting services. The Board evaluated the benefits to shareholders of investing in a fund that is a part of a large family of funds.

After consideration of the foregoing factors, among others, the Board concluded that the nature, extent and quality of services provided by the Adviser, taken as a whole, are appropriate and consistent with the terms of the investment advisory agreement and sub-advisory agreement, respectively.

Eaton Vance Enhanced Equity Income Fund II

BOARD OF TRUSTEES' ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT CONT'D

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of similarly managed funds identified by an independent data provider and appropriate benchmark indices. The Board reviewed comparative performance data for the one-year period ended September 30, 2006 for the Fund. On the basis of the foregoing and other relevant information, the Board concluded that the performance of the Fund is satisfactory.

Management Fees and Expenses

The Board reviewed contractual investment advisory fee rates, including any administrative fee rates, payable by the Fund (referred to as "management fees"). As part of its review, the Board considered the management fees and the Fund's total expense ratio for the year ended September 30, 2006, as compared to a group of similarly managed funds selected by an independent data provider.

After reviewing the foregoing information, and in light of the nature, extent and quality of the services provided by the Adviser, the Board concluded that the management fees charged for advisory and related services and the Fund's total expense ratio are reasonable.

Profitability

The Board reviewed the level of profits realized by the Adviser and relevant affiliates thereof in providing investment advisory and administrative services to the Fund and to all Eaton Vance Funds as a group. The Board considered the level of profits realized without regard to revenue sharing or other payments by the Adviser and its affiliates to third parties in respect of distribution services. The Board also considered other direct or indirect benefits received by the Adviser and its affiliates in connection with its relationship with the Fund, including the benefits of research services that may be available to the Adviser as a result of securities transactions effected for the Fund and other investment advisory clients. The Board also concluded that, in light of its role as a sub-adviser not affiliated with the Adviser, the Sub-adviser's profitability in managing the Fund was not a material factor.

The Board concluded that, in light of the foregoing factors and the nature, extent and quality of the services rendered, the profits realized by the Adviser and its affiliates are reasonable.

Economies of Scale

In reviewing management fees and profitability, the Board also considered the extent to which the Adviser and its affiliates, on the one hand, and the Fund, on the other hand, can expect to realize benefits from economies of scale as the assets of the Fund increase. The Board acknowledged the difficulty in accurately measuring the benefits resulting from the economies of scale with respect to the management of any specific fund or group of funds. The Board also considered the fact that the Fund is not continuously offered and concluded that, in light of the level of the Adviser's profits with respect to the Fund, the implementation of breakpoints in the advisory fee schedule is not appropriate. Based upon the foregoing, the Board concluded that the benefits from economies of scale are currently being shared equitably by the Adviser and its affiliates and the Fund.

Eaton Vance Enhanced Equity Income Fund II

MANAGEMENT AND ORGANIZATION

Fund Management. The Trustees of Eaton Vance Enhanced Equity Income Fund II (the Fund) are responsible for the overall management and supervision of the Fund's affairs. The Trustees and officers of the Fund are listed below. Except as indicated, each individual has held the office shown or other offices in the same company for the last five years. Officers of the Fund hold indefinite terms of office and Trustees' term of office is noted below. The "noninterested Trustees" consist of those Trustees who are not "interested persons" of the Fund, as that term is defined under the 1940 Act. The business address of each Trustee and officer is The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109. As used below, "EVC" refers to Eaton Vance Corp., "EV" refers to Eaton Vance, Inc., "EVM" refers to Eaton Vance Management, "BMR" refers to Boston Management and Research and "EVD" refers to Eaton Vance Distributors, Inc. EVC and EV are the corporate parent and trustee, respectively, of EVM and BMR. EVD is a wholly-owned subsidiary of EVM. Each officer affiliated with Eaton Vance may hold a position with other Eaton Vance affiliates that is comparable to his or her position with EVM listed below.

