QUARTERLY STATEMENT						
OF THE Massachusetts Mutual Life Insurance Company						
TO THE Insurance Department						
OF THE						
STATE OF						
FOR THE QUARTER ENDED MARCH 31, 2019						

2019



LIFE AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES - ASSOCIATION EDITION

QUARTERLY STATEMENT

AS OF MARCH 31, 2019

OF THE CONDITION AND AFFAIRS OF THE

Massachusetts Mutual Life Insurance Company NAIC Group Code 0435 0435 NAIC Company Code 65935 Employer's ID Number 04-1590850 (Current) (Prior) (Prior) (Prior) (Prior) (Prior) , State of Domicile or Port of Entry MA Organized under the Laws of Massachusetts United States of America Country of Domicile Licensed as business type: Life, Accident & Health [X] Fraternal Benefit Societies [] Incorporated/Organized 05/15/1851 Commenced Business 08/01/1851 1295 State Street Statutory Home Office Springfield, MA, US 01111 (Street and Number) (City or Town, State, Country and Zip Code) Main Administrative Office 1295 State Street (Street and Number) Springfield, MA, US 01111 413-788-8411 (Area Code) (Telephone Number) (City or Town, State, Country and Zip Code) Mail Address 1295 State Street Springfield, MA, US 01111 (Street and Number or P.O. Box) (City or Town, State, Country and Zip Code) Primary Location of Books and Records 1295 State Street (Street and Number) Springfield, MA, US 01111 413-788-8411 (City or Town, State, Country and Zip Code) (Area Code) (Telephone Number) Internet Website Address www.massmutual.com Statutory Statement Contact Yiji S. Starr 617-695-4651 (Area Code) (Telephone Number) (Name) ystarr02@massmutual.com 413-226-4086 (E-mail Address) (FAX Number) OFFICERS President and Chief Roger William Crandall Todd Garett Picken Executive Officer Treasurer Secretary Akintokunbo Akinbajo # Appointed Actuary Douglas Wright Taylor OTHER Elizabeth Ward Chicares, Chief Financial Officer and Michael Robert Fanning, Head of MassMutual U.S. Melvin Timothy Corbett, Chief Investment Officer Chief Actuary Mark Douglas Roellig, Head of Technology & Administration Adnan Omar Ahmed, Head of MassMutual International Geoffrey James Craddock, Chief Risk Officer Susan Marie Cicco, Head of Human Resources & Pia Denise Flanagan #, Chief of Staff to the CEO Michael James O'Connor, General Counsel Strategic Communications Gareth Fielding Ross, Head of Digital & Customer Experience DIRECTORS OR TRUSTEES Roger William Crandall - Chairman Karen Hall Bechtel Mark Thomas Bertolini Kathleen Ann Corbet James Henry DeGraffenreidt, Jr Isabella Davidov Goren Jeffrey Marc Leiden Marc Francis Racicot Laura Jeanne Sen William Taylor Spitz Howard Todd Stitzer - Lead Director State of Massachusetts - SS County of Hampden The officers of this reporting entity being duly sworn, each depose and say that they are the described officers of said reporting entity, and that on the reporting period stated above, all of the herein described assets were the absolute property of the said reporting entity, free and clear from any liens or claims thereon, except as herein stated, and that this statement, together with related exhibits, schedules and explanations therein contained, annexed or referred to, is a full and true statement of all the assets and liabilities and of the condition and affairs of the said reporting entity as of the reporting period stated above, and of its income and deductions thereform for the period ended, and have been completed in accordance with the NAIC Annual Statement Instructions and Accounting Practices and Procedures manual except to the extent that: (1) state law may differ; or, (2) that state rules or regulations require differences in reporting not related to accounting practices and procedures, according to the best of their information, knowledge and belief, respectively. Furthermore, the scope of this attestation by the described officers also includes the related corresponding electronic filing with the NAIC, when required, that is an exact corry (accent for formation, differences due to electronic filing of the and electronic filing of the accurate filing of the and electronic filing of the and electronic filing addition and enter one filing of the accurate filing of the and the analysis.

to the enclosed statement.

Boger William Crandall President and Chief Executive Officer Akintokunbo Akinbaio Secretary

Subscribed and sworn to before me this

day of

Todd Garett Picken Treasurer

Yes[X]No[]

b. If no,

a. Is this an original filing?

- 1. State the amendment number...
- 2. Date filed
- 3. Number of pages attached......

		SETS			
		3 Net Admitted Assets	4 December 31 Prior Year Net		
4	Danda	Assets 98.270.705.919	Nonadmitted Assets	(Cols. 1 - 2) 98,270,705,919	Admitted Assets
	Bonds				
	2.1 Preferred stocks	7/7 700 878			744 002 065
	2.2 Common stocks				
	Mortgage loans on real estate:			15,700,345,370	
	3.1 First liens	24 402 314 570			23 623 807 520
	3.2 Other than first liens				
	Real estate:				
	4.1 Properties occupied by the company (less \$				
	encumbrances)	194 193 686			195 523 677
	4.2 Properties held for the production of income (less				
	\$	275 056 437			272 704 758
	4.3 Properties held for sale (less \$	270,000,407		210,000,407	E12,104,100
	encumbrances)				20,078,118
5.	Cash (\$214,455,273), cash equivalents				
	(\$2,310,949,937) and short-term				
	investments (\$				4,318,003,746
6.	Contract loans (including \$ premium notes)				
7.	Derivatives	8,898,093,149		8,898,093,149	8,741,308,632
8.	Other invested assets	8,675,830,860		8,644,274,946	
9.	Receivables for securities			1,331,163,339	
	Securities lending reinvested collateral assets				
11.	Aggregate write-ins for invested assets				
12.	Subtotals, cash and invested assets (Lines 1 to 11)			173,865,652,608	
13.	Title plants less \$ charged off (for Title insurers				
	only)				
14.	Investment income due and accrued			2,447,769,651	
	Premiums and considerations:				
	15.1 Uncollected premiums and agents' balances in the course of collection				
	15.2 Deferred premiums, agents' balances and installments booked but				
	deferred and not yet due (including \$				
	earned but unbilled premiums)				
	15.3 Accrued retrospective premiums (\$				
	contracts subject to redetermination (\$)				
	Reinsurance:				
	16.1 Amounts recoverable from reinsurers		10, 143, 871		
	16.2 Funds held by or deposited with reinsured companies				
	16.3 Other amounts receivable under reinsurance contracts			16,391,871	
	Amounts receivable relating to uninsured plans				
18.1	Current federal and foreign income tax recoverable and interest thereon				
18.2	Net deferred tax asset	1, 103, 432, 689		1,086,606,379	
19.	Guaranty funds receivable or on deposit				
20.	Electronic data processing equipment and software				
21.	Furniture and equipment, including health care delivery assets				
	(\$				
22.	Net adjustment in assets and liabilities due to foreign exchange rates				
23.	Receivables from parent, subsidiaries and affiliates				
24.	Health care (\$				
	Aggregate write-ins for other than invested assets				
	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)				
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts				
28.	Total (Lines 26 and 27)	251,923,120,655		249,945,597,781	243,646,846,820
1	DETAILS OF WRITE-INS	,,,	.,,,	,,,	,.,,,.
1101.					
1102.					
1103.					
1198.	Summary of remaining write-ins for Line 11 from overflow page				
	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)				
1		0 170 005 140			2,115,001,571
	Corporate owned life insurance			<u>,</u> , 170,000, 140 p.	
2501.	Corporate owned life insurance Employee insurance plan advances				
2501. 2502.			14,879	41,987,619	
2501. 2502. 2503.	Employee insurance plan advances		14,879	41,987,619 27,832,428	40,908,972