Name and Date of Birth	Position with the Fund	Term of Office and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen By Trustee ⁽¹⁾	Other Directorships Held
Interested Trustee					
Thomas E. Faust Jr. 5/31/58	Class I Trustee and Vice President	Until 2008. 1 year. Trustee since 2007 and Vice President since 2004.	Chairman, Chief Executive Officer and President of EVC, President of EV, Chief Executive Officer and President of EVM and BMR, and Director of EVD. Trustee and/or Officer of 177 registered investment companies and 5 private investment companies managed by EVM or BMR. Mr. Faust is an interested person because of his positions with EVM, BMR, EVD, EVC and EV which are affiliates of the Fund.	175	Director of EVC
Noninterested Trustee(s)					
Benjamin C. Esty 1/2/63	Class I Trustee	Until 2008. 3 years. Trustee since 2005.	Roy and Elizabeth Simmons Professor of Business Administration, Harvard University Graduate School of Business Administration (since 2003). Formerly, Associate Professor, Harvard University Graduate School of Business Administration (2000-2003).	177	None
Allen R. Freedman 4/3/40	Class I Trustee	Until 2008. 1 year. Trustee since 2007.	Former Chairman and Chief Executive Officer of Assurant, Inc. (insurance provider) (1978-2000). Formerly, a Director of Loring Ward International (fund distributor) (2005-2007).	177	Director of Assurant, Inc. and Stonemor Partners L.P. (owner and operator of cemeteries)
William H. Park 9/19/47	Class II Trustee	Until 2009. 3 years. Trustee since 2004.	Vice Chairman, Commercial Industrial Finance Corp. (specialty finance company) (since 2006). Formerly, President and Chief Executive Officer, Prizm Capital Management, LLC (investment management firm) (2002-2005).	177	None
Ronald A. Pearlman 7/10/40	Class II Trustee	Until 2009. 3 years. Trustee since 2004.	Professor of Law, Georgetown University Law Center.	177	None
Norton H. Reamer 9/21/35	Class III Trustee	Until 2010. 3 years. Trustee since 2004.	President, Chief Executive Officer and a Director of Asset Management Finance Corp. (a specialty finance company serving the investment management industry) (since October 2003). President, Unicorn Corporation (an investment and financial advisory services company) (since September 2000). Formerly, Chairman and Chief Operating Officer, Hellman, Jordan Management Co., Inc. (an investment management company) (2000-2003). Formerly, Advisory Director of Berkshire Capital Corporation (investment banking firm) (2002-2003).	177	None

Eaton Vance Enhanced Equity Income Fund II

MANAGEMENT AND ORGANIZATION CONT'D

Name and Date of Birth	Position with the Fund	Term of Office and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen By Trustee ⁽¹⁾	Other Directorships Held
Heidi L. Steiger 7/8/53	Class II Trustee	Until 2009. 2 years. Trustee since 2007.	President, Lowenhaupt Global Advisors, LLC (global wealth management firm) (since 2005); Formerly, President and Contributing Editor, Worth Magazine (2004); Formerly, Executive Vice President and Global Head of Private Asset Management (and various other positions), Neuberger Berman (investment firm) (1986-2004).	175	Director of Nuclear Electric Insurance Ltd. (nuclear insurance provider) and Aviva USA (insurance provider)
Lynn A. Stout 9/14/57	Class III Trustee	Until 2010. 3 years. Trustee since 2004.	Paul Hastings Professor of Corporate and Securities Law, University of California at Los Angeles School of Law.	177	None
Ralph F. Verni 1/26/43	Chairman of the Board and Class III Trustee	Until 2010. 3 years. Chairman of the Board since 2007 and Trustee since 2005.	Consultant and private investor.	177	None

Principal Officers who are not Trustees

Name and Date of Birth	Position with the Fund	Term of Office and Length of Service	Principal Occupation(s) During Past Five Years
Duncan W. Richardson 10/26/57	President	Since 2004	Executive Vice President and Chief Equity Investment Officer of EVC, EVM and BMR. Officer of 81 registered investment companies managed by EVM or BMR.
Lewis R. Piantedosi 8/10/65	Vice President	Since 2004	Vice President of EVM and BMR. Officer of 4 registered investment companies managed by EVM or BMR.
Walter A. Row, III 7/20/57	Vice President	Since 2004	Director of Equity Research and Vice President of EVM and BMR. Officer of 25 registered investment companies managed by EVM or BMR.
Barbara E. Campbell 6/19/57	Treasurer	Since 2005	Vice President of EVM and BMR. Officer of 177 registered investment companies managed by EVM or BMR.
Maureen A. Gemma 5/24/60	Secretary	Since 2007	Deputy Chief Legal Officer and Vice President of EVM and BMR. Officer of 177 registered investment companies managed by EVM or BMR.
Paul M. O'Neil 7/1/53	Chief Compliance Officer	Since 2004	Vice President of EVM and BMR. Officer of 177 registered investment companies managed by EVM or BMR.