ASSETS

LIABILITIES, SURPLUS AND OTHER FUNDS

1.			-
1.		1 Current Statement Date	2 December 31 Prior Year
	Aggregate reserve for life contracts \$	110 005 011 101	110 010 001 004
	(including \$133,412,064 Modco Reserve)		
2.	Aggregate reserve for accident and health contracts (including \$ Modco Reserve)		
	Liability for deposit-type contracts (including \$		
4.	Contract claims:	E10 400 4E0	400 000 750
	4.1 Life		
-	4.2 Accident and health		
5.	Policyholders' dividends/refunds to members \$	0 105 407	7 050 000
•	and unpaid	8,125,497	
6.	Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated		
	amounts: 6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$		
	Modco)	1 717 888 630	1 704 768 185
	6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$	1,717,000,009	1,704,700,105
-	6.3 Coupons and similar benefits (including \$ Modco)		
	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less	40,626,001	22 700 041
•	\$8,427,652 accident and health premiums		
9.	Contract liabilities not included elsewhere:		
	9.1 Surrender values on canceled contracts		
	9.2 Provision for experience rating refunds, including the liability of \$ accident and health		
	experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health	44 507 040	10, 101, 000
	Service Act		
	9.3 Other amounts payable on reinsurance, including \$1,513,273 assumed and \$10,096,478		
	ceded		
	9.4 Interest Maintenance Reserve		
10.	Commissions to agents due or accrued-life and annuity contracts \$		_
	\$		7,506,755
11.	Commissions and expense allowances payable on reinsurance assumed		
12.	General expenses due or accrued		1,095,534,762
	Transfers to Separate Accounts due or accrued (net) (including \$(131,486,446) accrued for expense		
	allowances recognized in reserves, net of reinsured allowances)	(148,243,966)	
14.	Taxes, licenses and fees due or accrued, excluding federal income taxes		
15.1	Current federal and foreign income taxes, including \$ on realized capital gains (losses)	3,434	3,434
	Net deferred tax liability		
	Unearned investment income		
17.	Amounts withheld or retained by reporting entity as agent or trustee	15.081.851	
18.	Amounts held for agents' account, including \$	351,343,668	333.630.886
19.	Remittances and items not allocated	368 010 365	890 822 640
20.	Net adjustment in assets and liabilities due to foreign exchange rates		
	Liability for benefits for employees and agents if not included above		
	Borrowed money \$		
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities:		
24.	24.01 Asset valuation reserve	3 370 445 326	3 306 820 067
	24.02 Reinsurance in unauthorized and certified (\$	184.854	
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$,
	24.05 Punds here under remission de treates with unautionized and centried (#		
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.07 Funds field under comsurance		
	24.09 Payable for securities		
	24.10 Payable for securities lending		
	24.11 Capital notes \$ and interest thereon \$	8,960,318,811	
25	Aggregate write-ins for liabilities		
	Total liphilition ovaluding Sanarata Accounts husingsa (Lings 1 to 25)		9,742,092,195
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	165, 173, 279, 856	9,742,092,195 163,558,959,566
26. 27.	From Separate Accounts Statement	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585
26. 27. 28.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 .234,246,191,371	9,742,092,195 163,558,959,566
26. 27. 28. 29.	From Separate Accounts Statement	165, 173, 279, 856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151
26. 27. 28. 29. 30.	From Separate Accounts Statement	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151
26. 27. 28. 29. 30. 31.	From Separate Accounts Statement	165, 173, 279, 856 69, 072, 911, 515 234, 246, 191, 371	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 2,268,222,657	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151
26. 27. 28. 29. 30. 31. 32. 33. 34.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 2,268,222,657 3,250,000	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 2,268,222,657 3,250,000	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 2,268,222,657 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35.	From Separate Accounts Statement	165,173,279,856 69,072,911,515 234,246,191,371 2,268,222,657 3,250,000 .13,427,933,753	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Linassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$)	165,173,279,856 69,072,911,515 .234,246,191,371 	9,742,092,195 163,558,959,566
 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ including \$ in Separate Accounts Statement)	165,173,279,856 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ including \$ in Separate Accounts Statement)	165,173,279,856 69,072,911,515 .234,246,191,371 	9,742,092,195 163,558,959,566
 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	165,173,279,856 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS	165,173,279,856 .69,072,911,515 234,246,191,371 .2,268,222,657 .2,268,222,657 .3,250,000 .13,427,933,753 .15,699,406,409 15,699,406,409 249,945,597,781	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements	165,173,279,856 69,072,911,515 .234,246,191,371 2,268,222,657 2,268,222,657 3,250,000 13,427,933,753 13,427,933,753 15,699,406,409 15,699,406,409 15,699,406,409 249,945,597,781 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$) Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements Derivat ive collateral	165,173,279,856 .69,072,911,515 234,246,191,371 .2,268,222,657 .2,268,222,657 .3,250,000 .13,427,933,753 .15,699,406,409 15,699,406,409 15,699,406,409 249,945,597,781 .4,425,350,867 .2,378,672,615	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211
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26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$	165,173,279,856 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$	165,173,279,856 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598. 2599.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$	165,173,279,856 	9,742,092,195 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2502. 2503. 2598. 2599. 3101.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$) in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements Der ivative col lateral Der ivative col lateral Der ivative col lateral Es from overflow page Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	165,173,279,856 	9,742,092,193 163,558,959,566 64,478,100,583 228,037,060,15 2,268,096,21 2,268,096,21 3,250,000 3,338,440,456 13,338,440,456 15,609,786,666 15,609,786,666 2,945,652,366
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598. 2599. 3101. 3102.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$)) Surplus of Lines 29, 30 and 37) Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)) DETAILS OF WRITE-INS Repurchase agreements Der ivat ive col lateral	165,173,279,856 	9,742,092,193 163,558,959,566
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2503. 2598. 2599. 3101. 3102. 3103.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETIALS OF WRITE-INS Repurchase agreements Der ivat ive coll lateral Der ivat ive coll interest Summary of remaining write-ins for Line 25 from overflow page Summary of remaining write-ins for Line 31 from overflow page	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211 2,268,096,211 3,250,000 13,338,440,456 15,609,786,665 2,945,652,366
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2503. 2598. 2599. 3101. 3102. 3103. 3199.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares preferred (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements Der ivat ive collateral Der ivat ive collateral Summary of remaining write-ins for Line 25 from overflow page Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211 3,250,000 13,338,440,456 15,609,786,665 243,646,846,820 4,803,587,340 2,945,652,366 1,898,874,855 93,977,626 94,973,977,626 94,973,975,975,975,975,975,975,975,975,975,975
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598. 2599. 3101. 3103. 3198. 3199. 3401.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 29, 30 and 37 Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements Der ivat ive collateral Der ivat ive collateral Der ivat ive collateral Summary of remaining write-ins for Line 25 from overflow page Totals (Lines 2501 through 2503 plus 2598)(Line 25 above) Summary of remaining write-ins for Line 31 from overflow page Totals (Lines 3101 through 3103 plus 3198)(Line 31 above) Designated surplus for group annuit ites	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211 3,250,000 3,250,000 13,338,440,455 15,609,786,665 15,609,786,665 2,945,652,366 1,898,874,855 93,977,625 94,975,975,975,975,975,975,975,975,975,975
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598. 2599. 3101. 3103. 3198. 3199. 3401.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211 3,250,000 13,338,440,458 15,609,786,669 15,609,786,669 243,646,846,820 4,803,587,340 2,945,652,368 1,898,874,859 93,977,628 93,977,628 93,977,628 9,742,092,195
26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 2501. 2502. 2503. 2598. 2599. 3101. 3103. 3198. 3199. 3401.	From Separate Accounts Statement Total liabilities (Lines 26 and 27) Common capital stock Preferred capital stock Aggregate write-ins for other than special surplus funds Surplus notes Gross paid in and contributed surplus Aggregate write-ins for special surplus funds Unassigned funds (surplus) Less treasury stock, at cost: 36.1 shares common (value included in Line 29 \$) 36.2 shares preferred (value included in Line 30 \$) Surplus (Total Lines 31+32+33+34+35-36) (including \$ in Separate Accounts Statement) Totals of Lines 29, 30 and 37 Totals of Lines 29, 30 and 37 Totals of Lines 29, 30 and 37 Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3) DETAILS OF WRITE-INS Repurchase agreements Der ivat ive collateral Der ivat ive collateral Der ivat ive collateral Summary of remaining write-ins for Line 25 from overflow page Totals (Lines 2501 through 2503 plus 2598)(Line 25 above) Summary of remaining write-ins for Line 31 from overflow page Totals (Lines 3101 through 3103 plus 3198)(Line 31 above) Designated surplus for group annuit ites	165,173,279,856 	9,742,092,195 163,558,959,566 64,478,100,585 228,037,060,151 2,268,096,211 2,268,096,211 3,250,000 13,338,440,458 13,338,440,458 15,609,786,669 15,609,786,669 243,646,846,820 4,803,587,340 2,945,652,368 1,898,874,859 93,977,628 9,742,092,195

SUMMARY OF OPERATIONS

		1	2	3
		Current Year	Prior Year	Prior Year Ended
		To Date	To Date	December 31
1.	Premiums and annuity considerations for life and accident and health contracts		5,994,572,588	
2. 3.	Considerations for supplementary contracts with life contingencies		6,220,668 1,717,188,021	23,694,419 7,709,838,336
3. 4.	Amortization of Interest Maintenance Reserve (IMR)			
5.	Separate Accounts net gain from operations excluding unrealized gains or losses			
6.	Commissions and expense allowances on reinsurance ceded	53.213.417		
7.	Reserve adjustments on reinsurance ceded	(4,930,576)	(106,093,595)	(120,338,587)
8.	Miscellaneous Income:			
	8.1 Income from fees associated with investment management, administration and contract			
	guarantees from Separate Accounts			
	8.2 Charges and fees for deposit-type contracts			
_	8.3 Aggregate write-ins for miscellaneous income		138,093,352	561,716,288
9.	Totals (Lines 1 to 8.3)	6,943,798,077	7,894,546,890	31,721,431,447
10.	Death benefits			1,801,487,193
11.	Matured endowments (excluding guaranteed annual pure endowments)			
12.	Annuity benefits Disability benefits and benefits under accident and health contracts			2,004,550,137
13. 14.				
14.	Coupons, guaranteed annual pure endowments and similar benefits		4,657,497,847	
16.				
17.	Interest and adjustments on contract or deposit-type contract funds			
18.	Payments on supplementary contract or deposit-type contract rands			
19.	Increase in aggregate reserves for life and accident and health contracts		1,383,046,229	7,507,800,736
20.	Totals (Lines 10 to 19)	6 494 945 283	7,286,303,453	
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct			
	business only)			
22.	Commissions and expense allowances on reinsurance assumed			
23.	General insurance expenses and fraternal expenses			
24.	Insurance taxes, licenses and fees, excluding federal income taxes			
25.	Increase in loading on deferred and uncollected premiums	(11,835,948)		(27,564,856)
26.	Net transfers to or (from) Separate Accounts net of reinsurance			(3,008,428,954)
27.	Aggregate write-ins for deductions	(131,990,651)	(411,329,143)	(1,031,463,367)
28.	Totals (Lines 20 to 27)	6,526,870,522	7,555,245,023	29,971,653,027
29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus			
	Line 28)			1,749,778,420
30.	Dividends to policyholders and refunds to members	392,983,681	364,148,784	1,695,253,440
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal	22 042 074	(04 046 017)	E4 E04 000
32.	income taxes (Line 29 minus Line 30) Federal and foreign income taxes incurred (excluding tax on capital gains)			54,524,980 (168,384,146)
32.	Net gain from operations after dividends to policyholders, refunds to members and federal income	00,001,072	70,031,020	(100,004,140)
- 55.	taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	(44,587,798)	(95,538,737)	
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital			
•	gains tax of \$			
	transferred to the IMR)	38,911,425	(1,440,941,992)	(1,044,256,266)
35.	Net income (Line 33 plus Line 34)	(5,676,373)	(1,536,480,729)	(821,347,140)
	CAPITAL AND SURPLUS ACCOUNT	.,,,,	(,,,,,,,	. , , ,
36.	Capital and surplus, December 31, prior year	15,609,786,669	15,705,216,653	15,705,216,653
	Net income (Line 35)		(1,536,480,729)	(821,347,140)
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$	(108,075,452)		1,778,861,989
39.	Change in net unrealized foreign exchange capital gain (loss)			(594,081,445)
40.	Change in net deferred income tax			
41.	Change in nonadmitted assets			
42.	Change in liability for reinsurance in unauthorized and certified companies			
43.	Change in reserve on account of change in valuation basis, (increase) or decrease			
44.	Change in asset valuation reserve			
45.	Change in treasury stock			
46.	Surplus (contributed to) withdrawn from Separate Accounts during period			
47.	Other changes in surplus in Separate Accounts Statement	100 445		(3,153)
48.	Change in surplus notes			
49. 50	Cumulative effect of changes in accounting principles			
50.	Capital changes: 50.1 Paid in			
	50.2 Transferred from surplus (Stock Dividend)			
	50.3 Transferred to surplus			
51.	•			
	51.1 Paid in			
	51.2 Transferred to capital (Stock Dividend)			
	51.3 Transferred from capital			
	51.4 Change in surplus as a result of reinsurance			
52.	Dividends to stockholders			
53.	Aggregate write-ins for gains and losses in surplus		(70,540,838)	
54.	Net change in capital and surplus for the year (Lines 37 through 53)	89,619,743	(583,931,406)	
55.	Capital and surplus, as of statement date (Lines 36 + 54)	15,699,406,412	15, 121, 285, 247	15,609,786,669
	DETAILS OF WRITE-INS			•
08.301.	Management and administrative fees			
08.302.	Change in corporate owned life insurance		5,758,478	10,599,028
08.303.	Experience refunds on reinsurance contracts			
	Summary of remaining write-ins for Line 8.3 from overflow page			
	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	194,162,624	138,093,352	561,716,288
	Change in reserves due to reinsurance agreement			
	Reinsurance ceded adjustment			(14,545,497)
	Market value adjustment transfer			
	Summary of remaining write-ins for Line 27 from overflow page			
	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	(131,990,651)	(411,329,143)	
5301.	Other changes in surplus	(34,280,840)		
	Reinsurance ceded adjustment			
6303	Change in minimum pension liability			
	Our second			
5398.	Summary of remaining write-ins for Line 53 from overflow page Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	(37,733,860)	(70.540.838)	

CASH FLOW

	CASITIEOW			
		1 Current Year To Date	2 Prior Year To Date	3 Prior Year Ended December 31
	Cash from Operations	To Date	To Date	December 51
1.	Premiums collected net of reinsurance	5,075,518,514	6,082,194,610	
2.	Net investment income		1,442,787,784	6,761,697,857
3.	Miscellaneous income	241,121,635	136,746,874	1,015,740,250
4.	Total (Lines 1 to 3)	7,694,221,976	7,661,729,268	30,386,147,439
5.	Benefit and loss related payments			
6.	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts			
7.	Commissions, expenses paid and aggregate write-ins for deductions			
8.	Dividends paid to policyholders		353,017,596	1,588,224,238
9.	Federal and foreign income taxes paid (recovered) net of \$ tax on capital			
0.	gains (losses)	(329,708,759)	(163,795,690)	(162,241,559
10.	Total (Lines 5 through 9)	5,543,391,632	6,407,448,437	23,953,585,868
		2,150,830,344	1,254,280,831	
11.	Net cash from operations (Line 4 minus Line 10)	2,130,830,344	1,204,280,831	6,432,561,571
	Cash from Investments			
12.	Proceeds from investments sold, matured or repaid: 12.1 Bonds	4,584.343.441	3,520.813.048	
	12.2 Stocks			
	12.3 Mortgage loans			
	12.4 Real estate			
	12.5 Other invested assets			
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments			2, 135,239,32
		(164,730,983)	(586,839,529)	
	12.7 Miscellaneous proceeds			71,696,82
	12.8 Total investment proceeds (Lines 12.1 to 12.7)	5, 138,008, 182	4,409,967,837	
13.	Cost of investments acquired (long-term only):			
	13.1 Bonds			
	13.2 Stocks			
	13.3 Mortgage loans			
	13.4 Real estate		(34,442,064)	
	13.5 Other invested assets			1,652,995,50
	13.6 Miscellaneous applications	(171,009,137)	(104,959,482)	724,893,58
	13.7 Total investments acquired (Lines 13.1 to 13.6)	7,588,713,616	5,357,267,101	33,263,649,81
14.	Net increase (or decrease) in contract loans and premium notes	111,392,321	145,393,299	545,869,32
15.	Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(2,562,097,755)	(1,092,692,563)	(7,040,414,45
	Cash from Financing and Miscellaneous Sources			
16.	Cash provided (applied):			
	16.1 Surplus notes, capital notes			
	16.2 Capital and paid in surplus, less treasury stock			
	16.3 Borrowed funds	(11,083)	(89,896)	(234,57
	16.4 Net deposits on deposit-type contracts and other insurance liabilities			
	16.5 Dividends to stockholders			
	16.6 Other cash provided (applied)	(533,471,186)	(896,578,856)	1,259,929,46
17.	Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5			
	plus Line 16.6)	(490,271,914)	(298,698,700)	1,346,291,01
	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
18.	Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(901,539,325)	(137,110,432)	
19.	Cash, cash equivalents and short-term investments:			
	19.1 Beginning of year	4,318,003,746		3,579,565,62
	19.2 End of period (Line 18 plus Line 19.1)	3,416,464,421	3,442,455,190	4,318,003,74
	upplemental disclosures of cash flow information for non-cash transactions:	•		
U.00	01. Bond conversions and refinancing			

Note: Suppl	lemental disclosures of cash flow information for non-cash transactions:			
20.0001.	Bond conversions and refinancing			1,058,254,566
20.0002.	Change in market value of COLI		5,876,636	
20.0003.	Transfer of mortgage loans to other invested assets			
20.0004.	Stock conversion		13,789,057	
20.0005.	Net investment income payment in-kind bonds	1, 170, 496	1,377,126	
20.0006.	Dividend reinvestment		4,753,371	11,434,061
20.0007.	Net investment income payment in-kind stocks			460,873
20.0008.	Other invested assets transferred to stock			
20.0009.	Dividend declared from Insurance Road			
20.0010.	Bank loan rollovers		18,674,267	

Note: Supplemental disclosures of cash flow information for non-cash transactions:	
20.0011. Return of capital	
20.0012. Transfer of common stocks - subsidiaries and affiliated to other invested assets	
20.0013. Other invested assets contributed to Insurance Road LLC	
20.0014. Premium income recognized for a group annuity contracts	
20.0015. Transfer from bonds to other than invested assets	
20.0016. Transfer of bonds to partnerships	
20.0017. Bonds and common stock contributed to EM Opportunities LLC	
20.0018. Transfer of other invested assets to real estate	

EXHIBIT 1

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

		1 Current Year	2 Prior Year	3 Prior Year Ended
		To Date	To Date	December 31
1.	Industrial life			
2.	Ordinary life insurance	1,657,444,626	1,573,193,639	7,405,145,430
3.	Ordinary individual annuities			3,303,332,907
4.	Credit life (group and individual)			
5.	Group life insurance			701, 120, 304
6.	Group annuities			11, 111, 242, 611
7.	A & H - group			
8.	A & H - credit (group and individual)			
9.	A & H - other			747 ,932 ,707
10.	Aggregate of all other lines of business			
11.	Subtotal (Lines 1 through 10)	5,211,393,021	5,778,383,094	
12.	Fraternal (Fraternal Benefit Societies Only)			
13.	Subtotal (Lines 11 through 12)		5,778,383,094	23,269,145,562
14.	Deposit-type contracts	1,702,426,814	1,420,361,787	4,486,037,688
15.	Total (Lines 13 and 14)	6,913,819,835	7,198,744,881	27,755,183,250
	DETAILS OF WRITE-INS			
1001.				
1002.				
1003.				
1098.	Summary of remaining write-ins for Line 10 from overflow page			
1099.	Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			

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Note 1 – Summary of Significant Accounting Policies and Going Concern

Accounting practices: The accompanying financial statements of Massachusetts Mutual Life Insurance Company (the Company) have been prepared in conformity with the Statutory Accounting Practices (SAP) of the National Association of Insurance Commissioners (NAIC) and the accounting practices prescribed or permitted by the Commonwealth of Massachusetts Division of Insurance (the Division).

A reconciliation of the Company's net income and capital and surplus between NAIC SAP and practices prescribed and permitted by the Commonwealth of Massachusetts is shown below:

		F/S	F/S		
	SSAP #	Page	Line #	2019	2018
NET INCOME					
(1) State basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ (5,676,373)	\$ (821,347,140)
(2) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	-
(3) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	-
(4) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ (5,676,373)	\$ (821,347,140)
SURPLUS					
(5) State basis (Page 3, Line 38, Columns 1 & 2)	XXX	XXX	XXX	\$ 15,699,406,409	\$ 15,609,786,669
(6) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	-
(7) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	
(8) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$ 15,699,406,409	\$ 15,609,786,669

b. Use of estimates in the preparation of the financial statements - No change

c. Accounting policy:

(1-5) No change

(6) For loan-backed and structured securities, such as asset-backed securities, mortgage-backed securities, including residential mortgage-backed securities and commercial mortgage-backed securities, and structured securities, including collateralized debt obligations, amortization or accretion is revalued quarterly based on the current estimated cash flows, using either the prospective or retrospective adjustment methodologies.

Certain fixed income securities with the highest ratings from a rating agency follow the retrospective method of accounting. Under the retrospective method, the recalculated effective yield equates the present value of the actual and anticipated cash flows, including new prepayment assumptions, to the original cost of the investment. Prepayment assumptions are based on borrower constraints and economic incentives such as the original term, age and coupon of the loan as affected by the interest rate environment. The current carrying value is then increased or decreased to the amount that would have resulted had the revised yield been applied since inception, and investment income is correspondingly decreased or increased.

All other fixed income securities, such as floating rate bonds and interest only securities, including those that have been impaired, follow the prospective method of accounting. Under the prospective method, the recalculated future effective yield equates the carrying value of the investment to the present value of the anticipated future cash flows.

(7-14) No change

d. Going concern:

There is not substantial doubt regarding the Company's ability to continue as a going concern.

Note 2 – Accounting Changes and Corrections of Errors

a. For the three months ended March 31, 2019, corrections of prior years' errors were recorded in surplus, net of tax:

	Increase (Decrease) to:						
	 Prior		Current		Asset		
	Years'		Year		or Liability		
	 Net Income Surplus		Balances				
Other than invested assets	\$ (5,050,840)	\$	113,449,160	\$	(113,449,160)		
Policyholders' reserves	(26,070,000)		(26,070,000)		26,070,000		
Other liabilities	 (3,160,000)		(3,160,000)		3,160,000		
Total	\$ (34,280,840)	\$	84,219,160				

Of the \$84,219,160 increase to surplus for prior years' errors, \$34,280,840 was recorded as prior period adjustments with an additional amount of \$118,500,000 that was recorded as a change in nonadmitted assets, net of taxes.

For the three months ended March 31, 2018, corrections of prior years' errors were recorded in surplus, net of tax:

	Increase (Decrease) to:						
		Prior		Current		Asset	
		Years'		Year		or Liability	
		Net Income		Surplus		Balances	
Common stocks - subsidiaries and affiliates Partnerships and limited liability companies							
Deferred income taxes	\$	-	\$	(36,021,141)	\$	(36,021,141)	
Policyholders' reserves		(30,883,324)		(30,883,324)		30,883,324	
Total	\$	(30,883,324)	\$	(66,904,465)			

Certain prior year amounts within these financial statements have been reclassified to conform to the current year presentation.

b. Adoption of new accounting standards:

In June 2016, the NAIC adopted substantive revisions to Statements of Statutory Accounting Principles (SSAP) No. 51R, *Life Contracts*, to incorporate references to the Valuation Manual and to facilitate the implementation of principles-based reserving (PBR), which were effective on January 1, 2017. The adoption of PBR only applies to new life insurance policies issued after January 1, 2017, however the Company plans to adopt these revisions to SSAP No. 51R using the 3-year phased in approach by no later than January 1, 2020. The Company currently uses formulas and assumptions to determine reserves as prescribed by state laws and regulations. Under PBR, the Company will be required to hold the higher of (a) the reserve using prescribed factors and (b) the PBR reserve which considers a wide range of future economic conditions, computed using justified company experience factors, such as mortality, policyholder behavior and expenses. The modifications are not expected to have a material effect on the Company's total life reserves and surplus in the financial statements.

In October 2018, the NAIC issued SSAP No. 86, *Benchmark Interest Rates*, effective January 1, 2019. This guidance permits the use of the Overnight Index Swap (OIS) rate based on Secured Overnight Financing Rate as a U.S. benchmark interest rate for hedge accounting purposes under ASC Topic 815 in addition to the U.S. Treasury rate, the LIBOR swap rate, the OIS rate based on the Fed Funds Effective Rate, and the SIFMA Municipal Swap Rate. The Company has not elected to apply hedge accounting, therefore adoption of this guidance did not have an impact on the Company's financial statements.

In November 2018, the NAIC issued SSAP No. 30R, *Unaffiliated Common Stock*, effective January 1, 2019. These clarifications applies to unaffiliated common stock including Securities Exchange Commission registered investment companies, such as closed-end mutual funds and unit investments trusts. The modification also includes public stock warrants, while nonpublic stock warrants would be classified as derivative instruments. The modifications did not have a material effect on the Company's financial statements.

Note 3 - Business Combinations and Goodwill - No change

Note 4 – Discontinued Operations - No change

<u>Note 5 – Investments</u>

a. Mortgage loans, including mezzanine real estate loans - No change

- b. Debt restructuring No change
- c. Reverse mortgages No change
- d. Loan-backed securities:
 - (1) Prepayment assumptions for loan-backed and structured securities are based on various assumptions and inputs obtained from external industry sources along with internal analysis and actual experience.
 - (2) The following contains loan-backed and structured securities that recognized other-than-temporary impairments (OTTI) classified on the following bases for recognizing OTTI:

			(1)			(2) OTT	I		(3)
			Amortized		Re	ecogn	ized	Fair Value 1-(2a+2b) - \$ -	
			Cost Basis			in Los	SS		
			Before	(28	a)	(2	b)		Fair Value
			OTTI	Inter	est	No	on-interest		1-(2a+2b)
отт	I recognized in the first quarter								
a.	Intent to sell	\$	-	\$	-	\$	-	\$	-
b.	Inability or lack of intent to retain the investment								
	in the security for a period of time sufficient to								
	recover the amortized cost basis		7,789,431		-		154,794		7,634,637
c.	Total first quarter	\$	7,789,431	\$	-	\$	154,794	\$	7,634,637
отт	I recognized in the second quarter								
d.	Intent to sell	\$	_	\$	_	\$	-	\$	-
e.	Inability or lack of intent to retain the investment	+		+		Ŧ		Ŧ	
	in the security for a period of time sufficient to								
	recover the amortized cost basis		-		-		-		-
f.	Total second quarter	\$		\$	-	\$	-	\$	
отт	I recognized in the third quarter								
g.	Intent to sell	\$	-	\$	_	\$	-	\$	-
h.	Inability or lack of intent to retain the investment							·	
	in the security for a period of time sufficient to								
	recover the amortized cost basis		-		_		_		-
i.	Total third quarter	\$	-	\$	-	\$	-	\$	-
отт	I recognized in the fourth quarter								
j.	Intent to sell	\$	-	\$	-	\$	-	\$	-
k.	Inability or lack of intent to retain the investment								
	in the security for a period of time sufficient to								
	recover the amortized cost basis	_			_				
I.	Total fourth quarter	\$		\$	-	\$	_	\$	
m.	Annual aggregate total			\$	_	\$	154,794		

All impairments were taken due to the present value of cash flows expected to be collected being less than the amortized cost basis.