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John A. Pelletier 6/24/64	Chief Legal Officer	Since 2007	Vice President and Chief Legal Officer of EVM, BMR, EVD, EVC and EV. Previously, Chief Operating Officer and Executive Vice President (2004-2007) and General Counsel (1997-2004) of Natixis Global Associates. Officer of 177 registered investment companies managed by EVM or BMR.
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⁽¹⁾ Includes both master and feeder funds in a master-feeder structure.

In accordance with Section 303A.12 (a) of the New York Stock Exchange Listed Company Manual, the Fund's Annual CEO Certification certifying as to compliance with NYSE's Corporate Governance Listing Standards was submitted to the Exchange on November 6, 2007. The Fund has also filed its CEO and CFO certifications required by Section 302 of the Sarbanes-Oxley Act with the SEC as an exhibit to its most recent Form N-CSR.

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**Investment Adviser of Eaton Vance Enhanced Equity Income Fund II
Eaton Vance Management**

The Eaton Vance Building
255 State Street
Boston, MA 02109

**Sub-Adviser of Eaton Vance Enhanced Equity Income Fund II
Rampart Investment Management Company, Inc.**

One International Place
Boston, MA 02110

**Administrator of Eaton Vance Enhanced Equity Income Fund II
Eaton Vance Management**

The Eaton Vance Building
255 State Street
Boston, MA 02109

**Custodian
State Street Bank and Trust Company**

200 Clarendon Street
Boston, MA 02116

**Transfer Agent
PFPC Inc.**

P.O. Box 43027
Providence, RI 02940-3027
(866) 439-6787
Overnight Mail:
PFPC Inc.
Attn: Eaton Vance Funds
250 Royall Street
Canton, MA 02021

**Independent Registered Public Accounting Firm
Deloitte & Touche LLP**

200 Berkeley Street
Boston, MA 02116-5022

**Eaton Vance Enhanced Equity Income Fund II
The Eaton Vance Building
255 State Street
Boston, MA 02109**

2426-2/08 CE-EEIF2SRC

Item 2. Code of Ethics

The registrant has adopted a code of ethics applicable to its Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer. The registrant undertakes to provide a copy of such code of ethics to any person upon request, without charge, by calling 1-800-262-1122.

Item 3. Audit Committee Financial Expert

The registrant's Board has designated William H. Park and Norton H. Reamer, each an independent trustee, as its audit committee financial experts. Mr. Park is a certified public accountant who is the Vice Chairman of Commercial Industrial Finance Corp (specialty finance company). Previously, he served as President and Chief Executive Officer of Prizm Capital Management, LLC (investment management firm) and as Executive Vice President and Chief Financial Officer of United Asset Management Corporation (UAM) (a holding company owning institutional investment management firms). Mr. Reamer is the President, Chief Executive Officer and a Director of Asset Management Finance Corp. (a specialty finance company serving the investment management industry) and is President of Unicorn Corporation (an investment and financial advisory services company). Formerly, Mr. Reamer was Chairman and Chief Operating Officer of Hellman, Jordan Management Co., Inc. (an investment management company) and Advisory Director of Berkshire Capital Corporation (an investment banking firm), Chairman of the Board of UAM and Chairman, President and Director of the UAM Funds (mutual funds).

Item 4. Principal Accountant Fees and Services

(a) (d)

The following table presents the aggregate fees billed to the registrant for the registrant's fiscal years ended December 31, 2006 and December 31, 2007 by the Fund's principal accountant for professional services rendered for the audit of the registrant's annual financial statements and fees billed for other services rendered by the principal accountant during such period.

Fiscal Years Ended	12/31/06	12/31/07
Audit Fees	\$ 39,670	\$ 46,670
Audit-Related Fees(1)	0	0
Tax Fees(2)	16,350	16,922
All Other Fees(3)	0	0
Total	\$ 56,020	\$ 63,592

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- (1) Audit-related fees consist of the aggregate fees billed for assurance and related services that are reasonably related to the performance of the audit of financial statements and are not reported under the category of audit fees.
 - (2) Tax fees consist of the aggregate fees billed for professional services rendered by the principal accountant relating to tax compliance, tax advice, and tax planning and specifically include fees for tax return preparation.
 - (3) All other fees consist of the aggregate fees billed for products and services provided by the principal accountant other than audit, audit-related, and tax services.
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(e)(1) The registrant's audit committee has adopted policies and procedures relating to the pre-approval of services provided by the registrant's principal accountant (the Pre-Approval Policies). The Pre-Approval Policies establish a framework intended to assist the audit committee in the proper discharge of its pre-approval responsibilities. As a general matter, the Pre-Approval Policies (i) specify certain types of audit, audit-related, tax, and other services determined to be pre-approved by the audit committee; and (ii) delineate specific procedures governing the mechanics of the pre-approval process, including the approval and monitoring of audit and non-audit service fees. Unless a service is specifically pre-approved under the Pre-Approval Policies, it must be separately pre-approved by the audit committee.