(3) The following is a CUSIP detail list of impaired structured securities where the present value of cash flows expected to be collected is less than the amortized cost basis.

CUSIP	Amortized Cost before OTTI	Projected Cash Flow	Recognized OTTI	Amortized Cost after OTTI	Fair Value at Time of OTTI	Date of Financial Instrument Where Reported
61750MAB1	\$ 5,275	\$ 4,933	\$ (341)	\$ 4,933	\$ 4,989	March 31, 2019
65106FAG7	232,843	215,726	(17,118)	215,726	6,316	March 31, 2019
18974BAA7	285,889	270,801	(15,088)	270,801	278,616	March 31, 2019
18974BAN9	149,774	139,333	(10,441)	139,333	148,234	March 31, 2019
32051GCF0	22,786	(6,720)	(29,507)	(6,720)	17,553	March 31, 2019
761118FM5	3,259,303	3,218,368	(40,935)	3,218,368	3,244,154	March 31, 2019
17309FAE8	200,512	200,501	(11)	200,501	208,828	March 31, 2019
466247UG6	467,713	452,359	(15,354)	452,359	459,812	March 31, 2019
57643QAE5	3,114,325	3,109,376	(4,949)	3,109,376	3,256,107	March 31, 2019
US74951PBV94	51,011	29,960	(21,051)	29,960	58,411	March 31, 2019
Totals	\$ 7,789,431	\$ 7,634,637	\$ (154,794)	\$ 7,634,637	\$ 7,683,020	

(4) As of March 31, 2019, the gross unrealized losses and fair values for investments in structured and loan-backed securities for which an OTTI has not been recognized in earnings follow:

a.	The aggregate amount of unrealized losses:		
	1. Less than 12 months	\$	(70,387,163)
	2. 12 months or longer	\$	(74,273,455)
b.	The aggregate related fair value of securities with unrealized le	osses:	
	1. Less than 12 months	\$	6,129,845,296
	2. 12 months or longer	\$	2,897,949,979
b.	1. Less than 12 months	\$, , ,

(5) No change

e. Dollar repurchase agreements and/or securities lending transactions: The Company did not have any dollar repurchase agreements and/or securities lending transactions.

f. Repurchase agreements transactions accounted for as secured borrowing:

(1) The Company has entered into repurchase agreements whereby the Company sells securities and simultaneously agrees to repurchase the same or substantially the same securities. These repurchase agreements are accounted for as collateralized borrowings with the proceeds from the sale of the securities recorded as a liability and the underlying securities continue to be recorded as an investment by the Company. Earnings on these investments are recorded as investment income and the difference between the proceeds and the amount at which the securities will be subsequently reacquired is amortized as interest expense. Repurchase agreements are used as a tool for overall portfolio management to help ensure the Company maintains adequate assets in order to provide yield, spread and duration to support liabilities and other corporate needs.

The Company provides collateral, as dictated by the repurchase agreements, to the counterparty in exchange for a loan. If the fair value of the securities sold becomes less than the loan, the counterparty may require additional collateral.

The carrying value, which is at cost, reported in the Company's assets as repurchase agreements approximates the fair value.

(2) Type of Repo Trades Used

		1	2	3	4
		FIRST	SECOND	THIRD	FOURTH
		QUARTER	QUARTER	QUARTER	QUARTER
a.	Bilateral (YES/NO)	YES	-	-	-
b.	Tri-Party (YES/NO)	NO	-	-	-

(3) Original (Flow) & Residual Maturity

			FIRST Q	UARTER		SECOND QUARTER				
		1	2	3	4	5	6	7	8	
				AVERAGE				AVERAGE		
				DAILY	ENDING			DAILY	ENDING	
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE	
a.	Open – No Maturity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
b.	Overnight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
c.	2 Days to 1 Week	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
d.	> 1 Week to 1 Month	\$ 25,112,500	\$ 478,331,250	\$ 191,700,481	\$ 478,331,250	\$ -	\$ -	\$ -	\$ -	
e.	> 1 Month to 3 Months	\$ 1,378,958,732	\$ 2,443,289,210	\$ 1,847,670,788	\$ 1,381,711,232	\$ -	\$ -	\$ -	\$ -	
f.	> 3 Months to 1 Year	\$ 2,518,781,700	\$ 4,217,378,750	\$ 3,068,496,660	\$ 3,009,547,950	\$ -	\$ -	\$ -	\$ -	
g.	> 1 Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

			THIRD Q	UARTER		FOURTH QUARTER				
		9	10	11	12	13	14	15	16	
				AVERAGE				AVERAGE		
				DAILY	ENDING			DAILY	ENDING	
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE	
a.	Open – No Maturity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
b.	Overnight	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
с.	2 Days to 1 Week	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
d.	> 1 Week to 1 Month	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
e.	> 1 Month to 3 Months	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
f.	> 3 Months to 1 Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
g.	> 1 Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

(4) The company did not have any repurchase agreements where securities sold and/or acquired resulted in default as of March 31, 2019.

(5) Securities "Sold" Under Repo - Secured Borrowing

			FIRST Q	UARTER		SECOND QUARTER				
		1	2	3	4	5	6	7	8	
				AVERAGE				AVERAGE		
				DAILY	ENDING			DAILY	ENDING	
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE	
a.	BACV	XXX	XXX	XXX	\$ 4,869,590,432	XXX	XXX	XXX	\$ -	
b.	Nonadmitted - Subset of BACV	XXX	xxx	xxx	\$ -	xxx	ххх	xxx	\$ -	
c.	Fair Value	\$ 4,784,106,400	\$ 6,685,780,461	\$ 5,107,867,929	\$ 4,869,590,432	\$ -	\$ -	\$ -	\$ -	

			THIRD Q	UARTER		FOURTH QUARTER			
		9	10	11	12	13	14	15	16
				AVERAGE				AVERAGE	
				DAILY	ENDING			DAILY	ENDING
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE
a.	BACV	XXX	XXX	XXX	\$ -	XXX	XXX	XXX	\$ -
b.	Nonadmitted - Subset of BACV	XXX	XXX	xxx	\$ -	ххх	ххх	xxx	\$ -
c.	Fair Value	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(6) Securities Sold Under Repo – Secured Borrowing by NAIC Designation

ENDING BALANCE

		1	2	3	4	5	6	7	8 NON-
		NONE	NAIC 1	NAIC 2	NAIC 3	NAIC 4	NAIC 5	NAIC 6	ADMITTED
a.	Bonds - BACV	\$ -	\$ 4,869,590,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Bonds - FV	-	4,869,590,432	-	-	-	-	-	-
c.	LB & SS - BACV	-	-	-	-	-	-	-	-
d.	LB & SS - FV Preferred Stock -	-	-	-	-	-	-	-	-
e.	BACV	-	-	-	-	-	-	-	-
f.	Preferred Stock - FV	-	-	-	-	-	-	-	-
g.	Common Stock Mortgage Loans -	-	-	-	-	-	-	-	-
h.	BACŬ	-	-	-	-	-	-	-	-
i.	Mortgage Loans - FV	-	-	-	-	-	-	-	-
j.	Real Estate - BACV	-	-	-	-	-	-	-	-
k	Real Estate - FV	-	-	-	-	-	-	-	-
1.	Derivatives - BACV	-	-	-	-	-	-	-	-
m.	Derivatives - FV	-	-	-	-	-	-	-	-
n. o.	Other Invested Assets - BACV Other Invested Assets - FV	-		-	-				-
p.	Total Assets - BACV	\$ -	\$ 4,869,590,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
q.	Total Assets - FV	\$ -	\$ 4,869,590,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

p=a+c+e+g+h+j+l+n q=b+d+f+g+i+k+m+o

(7) Collateral Received – Secured Borrowing

			FIRST Q	UARTER		SECOND QUARTER			
		1	2	3	4	5	6	7	8
				AVERAGE				AVERAGE	
				DAILY	ENDING			DAILY	ENDING
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE
a.	Cash	\$ 6,100,802	\$ 23,884,197	\$ 12,360,041	\$ 14,619,197	\$ -	\$ -	\$ -	\$ -
b.	Securities (FV)	\$ 3,568,544,223	\$ 4,903,138,950	\$ 4,655,778,775	\$ 4,407,590,406	\$ -	\$ -	\$ -	\$ -

			THIRD Q	JARTER		FOURTH QUARTER			
		9	10	11	12	13	14	15	16
				AVERAGE				AVERAGE	
				DAILY	ENDING			DAILY	ENDING
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE
a. Cash	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b. Securi	ties (FV) \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(8) Cash & Non-Cash Collateral Received – Secured Borrowing by NAIC Designation

ENDING BALANCE

		1	2	3	4	5	6	7	8 DOES NOT QUALIFY AS
		NONE	NAIC 1	NAIC 2	NAIC 3	NAIC 4	NAIC 5	NAIC 6	ADMITTED
a. Cash		\$ 14,619,197	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b. Bonds - FV		-	4,407,590,406	-	-	-	-	-	-
c. LB & SS - FV		-	-	-	-	-	-	-	-
d. Preferred Stock	k - FV	-	-	-	-	-	-	-	-
e. Common Stock	k	-	-	-	-	-	-	-	-
f. Mortgage Loan	ns - FV	-	-	-	-	-	-	-	-
g. Real Estate - F	=V	-	-	-	-	-	-	-	-
h. Derivatives - FV		-	-	-	-	-	-	-	-
Other Invested i FV	d Assets	-	-	-	-	-	-	-	-
Total Collateral - FV (Sum of a	1		0 4 407 500 400						
 through i) 		\$ 14,619,197	\$ 4,407,590,406	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

(9) Allocation of Aggregate Collateral by Remaining Contractual Maturity

	FAIR VALUE
Overnight and	
a. Continuous	\$ 478,331,250
b. 30 Days or Less	\$ 2,069,928,200
c. 31 to 90 Days	\$ 2,321,330,982
d. > 90 Days	\$ -

(10) The company did not have any repurchase agreements where cash collateral received was reinvested as of March 31, 2019.

(11) Liability to Return Collateral - Secured Borrowing (Total)

			FIRST Q	UARTER		SECOND QUARTER				
		1	2	3	4	5	6	7	8	
				AVERAGE				AVERAGE		
				DAILY	ENDING			DAILY	ENDING	
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE	
a.	Cash (Collateral – All) Securities Collateral	\$ 6,100,802	\$ 23,884,197	\$ 12,360,041	\$ 14,619,197	\$ -	\$ -	\$ -	\$ -	
b.	(FV)	\$ 3,568,544,223	\$ 4,903,138,950	\$ 4,655,778,775	\$ 4,407,590,406	\$ -	\$ -	\$ -	\$ -	
			THIRD Q	UARTER		FOURTH QUARTER				
		9	10	11	12	13	14	15	16	
				AVERAGE				AVERAGE		
				DAILY	ENDING			DAILY	ENDING	
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE	
a.	Cash (Collateral – All) Securities Collateral	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
b.	(FV)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

- g. Reverse repurchase agreements transactions accounted for as secured borrowing: The Company did not have any reverse repurchase agreements transactions accounted for as secured borrowing.
- h. Repurchase agreements transactions accounted for as a sale: The Company did not have any repurchase agreements transactions accounted for as a sale.
- i. Reverse repurchase agreements transactions accounted for as a sale: The Company did not have any reverse repurchase agreements transactions accounted for as a sale.
- j. Real estate No change
- k. Low-Income Housing Tax Credit No change
- I. Restricted Assets No change
- m. Working capital finance investments: The Company did not invest in working capital finance investments.
- n. Offsetting and netting of assets and liabilities: The Company reports derivative and repurchase agreement assets and liabilities as gross in the financial statements without offsetting.
- o. Structured notes:

A structured note is a direct debt issuance by a corporation, municipality, or government entity, ranking pari-passu with the issuer's other debt issuance of equal seniority where either: (a) the coupon and/or principal payments are linked, in whole or in part, to prices or payment streams from index or indices, or assets deriving their value from other than the issuer's credit quality, or (b) the coupon and/or principal payments are leveraged by a formula that is different from either a fixed coupon, or a non-leveraged floating rate coupon linked to an interest rate index, including but not limited to the London Interbank Offered Rate (LIBOR) or the prime rate. As structured notes are issuer obligations without a trust, they are within the scope of SSAP No. 26, "Bonds, Excluding Loan-backed and Structured Securities". Structured notes are different than the asset backed structured securities, which are accounted for under SSAP No. 43R, "Revised - Loan-Backed and Structured Securities", as they lack either a trust or assets backing them. The disclosure below allows regulators to assess the volume of activity in structured notes and to determine whether additional accounting or reporting revisions, such as valuation and risk-based capital, are needed. To satisfy this request, the Company is required to separately identify structured notes, on a CUSIP basis and provide information by CUSIP for actual cost, fair value, book/adjusted carrying value, and whether the structured note is a mortgage-referenced security. The following sets forth the actual cost, fair value and carrying value of structured notes as of March 31, 2019:

CUSIP Identification	Actual Cost	Fair Value	Book / Adjusted Carrying Value	Mortgage- Referenced Security (YES/NO)
30711XDK7	\$ 223,984	\$ 218,892	\$ 222,430	YES
391164AF7	8,467,560	8,081,118	8,170,515	NO
P7794GAH5	1,262,834	1,292,156	1,273,047	NO
912810FR4	4,944,283	6,255,991	5,694,955	NO
912810PS1	1,874,118	2,710,983	2,359,867	NO
059514AC3	9,327,385	10,260,000	9,365,615	NO
Total	\$ 26,100,164	\$ 28,819,140	\$ 27,086,429	XXX

p. 5* Securities:

	Investment	Number of 5*	Securities	Aggregate	e BACV	Aggregate Fair Value		
		Current Year	Prior Year	Current Year	Prior Year	Current Year	Prior Year	
(1)	Bonds - AC	74	92	\$606,323,619	\$669,688,836	\$590,793,667	\$651,777,531	
(2)	LB&SS - AC	-	_	-	-	-	-	
(3)	Preferred Stock - AC	3	4	14,600,149	15,232,649	19,323,420	19,902,853	
(4)	Preferred Stock - FV	_	_	_	_	_	-	
(5)	Total (1+2+3+4)	77	96	\$620,923,768	\$684,921,485	\$610,117,087	\$671,680,384	

AC - Amortized Cost FV - Fair Value

q. Short Sales - The Company does not engage in short sale transactions.

r. Prepayment Penalty and Acceleration Fees:

	 Three Months Ended March 31, 2019					
	 General Account		Separate Account			
1. Number of CUSIPS	25		8			
2. Aggregate Amount of Investment Income	\$ 5,284,880	\$	669,049			

Note 6 - Joint Ventures, Partnerships and Limited Liability Companies - No change

Note 7 – Investment Income – No change

Note 8 – Derivative Instruments - No change

Note 9 - Income Taxes - No change

Note 10 – Information Concerning Parent, Subsidiaries and Affiliates

a-c. MMHLLC paid \$650,000,000 in dividends for the three months ended March 31, 2019, which were declared in December 2018, and recorded no dividends for the three months ended March 31, 2018.

MassMutual contributed additional capital of \$10,000,000 to MMHLLC for the three months ended March 31, 2019 and \$140,968,604 for the three months ended March 31, 2018.

In October 2018, MassMutual announced a transaction in which Invesco Ltd. (Invesco), a global asset manager, will acquire MassMutual's retail asset management affiliate, OppenheimerFunds, Inc (OFI). In turn, MassMutual is expected to receive an approximate 15.5% common equity interest in the combined company. Under the terms of the agreement, MassMutual and OFI employee shareholders will receive 81.9 million shares of Invesco common equity and \$3,948,653,000 in preferred shares with a fixed dividend rate of 5.9%. As part of this transaction, Invesco and MassMutual will enter into a shareholder agreement in which MassMutual will have customary minority shareholder rights, including appointment of a director to Invesco's board of directors. Pending regulatory and other customary approvals, the transaction is expected to close in the second quarter of 2019.

In February 2019, MassMutual purchased approximately \$570,000,000 of OFI seed capital investments, primarily in the form of common stocks – affiliated and novated the associated derivatives at fair market value.

- d-f. No change
- g. Subsidiaries of MMHLLC and MMI are involved in litigation and investigations arising in the ordinary course of their business, which seek compensatory damages, punitive damages and equitable remedies. Although the Company is not aware of any actions or allegations that reasonably could give rise to a material adverse impact to the Company's financial position or liquidity, the outcome of litigation cannot be foreseen with certainty. It is the opinion of management that the ultimate resolution of these matters will not materially impact the Company's financial position or liquidity. However, the outcome of a particular proceeding may be material to the Company's surplus for a particular period depending upon, among other factors, the size of the loss and the level of the Company's changes in surplus for the period.

The Company has no parent.

h-n. No change

Note 11 - Debt

- a. No change
- b. Federal Home Loan Bank agreements:
- (1) The Company is a member of the Federal Home Loan Bank of Boston (FHLB Boston). Through its membership, the Company has conducted business activity (borrowings) with the FHLB Boston. The Company uses these funding agreements with the FHLB Boston in an investment spread strategy, consistent with its other investment spread operations. The Company has determined the actual maximum borrowing capacity as \$2,000,000,000. The Company's unused capacity was \$894,076,887.51 as of March 31, 2019.
- (2) FHLB Boston capital stock
 - a. Aggregate totals:

		Ma	arch 31, 2	2019	
		1		2	3
		Total	G	enera	Separate
		2+3	A	ccount	Account
1.	Current Year:				
	(a) Membership stock - Class A	\$ -	\$	-	\$ -
	(b) Membership stock - Class B	10,000,000		10,000,000	-
	(c) Activity Stock	49,400,000		49,400,000	-
	(d) Excess Stock	 -		-	-
	(e) Aggregate Total	\$ 59,400,000	\$	59,400,000	\$ -
	(f) Actual or Estimated Borrowing Capacity				
	as Determined by the Insurer	\$ 2,000,000,000	\$ 2,0	000,000,000	\$ -
2.	Prior Year-end:				
	(a) Membership stock - Class A	\$ -	\$	-	\$ -
	(b) Membership stock - Class B	25,000,000		25,000,000	-
	(c) Activity Stock	48,700,000		48,700,000	-
	(d) Excess Stock	-		-	-
	(e) Aggregate Total	\$ 73,700,000	\$	73,700,000	\$ -
	(f) Actual or Estimated Borrowing Capacity				
	as determined by the Insurer	\$ 2,000,000,000	\$ 2,0	000,000,000	\$ -

b. Membership Stock (Class A and B) Eligible and Not Eligible for Redemption:

	Three Months Ended March 31, 2019										
		1	2		Eligible for Redemption						
					3		4		5		6
		Current	Not Eligible	L	.ess	6 Mo	onths	1 to	Less		
Me	embership	Year	for	Tł	nan 6	to L	ess	Th	an	3 t	o 5
	Stock	Total	Redemption	M	onths	Than 1 Year		3 Years		Years	
1.	Class A	\$	- \$ -	- \$	-	\$	-	\$	-	\$	-
2.	Class B	10,000,000) 10,000,000)	-		-		-		-

(3) Collateral pledged to FHLB:

- a. Amount pledged as of March 31, 2019:
 - 1. Current year total general and separate accounts:

	Fair	Carrying	A	Aggregate Total
	Value	Value		Borrowing
Total collateral pledged	\$ 1,584,377,212	\$ 1,214,272,061	\$	1,105,923,112

2. Current year general account:

	Fair	Carrying	Aggregate Total
	Value	Value	Borrowing
Total collateral pledged	\$ 1,584,377,212	\$ 1,214,272,061	\$ 1,105,923,112

Carrying

Value

Aggregate Total Borrowing

\$

3. Current year separate accounts:

Total collateral pledged

4. Prior year-end total general and separate accounts:

	Fair	Carrying	Aggregate Total		ggregate Total
	Value	Value			Borrowing
Total collateral pledged	\$ 1,585,921,118	\$ 1,217,470,617		\$	1,103,750,455

\$

Fair

Value

-

\$

- b. Maximum amount pledged for the three months ended March 31, 2019:
 - 1. Current year total general and separate accounts:

				Amount Borrowed			
Fair			Carrying	at Time of Maximum			
Value			Value	Collateral			
\$	1,640,573,775	\$	1,249,138,717	\$	1,107,980,442		

2. Current year general account:

Maximum collateral pledged

		Ar	mount Borrowed
Fair	Carrying	at 1	Time of Maximum
Value	Value		Collateral
\$ 1,640,573,775	\$ 1,249,138,717	\$	1,107,980,442

3. Current year separate accounts:

Maximum collateral pledged

Maximum collateral pledged

		Amount Borrowed
Fair	Carrying	at Time of Maximum
Value	Value	Collateral
\$ -	\$ -	\$ -

4. Prior year-end total general and separate accounts:

			A	mount Borrowed
	Fair	Carrying	at	Time of Maximum
	Value	Value		Collateral
Maximum collateral pledged	\$ 1,635,548,627	\$ 1,246,429,701	\$	1,103,750,455

(4) Borrowing from FHLB:

- a. Amount:
 - 1. Current year:

		March 3	1, 20	19		
	1	2		3		4
	Total	General	Se	parate	Fun	ding Agreements
	2+3	Account	Ac	count	Rese	erves Established
(a) Debt	\$ -	\$ -	\$	-	\$	-
(b) Funding agreements	1,105,923,112	1,105,923,112		-		1,105,923,112
(c) Other	-	-		-		-
(d) Aggregate total	\$ 1,105,923,112	\$ 1,105,923,112	\$	-	\$	1,105,923,112

2. Prior Year-end:

The Tear one.						
		Decembe	r 31, 2	018		
	1	2		3		4
	Total	General	Sep	oarate	Fun	ding Agreements
	2+3	Account	Aco	count	Rese	erves Established
(a) Debt	\$ -	\$ -	\$	-	\$	-
(b) Funding agreements	1,103,750,455	1,103,750,455		-		1,103,750,455
(c) Other	-	-		-		-
(d) Aggregate total	\$ 1,103,750,455	\$ 1,103,750,455	\$	-	\$	1,103,750,455

b. Maximum Amount:

1. 2. 3. 4

	Three Mont	Three Months Ended March 31, 2019											
	1	2	3										
	Total	General	Separate										
	2+3	Account	Account										
Debt	\$ -	\$ -	\$ -										
Funding	1,107,980,442	1,107,980,442	-										
Other	-	-	-										
Aggregate	\$ 1,107,980,442	\$ 1,107,980,442	\$ -										

c. FHLB - Prepayment Obligations:

		Does the company have prepayment obligations under the following
		arrangements (YES/NO)?
1.	Debt	N/A
2.	Funding agreements	NO
3.	Other	N/A

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans a. Defined Benefit Plan:

(1) The Company sponsors multiple employee benefit plans, providing retirement, life, health and other benefits to employees, certain employees of unconsolidated subsidiaries, agents, general agents and retirees who meet plan eligibility requirements.