The Pre-Approval Policies and the types of audit and non-audit services pre-approved therein must be reviewed and ratified by the registrant's audit committee at least annually. The registrant's audit committee maintains full responsibility for the appointment, compensation, and oversight of the work of the registrant's principal accountant.

(e)(2) No services described in paragraphs (b)-(d) above were approved by the registrant's audit committee pursuant to the de minimis exception set forth in Rule 2-01(c)(7)(i)(C) of Regulation S-X.

(f) Not applicable.

(g) The following table presents (i) the aggregate non-audit fees (i.e., fees for audit-related, tax, and other services) billed to the registrant by the registrant's principal accountant for the registrant's fiscal year ended December 31, 2006 and the fiscal year ended December 31, 2007; and (ii) the aggregate non-audit fees (i.e., fees for audit-related, tax, and other services) billed for services rendered to the Eaton Vance organization for the registrant's principal accountant for the same time periods, respectively.

Fiscal Years Ended	12/31/06	12/31/07
Registrant	\$ 16,350	\$ 16,922
Eaton Vance(1)	\$ 74,600	\$ 281,446

(1) The Investment adviser to the registrant, as well as any of its affiliates that provide ongoing services to the registrant, are subsidiaries of Eaton Vance Corp.

(h) The registrant's audit committee has considered whether the provision by the registrant's principal accountant of non-audit services to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the adviser that provides ongoing services to the registrant that were not pre-approved pursuant to Rule 2-01(c)(7)(ii) of Regulation S-X is compatible with maintaining the principal accountant's independence.

Item 5. Audit Committee of Listed registrants

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The registrant has a separately-designated standing audit committee established in accordance with Section 3(a)(58)(A) of the Securities and Exchange Act of 1934, as amended. Norton H. Reamer (Chair),

William H. Park, Lynn A. Stout, Heidi L. Steiger and Ralph E. Verni are the members of the registrant's audit committee.

Item 6. Schedule of Investments

Please see schedule of investments contained in the Report to Stockholders included under Item 1 of this Form N-CSR.

Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies

The Board of Trustees of the Trust has adopted a proxy voting policy and procedure (the Fund Policy), pursuant to which the Trustees have delegated proxy voting responsibility to the Fund's investment adviser and adopted the investment adviser's proxy voting policies and procedures (the Policies) which are described below. The Trustees will review the Fund's proxy voting records from time to time and will annually consider approving the Policies for the upcoming year. In the event that a conflict of interest arises between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund, the investment adviser will generally refrain from voting the proxies related to the companies giving rise to such conflict until it consults with the Board's Special Committee except as contemplated under the Fund Policy. The Board's Special Committee will instruct the investment adviser on the appropriate course of action.

The Policies are designed to promote accountability of a company's management to its shareholders and to align the interests of management with those shareholders. An independent proxy voting service (Agent), currently Institutional Shareholder Services, Inc., has been retained to assist in the voting of proxies through the provision of vote analysis, implementation and recordkeeping and disclosure services. The investment adviser will generally vote proxies through the Agent. The Agent is required to vote all proxies and/or refer them back to the investment adviser pursuant to the Policies. It is generally the policy of the investment adviser to vote in accordance with the recommendation of the Agent. The Agent shall refer to the investment adviser proxies relating to mergers and restructurings, and the disposition of assets, termination, liquidation and mergers contained in mutual fund proxies. The investment adviser will normally vote against anti-takeover measures and other proposals designed to limit the ability of shareholders to act on possible transactions, except in the case of closed-end management investment companies. The investment adviser generally supports management on social and environmental proposals. The investment adviser may abstain from voting from time to time where it determines that the costs associated with voting a proxy outweighs the benefits derived from exercising the right to vote or the economic effect on shareholders interests or the value of the portfolio holding is indeterminable or insignificant.

In addition, the investment adviser will monitor situations that may result in a conflict of interest between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund by maintaining a list of significant existing and prospective corporate clients. The investment adviser's personnel responsible for reviewing and voting proxies on behalf of the Fund will report any proxy received or expected to be received from a company included on that list to the personal of the investment adviser identified in the Policies. If such personnel expects to instruct the Agent to vote such proxies in a manner inconsistent with the guidelines of the Policies or the recommendation of the Agent, the personnel will consult with members of senior management of the investment adviser to determine if a material conflict of interests exists. If it is determined that a material conflict does exist, the investment adviser will seek instruction on how to vote from the Special Committee.

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Information on how the Fund voted proxies relating to portfolio securities during the most recent 12 month period ended June 30 is available (1) without charge, upon request, by calling 1-800-262-1122, and (2) on the Securities and Exchange Commission's website at <http://www.sec.gov>.

Item 8. Portfolio Managers of Closed-End Management Investment Companies

Walter A. Row, Lewis R. Piantedosi and other Eaton Vance Management (EVM) investment professionals comprise the investment team responsible for the overall management of the Fund's investments, providing the sub-adviser with research support and supervising the performance of the sub-adviser, Rampart Investment Management Company, Inc. (Rampart). Mr. Row and Mr. Piantedosi are the portfolio managers responsible for the day-to-day management of EVM's responsibilities with respect to the Fund's investment portfolio. Mr. Row is a Vice President and the Director of Equity Research at EVM. He is a member of EVM's Equity Strategy Committee, manages other Eaton Vance registered investment companies and has been an equity analyst and member of EVM's equity research team since 1996. Mr. Piantedosi is a Vice President of EVM. He is a member of EVM's Equity Strategy Committee and co-manager of other Eaton Vance registered investment companies. He first joined Eaton Vance's equity group in 1999.

Ronald M. Egalka and David R. Fraley are responsible for the development and implementation of Rampart's options strategy utilized in managing the Fund. Mr. Egalka has been with Rampart since 1983 and is its President and CEO. Mr. Fraley is Managing Director/Manager of Marketing and Client Service at Rampart.

The following tables show, as of the Fund's most recent fiscal year end, the number of accounts each portfolio manager managed in each of the listed categories and the total assets in the accounts managed within each category. The table also shows the number of accounts with respect to which the advisory fee is based on the performance of the account, if any, and the total assets in those accounts.

	Number of All Accounts	Total Assets of All Accounts*	Number of Accounts Paying a Performance Fee	Total Assets of Accounts Paying a Performance Fee*
Walter A. Row				
Registered Investment Companies	8	\$ 15,429.6	0	\$ 0
Other Pooled Investment Vehicles	0	\$ 0	0	\$ 0
Other Accounts	0	\$ 0	0	\$ 0
Lewis R. Piantedosi				
Registered Investment Companies	4	\$ 5,402.5	0	\$ 0
Other Pooled Investment Vehicles	0	\$ 0	0	\$ 0
Other Accounts	0	\$ 0	0	\$ 0
Ronald M. Egalka				
Registered Investment Companies	7	\$ 14,024.5	0	\$ 0
Other Pooled Investment Vehicles	0	\$ 0	0	\$ 0
Other Accounts	384	\$ 1,261.6	0	\$ 0
David R. Fraley				
Registered Investment Companies	2	\$ 1,741.8	0	\$ 0
Other Pooled Investment Vehicles	0	\$ 0	0	\$ 0
Other Accounts	384	\$ 1,261.6	0	\$ 0

*In millions of dollars. For registered investment companies, assets represent net assets of all open-end investment companies and gross assets of all closed-end investment companies.

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The following table shows the dollar range of Fund shares beneficially owned by each portfolio manager as of the Fund's most recent fiscal year end.

Portfolio Manager	Dollar Range of Equity Securities Owned in the Fund
Walter A. Row	\$10,001-\$50,000
Lewis R. Piantedosi	None
Ronald M. Egalka	\$10,001-\$50,000
David R. Fraley	\$10,001-\$50,000

Potential for Conflicts of Interest. The portfolio managers manage multiple investment portfolios. Conflicts of interest may arise between a portfolio manager's management of the Fund and his management of these other investment portfolios. Potential areas of conflict may include allocation of a portfolio manager's time, investment opportunities and trades among investment portfolios, including the Fund, personal securities transactions and use of Fund portfolio holdings information. In addition, some investment portfolios may compensate the investment adviser or sub-adviser based on the performance of the securities held by that account. The existence of such a performance based fee may create additional conflicts of interest for a portfolio manager in the allocation of management time and investment opportunities. EVM and the sub-adviser have adopted policies and procedures that they believe are reasonably designed to address these conflicts. There is no guarantee that such policies and procedures will be effective or that all potential conflicts will be anticipated.