(2-3) No change

					Т	hree Months Ende	d March 31,		
			 2019	2018		2019	2018	2019	2018
			Pensio	n		Postretirem	ient	Special or Contrac	tual Benefits
			 Benefit	S		Benefits	i	per SSAP I	No 11
(4)	Co	mponents of net periodic benefit cost							
	a.	Service cost	\$ 27,734,491 \$	28,191,975	\$	3,300,000 \$	3,175,000 \$	- \$	-
	b.	Interest cost	29,414,962	26,903,376		3,375,000	2,925,000	-	-
	c.	Expected return on plan assets	(39,876,773)	(42,877,100)		(25,000)	(25,000)	-	-
	d.	Transition asset or obligation	-	-		-	-	-	-
	e.	Gains and losses	14,123,368	13,699,267		(50,000)	575,000	-	-
	f.	Prior service cost or (credit)	-	780,671		(1,375,000)	(1,375,000)	-	-
	g.	Gain or loss recognized due to a							
		settlement or curtailment	 -	-		-	-	-	
	h.	Total net periodic benefit cost	\$ 31,396,048 \$	26,698,190	\$	5,225,000 \$	5,275,000 \$	- \$	-

(5-21) No change

b-i No change

Note 13 - Capital and Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganizations

(1-3) No change

(4) The Company is a mutual company, and as such does not pay stockholders' dividends.

(5-13) No change

а.

Note 14 – Liabilities, Contingencies and Assessments

Contingent commitments: In the normal course of business, the Company enters into funding agreements. On March 7, 2019, MassMutual entered into a Contingent Capital Facility Agreement (the Facility) with an unaffiliated entity, Harborwalk Funding Trust (the Trust). Subject to regulatory approval, under the Facility MassMutual has the right, and in certain circumstances the obligation, to issue up to \$800 million of surplus notes to the Trust in exchange for all or a pro rata portion of certain principal and interest strips of U.S. Treasury Securities held by the Trust. MassMutual is required to pay a facility fee of approximately 2.00% per year to the Trust on the undrawn portion of the Facility (totaling approximately \$16 million per year if the Facility remains undrawn) and certain additional administrative fees and expenses.

- b. Assessments - No change
- Gain contingencies No change c.
- Claims related to extra contractual obligations No change d.
- Joint and several liabilities No change e.
- All other contingencies: f.

In the normal course of business, the Company is involved in disputes, litigation and governmental or regulatory inquiries, administrative proceedings, examinations and investigations, both pending and threatened. These matters, if resolved adversely against the Company or settled, may result in monetary damages, fines and penalties or require changes in the Company's business practices. The resolution or settlement of these matters is inherently difficult to predict. Based upon the Company's assessment of these pending matters, the Company does not believe that the amount of any judgment, settlement or other action arising from any pending matter is likely to have a material adverse effect on the statement of financial position. However, an adverse outcome in certain matters could have a material adverse effect on the results of operations for the period in which such matter is resolved, or an accrual is determined to be required, on the financial statement financial position, or on our reputation.

The Company evaluates the need for accruals of loss contingencies for each matter. When a liability for a matter is probable and can be estimated, the Company accrues an estimate of the loss and any related insurance recoveries, if any. An accrual is subject to subsequent adjustment as a result of additional information and other developments. The resolution of matters are inherently difficult to predict, especially in the early stages of matter. Even if a loss is probable, due to many complex factors, such as speed of discovery and the timing of court decisions or rulings, a loss or range of loss may not be reasonably estimated until the later stages of the matter. For matters where a loss is material and it is either probable or reasonably possible then it is disclosed. For matters where a loss may be reasonably possible, but not probable, or is probable but not reasonably estimated, no accrual is established, but the matter, if material, is disclosed.

Note 15 - Leases - No change

Note 16 – Information About Financial Instruments With Off-Balance Sheet Risk and Financial Instruments With Concentrations of Credit Risk - No change

Note 17 – Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

a. Transfers of receivables reported as sales - No change

- Transfer and servicing of financial assets: b. No change (1)
 - (2)The Company did not have any servicing assets or liabilities in 2019 or 2018.
 - (3)No change
 - (4) The Company did not have interests that continue to be held by a transferor in securitized financial assets in 2019 or 2018.
 - (5-7) No change
- Wash sales С
 - In the course of the Company's investment management activities, securities may be sold and reacquired within 30 days to (1)enhance the Company's yield on its investment portfolio.
 - (2)The Company did not sell any securities with the NAIC Designation 3 or below, or unrated, through the three months ended March 31, 2019 that were reacquired within 30 days of the sale date.

Note 18 - Gain or Loss to the Reporting Entity from Uninsured Plans and the Uninsured Portion of Partially Insured Plans - No change

Note 19 - Direct Premium Written/Produced By Managing General Agents/Third Party Administrators - No change

Note 20 – Fair Value Measurements a. Fair value is defined as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The authoritative guidance around fair value establishes a measurement framework that includes a hierarchy used to classify the inputs used in measuring fair value. The hierarchy prioritizes the inputs to valuation techniques into three levels. Each level reflects a unique description of the inputs that are significant to the fair value measurements. The levels of the fair value hierarchy are as follows:

Level 1 – Observable inputs in the form of quoted prices for identical instruments in active markets.

Level 2 - Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active or other inputs that are observable or can be derived from observable market data for substantially the full term of the assets or liabilities.

Level 3 – One or more unobservable inputs that are supported by little or no market activity and are significant to the fair value of the assets or liabilities. Level 3 assets and liabilities include financial instruments whose value is determined using internal models, as well as instruments for which the determination of fair value requires significant management judgment or estimation.

When available, the Company generally uses unadjusted quoted market prices from independent sources to determine the fair value of investments, and classifies such items within Level 1 of the fair value hierarchy. If quoted prices are not available, prices are derived from observable market data for similar assets in an active market or obtained directly from brokers for identical assets traded in inactive markets. Investments that are priced using these inputs are classified within Level 2 of the fair value hierarchy. When some of the necessary observable inputs are unavailable, fair value is based upon internally developed models. These models use inputs not directly observable or correlated with observable market data. Typical inputs, which are integrated in the Company's internal discounted cash flow models and discounted earnings models include, but are not limited to, issuer spreads derived from internal credit ratings and benchmark yields such as the LIBOR, cash flow estimates and earnings before interest, taxes, depreciation and amortization estimates. Investments that are priced with such unobservable inputs are classified within Level 3 of the fair value hierarchy.

The Company has established and maintains policies and guidelines that govern its valuation methodologies and their consistent application. These policies and guidelines address the use of inputs, price source hierarchies and provide controls around the valuation processes. These controls include appropriate review and analysis of prices against market activity or indicators for reasonableness, approval of price source changes, price overrides, methodology changes and classification of fair value hierarchy levels. The valuation policies and guidelines are reviewed and updated as appropriate.

Annually, the Company reviews the primary pricing vendor to validate that the inputs used in that vendor's pricing process are deemed to be market observable as defined above. While the Company was not provided access to proprietary models of the vendor, the reviews have included on-site walk-throughs of the pricing process, methodologies and control procedures for each asset class and level for which prices are provided. The review also included an examination of the underlying inputs and assumptions for a sample of individual securities across asset classes. In addition, the Company and its pricing vendors have an established challenge process in place for all security valuations, which facilitates identification and resolution of prices that fall outside expected ranges. The Company believes that the prices received from the pricing vendors are representative of prices that would be received to sell the assets at the applicable measurement date (exit prices) and are classified appropriately in the hierarchy.

The fair value of group annuity contracts and other deposits is determined by multiplying the book value of the contract by an average market value adjustment factor. The market value adjustment factor is directly related to the difference between the book value of client liabilities and the present value of installment payments discounted at current market value yields. The market value yield is measured by the Bloomberg Barclays Global-Aggregate Total Return Index, subject to certain adjustments, and the installment period is equivalent to the duration of the Company's invested asset portfolio.

The fair value of individual annuity and supplementary contracts is determined using one of several methods based on the specific contract type. For short-term contracts, generally less than 30 days, the fair value is assumed to be the book value. For contracts with longer durations, guaranteed interest contracts and investment-type contracts, the fair value is determined by calculating the present value of future cash flows discounted at current market interest rates, the risk-free rate or a current pricing yield curve based on pricing assumptions using assets of a comparable corporate bond quality. Annuities receiving dividends are accumulated at the average minimum guaranteed rate and discounted at the risk-free rate. All others are valued using cash flow projections from the Company's asset-liability management analysis.

(1) The following presents the Company's fair value hierarchy for assets and liabilities that are carried at fair value:

					Ma	arch 31, 2019				
						,	Ne	t Asset Value		
		Level 1		Level 2		Level 3		(NAV)		Total
Financial assets:										
Bonds:	۴	40.000.000	¢	400,400,000	¢	44 000 000	۴		¢	450 504 507
Industrial and miscellaneous	\$	10,032,962	\$	102,429,282	\$	41,039,293	\$	-	\$	153,501,537
Parent, subsidiaries and affiliates		-		74,016,388		56,558,141		-		130,574,529
Preferred stocks		-		-		10,648,298		-		10,648,298
Common stock - subsidiaries and affiliates		807,968,098		-		116,267,531		-		924,235,629
Common stock - unaffiliated		243,827,897		-		233,512,610		-		477,340,507
Derivatives:										
Interest rate swaps		-		7,232,747,053		-		-		7,232,747,053
Options		-		740,318,931		-		-		740,318,931
Currency swaps		-		708,078,508		-		-		708,078,508
Forward contracts		-		67,662,234		_		_		67,662,234
Credit default swaps		-		1		-		-		1
Financial futures		_		130,443,920		-		-		130,443,920
Separate account assets		45,376,143,340		23,276,600,473		420,167,703		_		69,072,911,516
Total financial assets carried		, , ,		,,,		,,				,,,
at fair value	\$	46,437,972,297	\$	32,332,296,790	\$	878,193,576	\$	_	\$	79,648,462,663
Financial liabilities:										
Interest rate swaps	\$	_	\$	5,397,722,891	\$	_	\$	_	\$	5,397,722,891
Options		-		1,923,923		-		-		1,923,923
Currency swaps		-		228,593,289		-		-		228,593,289
Forward contracts		-		36,521,598		-		-		36,521,598
Credit default swaps		-		103,928		-		-		103,928
Financial futures		-		22,302,069		-		-		22,302,069
Total financial liabilities carried at fair value	\$	-	\$	5,687,167,698	\$	-	\$	-	\$	5,687,167,698

The Company reviews the fair value hierarchy classifications each reporting period. Changes in the observability of the valuation attributes and the level of market activity may result in a reclassification of certain financial assets or liabilities between fair value hierarchy classifications. Such reclassifications are reported as transfers between levels at the beginning fair value for the reporting period in which the changes occur. For the period ended March 31, 2019, there were no significant transfers between Level 1 and Level 2 and the Company does not have any financial instruments that were carried at NAV as a practical expedient.