Portfolio Manager Compensation Structure

EVM

Compensation of EVM's portfolio managers and other investment professionals has three primary components: (1) a base salary, (2) an annual cash bonus, and (3) annual stock-based compensation consisting of options to purchase shares of EVC's nonvoting common stock and/or restricted shares of EVC's nonvoting common stock. EVM's investment professionals also receive certain retirement, insurance and other benefits that are broadly available to all EVM's employees. Compensation of EVM's investment professionals is reviewed primarily on an annual basis. Cash bonuses, stock-based compensation awards, and adjustments in base salary are typically paid or put into effect at or shortly after the October 31st fiscal year end of EVC.

Method to Determine Compensation. EVM compensates its portfolio managers based primarily on the scale and complexity of their portfolio responsibilities and the total return performance of managed funds and accounts versus appropriate peer groups or benchmarks. Performance is normally based on

periods ending on the September 30th preceding fiscal year end. Fund performance is evaluated primarily versus peer groups of funds as determined by Lipper Inc. and/or Morningstar, Inc. In evaluating the performance of a fund and its manager, primary emphasis is normally placed on three-year performance, with secondary consideration of performance over longer and shorter periods. For funds that are tax-managed or otherwise have an objective of after-tax returns, performance is measured net of taxes. For other funds, performance is evaluated on a pre-tax basis. In addition to rankings within peer groups of funds on the basis of absolute performance, consideration may also be given to risk-adjusted performance. For funds with an investment objective other than total return (such as current income), consideration will also be given to the fund's success in achieving its objective. For managers responsible for multiple funds and accounts, investment performance is evaluated on an aggregate basis, based on averages or weighted averages among managed funds and accounts. Funds and accounts that have performance-based advisory fees are not accorded disproportionate weightings in measuring aggregate portfolio manager performance.

The compensation of portfolio managers with other job responsibilities (such as heading an investment group or providing analytical support to other portfolios) will include consideration of the scope of such responsibilities and the managers' performance in meeting them.

EVM seeks to compensate portfolio managers commensurate with their responsibilities and performance, and competitive with other firms within the investment management industry. EVM participates in investment-industry compensation surveys and utilizes survey data as a factor in determining salary, bonus and stock-based compensation levels for portfolio managers and other investment professionals. Salaries, bonuses and stock-based compensation are also influenced by the operating performance of EVM and its parent company. The overall annual cash bonus pool is based on a substantially fixed percentage of pre-bonus operating income. While the salaries of EVM's portfolio managers are comparatively fixed, cash bonuses and stock-based compensation may fluctuate significantly from year to year, based on changes in manager performance and other factors as described herein. For a high performing portfolio manager, cash bonuses and stock-based compensation may represent a substantial portion of total compensation.

Rampart

The identified Rampart portfolio managers are founding shareholders of Rampart. The compensation of the portfolio managers has two primary components: (1) a base salary, and (2) an annual cash bonus. There are also certain retirement, insurance and other benefits that are broadly available to all Rampart employees. Compensation of Rampart investment professionals is reviewed primarily on an annual basis. Cash bonuses and adjustments in base salary are typically paid or put into effect at or shortly after the June 30 fiscal year-end of Rampart.

Rampart compensates its founding shareholders, including the identified portfolio managers, based primarily on the scale and complexity of their responsibilities. The performance of portfolio managers is evaluated primarily based on success in achieving portfolio objectives for managed funds and accounts. Rampart seeks to compensate all portfolio managers commensurate with their responsibilities and performance, and competitive with other firms within the investment management industry. This is reflected in the founding shareholders/identified portfolio managers' salaries.

Salaries and profit participations are also influenced by the operating performance of Rampart. While the salaries of Rampart's founding shareholders/identified portfolio managers are comparatively fixed, profit participations may fluctuate substantially from year to year, based on changes in financial performance.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers.

No such purchases this period.

Item 10. Submission of Matters to a Vote of Security Holders.

No Material Changes.

Item 11. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12. Exhibits

- (a)(1) Registrant's Code of Ethics Not applicable (please see Item 2).
 - (a)(2)(i) Treasurer's Section 302 certification.
 - (a)(2)(ii) President's Section 302 certification.
 - (b) Combined Section 906 certification.
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Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Eaton Vance Enhanced Equity Income Fund II

By: /s/ Duncan W. Richardson
Duncan W. Richardson
President

Date: February 15, 2008

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Barbara E. Campbell
Barbara E. Campbell
Treasurer

Date: February 15, 2008

By: /s/ Duncan W. Richardson
Duncan W. Richardson
President

Date: February 15, 2008