			Dec	ember 31, 2018			
					Ν	et Asset Value	
	Level 1	Level 2		Level 3		(NAV)	Total
Financial assets:							
Bonds:							
Special revenue	\$ -	\$ 50,382	\$	-	\$	-	\$ 50,382
Industrial and miscellaneous	10,043,280	29,538,778		63,859,896		-	103,441,954
Parent, subsidiaries and affiliates	-	81,533,868		65,576,875		-	147,110,743
Preferred stocks	-	-		287,758		-	287,758
Common stock - subsidiaries and affiliates	233,070,805	-		164,920,846		-	397,991,651
Common stock - unaffiliated	194,455,569	-		305,537,860		-	499,993,429
Derivatives:							
Interest rate swaps	-	6,629,062,841		-		-	6,629,062,841
Options	-	910,876,374		-		-	910,876,374
Currency swaps	-	843,350,847		-		-	843,350,847
Forward contracts	-	106,021,420		-		-	106,021,420
Interest rate caps and floors	-	18,142,286		-		-	18,142,286
Financial futures	-	215,810,517		-		-	215,810,517
Separate account assets	41,358,963,395	22,568,484,678		550,652,512		-	64,478,100,585
Total financial assets carried							
at fair value	\$ 41,796,533,048	\$ 31,402,871,990	\$	1,150,835,747	\$	-	\$ 74,350,240,785
Financial liabilities:							
Derivatives:							
Interest rate swaps	\$ -	\$ 4,646,939,586	\$	-	\$	-	\$ 4,646,939,586
Options	-	4,556,715		-		-	4,556,715
Currency swaps	-	231,601,523		-		-	231,601,523
Forward contracts	-	12,189,652		-		-	12,189,652
Credit default swaps	-	117,646		-		-	117,646
Financial futures	-	15,090,134		-		-	15,090,134
Total financial liabilities carried							
at fair value	\$ -	\$ 4,910,495,256	\$	-	\$	-	\$ 4,910,495,256

For the year ended December 31, 2018, \$298,342,115 of unaffiliated common stock were transferred from Level 2 to Level 1.

(2) The following presents changes in the Company's Level 3 financial instruments that are carried at fair value:

		Balance as of	Transf	ers ⁽¹⁾	(Gains Losses) in	Gains (Losses) in								Balance as of
	(01/01/2019	In	Out	1	let Income	Surplus		Purchases		ssuances	Sales	5	Settlements	3/31/2019
Financial assets:															
Bonds:															
Industrial and miscellaneous	\$	63,859,896	\$ 1,777,778	\$ (11,838,025)	\$	1,435,856	\$ (1,673,762)	\$	-	\$	-	\$ -	\$	(12,522,448)	\$ 41,039,295
Parent, subsidiaries															
and affiliates		65,576,875	-	(8,120,000)		-	(898,734)		-		-	-		-	56,558,141
Preferred stock		287,758	10,380,422	-		-	(19,882)		-		-	-		-	10,648,298
Common stock - subsidiaries															
and affiliates		164,920,846	-	-		824,411	(46,034,063)		-		-	-		(3,443,665)	116,267,529
Common stock - unaffiliated		305,537,860	-	(596)		10,729,583	(23,924,985)		2,000,344		-	(60,829,596)		-	233,512,610
Derivatives:															
Separate account assets		550,652,512	-	-		11,587,055	-		11,865		-	(142,043,300)		(40,429)	420,167,703
Total financial assets	\$ 1	,150,835,747	\$ 12,158,200	\$ (19,958,621)	\$	24,576,905	\$ (72,551,426)	s	2,012,209	s	-	\$ (202,872,896)	\$	(16,006,542)	\$ 878,193,576

⁽¹⁾Level 3 transfers include assets that are consistently carried at fair value but have had a level change, are no longer carried at fair value, or have just begun to be carried at fair value, such as assets with no level changes but a change in the lower of cost or market carrying basis. Industrial and miscellaneous bonds in other transfers are assets that are no longer carried at fair value.

	 Balance as of 01/01/2018	Trans In	fers	1) Out	 Gains Losses) in let Income	Gains (Losses) in Surplus	Purchases	ssuances	Sales	ę	Settlements	Balance as of 12/31/2018
Financial assets: Bonds:												
Pontos. Industrial and miscellaneous Parent, subsidiaries, and affiliates Preferred Stock Common stock - subsidiaries	\$ 55,266,237 60,662,659 1,510,480	\$ 26,264,839 4,823,319	\$	(1,510,480)	\$ (4,286,686) 4,095,453	\$ (5,094,597) (7,905,019) (258,495)	\$ 28,095 9,443,000 -	\$ 1,149,829 546,253	\$ -	\$	(9,467,821) (5,542,537)	\$ 63,859,896 65,576,875 287,758
and affiliates Common stock - unaffiliated Derivatives:	109,665,674 310,576,050	13,222,371 8		-	493,096 5,907,774	19,959,607 13,633,102	15,219,962 16,475,759	6,360,136 2,685,166	(133,809)		(43,606,190)	164,920,846 305,537,860
Separate account assets	 1,255,252 709,516,352	-		(1,255,252)	7,025,543	-	- 112,288,189	-	(277,950,548)		(227,024)	550,652,512
Total financial assets	\$ 1,248,452,704	\$ 44,310,537	\$	(2,765,732)	\$ 13,235,180	\$ 20,334,598	\$ 153,455,005	\$ 10,741,384	\$ (278,084,357)	\$	(58,843,572)	\$ 1,150,835,747
Financial liabilities: Derivatives:												
Currency swaps	\$ 193,806 8,432,028	\$ -	\$	(193,806) (8,432,028)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	\$ -
Total financial liabilities	\$ 8,625,834	\$ 	\$	(8,625,834)	\$ 	\$ 	\$ 	\$ <u> </u>	\$ -	\$	<u> </u>	\$ <u> </u>

⁽¹⁾Level 3 transfers include assets that are consistently carried at fair value but have had a level change, are no longer carried at fair value, or have just begun to be carried at fair value, such as assets with no level changes but a change in the lower of cost or market carrying basis. The common stock unaffiliated assets were transferred from Level 2 to Level 3 due to a change in the observability of pricing inputs.

(3) The Company reviews the fair value hierarchy classifications at each reporting period. Overall, reclassifications between levels occur when there are changes in the observability of inputs and market activity used in the valuation of a financial asset or liability. Such reclassifications are reported as transfers between levels at the beginning fair value for the reporting period in which the changes occur. Given the types of assets classified as Level 1 (primarily equity securities and mutual fund investments), transfers between Level 1 and Level 2 measurement categories are expected to be infrequent. Transfers into and out of Level 3 are summarized in the schedule of changes in Level 3 assets and liabilities.

(4) Valuation Techniques and Inputs

The Company determines the fair value of its investments using primarily the market approach or the income approach. The use of quoted prices for identical assets and matrix pricing or other similar techniques are examples of market approaches, while the use of discounted cash flow methodologies is an example of the income approach. The Company attempts to maximize the use of observable inputs and minimize the use of unobservable inputs in selecting whether the market or the income approach is used.

A description of the significant valuation techniques and inputs to the determination of estimated fair value for the more significant asset and liability classes measured at fair value on a recurring basis and categorized within Level 2 and Level 3 of the fair value hierarchy is as follows:

Separate account assets - These assets primarily include bonds (industrial and miscellaneous; U.S. government and agencies) and derivatives. Their fair values are determined as follows:

Bonds (Industrial and miscellaneous) - These securities are principally valued using the market or the income approaches. Level 2 valuations are based primarily on quoted prices in markets that are not active, broker quotes, matrix pricing or other similar techniques that use standard market observable inputs such as benchmark yields, spreads versus benchmark yields, new issuances, issuer ratings, duration, and trades of identical or comparable securities. Privately placed securities are valued using discounted cash flow models using standard market observable inputs, and inputs derived from, or corroborated by, market observable data including market yield curve, duration, call provisions, observable prices and spreads for similar publicly traded or privately traded issuances that incorporate the credit quality and industry sector of the issuer. This level also includes securities priced by independent pricing services that use observable inputs. Valuations based on matrix pricing or other similar techniques that utilize significant unobservable inputs or inputs that cannot be derived principally from, or corroborated by, observable market data, including adjustments for illiquidity, delta spread adjustments or spreads to reflect industry trends or specific credit–related issues are classified as Level 3. In addition, inputs including quoted prices for identical or similar securities that are less liquid and based on lower levels of trading activity than securities classified in Level 2 are classified as Level 3.

Bonds (U.S. government and agencies) - These securities are principally valued using the market approach. Level 2 valuations are based primarily on quoted prices in markets that are not active, or using matrix pricing or other similar techniques using standard market observable inputs such as the benchmark U.S. Treasury yield curve, the spreads versus the U.S. Treasury yield curve for the identical security and comparable securities that are actively traded.

Derivative assets and liabilities - These financial instruments are primarily valued using the market approach. The estimated fair value of derivatives is based primarily on quotations obtained from counterparties and independent sources, such as quoted market values received from brokers. These quotations are compared to internally derived prices and a price challenge is lodged with the counterparties and an independent source when a significant difference cannot be explained by appropriate adjustments to the internal model. When quoted market values are not reliable or available, the value is based upon an internal valuation process using market observable inputs that other market participants would use. Significant inputs to the valuation of derivative financial instruments include overnight index swaps and LIBOR basis curves, interest rate volatility, swap yield curve, currency spot rates, cross currency basis curves and dividend yields. Due to the observability of the significant inputs to these fair value measurements, they are classified as Level 2.

The use of different assumptions or valuation methodologies may have a material impact on the estimated fair value amounts. For the periods presented, there were no significant changes to the Company's valuation techniques.

- (5) Derivative assets and liabilities fair value disclosures on a gross basis are included in paragraph 1 above. Since there are no derivative assets or liabilities classified in Level 3, the reconciliation disclosures required under paragraphs 2 through 4 are not applicable.
- b. The Company provides additional fair value information in Note 21. "Other Items".

c. The following presents a summary of the carrying values and fair values of the Company's financial instruments:

			March 3	1, 2019			
_						Net Asset	Not Practicable
	Aggregate	Admitted				Value	(Carrying
	Fair Value	Assets	Level 1	Level 2	Level 3	(NAV)	Value)
Financial assets:							
Bonds:							
U. S. government and agencies \$	5,839,980,861 \$	5,410,894,820	\$-\$	5,839,551,327	\$ 429,534	\$ -	\$ -
All other governments	1,710,116,657	1,642,833,016	-	1,642,006,872	68,109,785	-	-
States, territories and possessions	657,818,987	612,747,194	-	657,818,987	-	-	-
Political subdivisions	583,166,843	545,674,452	-	583,166,843	-	-	-
Special revenue	6,620,428,852	5,993,053,722	-	6,610,828,934	9,599,918	-	-
Industrial and miscellaneous	78,963,325,815	77,081,681,605	10,032,962	45,575,317,546	33,377,975,307	-	-
Parent, subsidiaries and affiliates	7,106,280,869	6,983,821,110	-	1,235,880,273	5,870,400,596	-	-
Preferred stocks	756,010,451	747,799,878	11,265,036	-	744,745,415	-	-
Common stocks - subsidiaries							
and affiliates ⁽¹⁾	924,235,628	924,235,628	807,968,097	-	116,267,531	-	-
Common stocks - unaffiliated	477,340,507	477,340,507	243,827,897	-	233,512,610	-	-
Mortgage loans - commercial	23,871,445,655	23,123,368,381	-	-	23,871,445,655	-	-
Mortgage loans - residential	1,238,909,002	1,278,946,188	-	-	1,238,909,002	-	-
Cash, cash equivalents and							
short-term investments	3,416,464,421	3,416,464,421	214,455,273	3,202,009,148	-	-	-
Derivatives:							
Interest rate swaps	7,459,499,150	7,230,257,053	-	7,459,499,150	-	-	-
Options	742,808,930	742,808,930	-	742,808,930	-	-	-
Currency swaps	708,078,509	708,078,509	-	708,078,509	-	-	-
Forward contracts	74,707,574	67,662,235	-	74,707,574	-	-	-
Credit default swaps	7,036,375	18,842,502	-	7,036,375	-	-	-
Financial futures	130,443,920	130,443,920	-	130,443,920	-	-	-
Separate account assets	69,072,911,514	69,072,911,514	45,376,143,338	23,276,600,473	420,167,703	-	-
Financial liabilities:							
Repurchase agreements	4,391,259,182	4,391,259,182	-	4,391,259,182	-	-	-
Commercial paper	249,786,188	249,786,188	-	249,786,188	-	-	-
Guaranteed interest contracts	9,663,335,604	9,656,534,096	-	-	9,663,335,604	-	-
Group annuity contracts and							
other deposits	17,820,904,973	17,906,398,435	-	-	17,820,904,973	-	-
Individual annuity contracts	8,112,146,915	9,000,019,152	-	-	8,112,146,915	-	-
Supplementary contracts	1,176,411,686	1,177,513,085	-	-	1,176,411,686	-	-
Derivatives:							
Interest rate swaps	5,862,173,034	5,397,722,891	-	5,862,173,034	-	-	-
Options	1,923,923	1,923,923	-	1,923,923	-	-	-
Currency swaps	228,593,289	228,593,289	-	228,593,289	-	-	-
Forward contracts	52,143,618	36,521,598	-	52,143,618	-	-	-
Credit default swaps	1,264,445	912,506	-	1,264,445	-	-	-
Financial futures	22,302,069	22,302,069		22,302,069			

⁽¹⁾Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had a statutory carrying value of \$10,635,934,198.

	December 31, 2018						
-	Aggregate	Admitted				Net Asset Value	Not Practicable (Carrying
	Fair Value	Assets	Level 1	Level 2	Level 3	(NAV)	Value)
Financial assets: Bonds:							
U. S. government and agencies \$	6,193,428,890 \$	5,854,233,662 \$	- \$	6,192,947,715	\$ 481,174	\$ -	\$ -
All other governments	1,480,982,279	1,486,656,995	-	1,414,689,011	66,293,268	-	-
States, territories and possessions	646,576,736	613,530,541	-	646,576,736	-	-	-
Political subdivisions	571,557,366	547,158,039	-	571,557,366	-	-	-
Special revenue	6,420,868,430	5,927,223,715	-	6,411,389,089	9,479,341	-	-
Industrial and miscellaneous	74,537,526,494	75,125,303,136	10,043,280	42,694,321,928	31,833,161,285	-	-
Parent, subsidiaries and affiliates	7,570,106,836	7,526,017,122	-	1,171,337,829	6,398,769,007	-	-
Preferred stocks	733,775,843	744,092,065	11,668,660	-	722,107,184	-	-
Common stock - subsidiaries							
and affiliates ⁽¹⁾	397,991,651	397,991,651	233,070,805	-	164,920,846	-	-
Common stock - unaffiliated	499,993,428	499,993,428	194,455,569	-	305,537,860	-	-
Mortgage loans - commercial	22,793,945,324	22,357,118,876	-	-	22,793,945,324	-	-
Mortgage loans - residential	1,210,675,405	1,266,688,652	-	-	1,210,675,405	-	-
Cash, cash equivalents and							
short-term investments	4,318,003,746	4,318,003,746	175,136,350	4,142,867,396	-	-	-
Derivatives:							
Interest rate swaps	6,858,304,938	6,629,062,841	-	6,858,304,938	-	-	-
Options	910,876,374	910,876,374	-	910,876,374	-	-	-
Currency swaps	843,350,847	843,350,847	-	843,350,847	-	-	-
Forward contracts	113,066,759	106,021,420	-	113,066,759	-	-	-
Credit default swaps	6,238,219	18,044,346	-	6,238,219	-	-	-
Financial futures	215,810,517	215,810,517	-	215,810,517	-	-	-
Separate account assets	64,478,100,587	64,478,100,587	41,358,963,394	22,568,484,678	550,652,512	-	-
Financial liabilities:							
Repurchase agreements	4,768,493,900	4,768,493,900	-	4,768,493,900	-	-	-
Commercial paper	249,786,188	249,786,188	-	249,786,188	-	-	-
Guaranteed investment contracts	8,728,933,859	8,824,880,908	-	-	8,728,933,859		
Group annuity contracts							
and other deposits	17,950,757,186	17,863,326,686	-	-	17,950,757,186	-	-
Individual annuity contracts	8,925,311,575	8,130,925,014	-	-	8,925,311,575	-	-
Supplementary contracts	1,179,488,114	1,178,326,789	-	-	1,179,488,114	-	-
Derivatives:							
Interest rate swaps	5,111,389,729	4,646,939,586	-	5,111,389,729	-	-	-
Options	4,556,715	4,556,715	-	4,556,715	-	-	-
Currency swaps	231,601,523	231,601,523	-	231,601,523	-	-	-
Forward contracts	27,811,672	12,189,652	-	27,811,672	-	-	-
Credit default swaps	1,957,447	1,605,508	-	1,957,447	-	-	-
Financial futures	15,090,134	15,090,134		15,090,134			

⁽¹⁾Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had statutory carrying values of \$10,347,741,501.

d. As of March 31, 2019 and December 31, 2018, the Company had no investments where it was not practicable to estimate fair value.

Note 21 – Other Items

- a. Unusual or infrequent items No change
- b. Troubled debt restructuring No change
- c. Other disclosures and unusual items:

Business risks

The Company operates in a business environment subject to various risks and uncertainties. The principal risks include insurance and underwriting risks, investment and interest rate risks, currency exchange risk and credit risk. The combined impact of these risks could have a material, adverse effect on the Company's financial statements or result in operating losses in future periods. The Company employs the use of reinsurance, portfolio diversification, asset/liability management processes and other risk management techniques to mitigate the impact of these risks. This condensed risks and uncertainties disclosure should be read in conjunction with the disclosure in the Company's 2017 Annual Statement.

Insurance and underwriting risks

The Company prices its products based on estimated benefit payments reflecting assumptions with respect to mortality, morbidity, longevity, persistency, interest rates and other factors. If actual policy experience emerges that is significantly and adversely different from assumptions used in product pricing, the effect could be material to the profitability of the Company. For participating whole life products, the Company's dividends to policyholders primarily reflect the difference between actual investment, mortality, expense and persistency experience and the experience embedded in the whole life premiums and guaranteed elements. The Company also reinsures certain life insurance and other long-term care insurance policies to mitigate the impact of its underwriting risk.

Investment and interest rate risks

The fair value, cash flows and earnings of investments can be influenced by a variety of factors including changes in interest rates, credit spreads, equity markets, portfolio asset allocation and general economic conditions. The Company employs a rigorous asset/liability management process to help mitigate the economic impacts of various investment risks, in particular interest rate risk. By effectively matching the market sensitivity of assets with the liabilities they support, the impact of interest rate changes is addressed, on an economic basis, as the change in the value of the asset is offset by a corresponding change in the value of the supported liability. The Company uses derivatives, such as interest rate swaps and swaptions, as well as synthetic assets to reduce interest rate and duration imbalances determined in asset/liability analyses.

The levels of U.S. interest rates are influenced by U.S. monetary policies and by the relative attractiveness of U.S. markets to investors versus other global markets. As interest rates increase, certain debt securities may experience amortization or prepayment speeds that are slower than those assumed at purchase, impacting the expected maturity of these securities and the ability to reinvest the proceeds at the higher yields. Rising interest rates may also result in a decrease in the fair value of the investment portfolio. As interest rates decline, certain debt securities may experience accelerated amortization and prepayment speeds than what was assumed at purchase. During such periods, the Company is at risk of lower net investment income as it may not be able to reinvest the proceeds at comparable yields. Declining interest rates may also increase the fair value of the investment portfolio.

Interest rates also have an impact on the Company's products with guaranteed minimum payouts and on interest credited to account holders. As interest rates decrease, investment spreads may contract as crediting rates approach minimum guarantees, resulting in an increased liability.

In periods of increasing interest rates, policy loans, surrenders and withdrawals may increase as policyholders seek investments with higher perceived returns. This could result in cash outflows requiring the Company to sell invested assets at a time when the prices of those assets are adversely affected by the increase in market interest rates, which could cause the Company to realize investment losses.

Currency exchange risk

The Company has currency risk due to its non-U.S. dollar investments and medium-term notes along with its indirect international operations. The Company mitigates a portion of its currency risk through the use of cross-currency swaps and forward contracts. Cross-currency swaps are used to minimize currency risk for certain non-U.S. dollar assets and liabilities through a pre-specified exchange of interest and principal. Forward contracts are used to hedge movements in exchange rates.

Credit and other market risks

The Company manages its investments to limit credit and other market risks by diversifying its portfolio among various security types and industry sectors as well as purchasing credit default swaps to transfer some of the risk.

Stressed conditions, volatility and disruptions in global capital markets or in particular markets or financial asset classes can have an adverse effect on the Company, in part because the Company has a large investment portfolio and assets supporting the Company's insurance liabilities are sensitive to changing market factors. Global market factors, including interest rates, credit spread, equity prices, real estate markets, foreign currency exchange rates, consumer spending, business investment, government spending, the volatility and strength of the capital markets, deflation and inflation, all affect the business and economic environment and, ultimately, the profitability of the Company's business. Disruptions in one market or asset class can also spread to other markets or asset classes. Upheavals in the financial markets can also affect the Company's business through their effects on general levels of economic activity, employment and customer behavior.

Asset-based fees calculated as a percentage of the separate account assets are a source of revenue to the Company. Gains and losses in the investment markets may result in corresponding increases and decreases in the Company's separate account assets and related revenue.

Political Uncertainties

Political events, domestically or internationally, may directly or indirectly trigger or exacerbate the risk factors described above. Whether those underlying risk factors are driven by politics or not, the Company's dynamic approach to managing risks enables management to utilize the mitigating actions described above to attempt to reduce the potential impact of each underlying risk factor on the Company.

- d. Business interruption insurance recoveries No change
- e. State transferrable tax credits No change
- f. Subprime mortgage related risk exposure: (1) No change
 - (2) No change

(3) Direct exposure through other investments.

		March 31, 2019		Three Months Ended March 31, 2019
_	Actual	Carrying	Fair	
Alt-A:	Cost	Value	Value	OTTI
a. Residential mortgage-backed securities $\$$	209,565,315	\$ 247,261,655	\$ 284,803,959	\$ 97,539
b. Commercial mortgage-backed securities	-	-	-	-
 c. Collateralized debt obligations 	-	-	-	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	15,367,031	17,751,546	20,043,192	5,211
f. Other assets	-	-	-	-
g. Total <u>\$</u>	224,932,346	\$ 265,013,201	\$ 304,847,151	\$ 102,750

*The Company's SCA, C.M. Life, has investments in Alt-A and subprime mortgages, as does C.M. Life's SCA, MML Bay State. These investments comprise less than 1% of the Company's invested assets.

		D		Year Ended
	A	December 31, 2018		December 31, 2018
	Actual	Carrying	Fair	
Alt-A:	Cost	Value	Value	OTTI
a. Residential mortgage-backed securities \$	219,822,592	\$ 256,906,006	\$ 296,513,786	\$ 800,251
b. Commercial mortgage-backed securities	-	-	-	-
c. Collateralized debt obligations	-	-	-	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	16,095,268	18,430,722	20,861,741	76,979
f. Other assets	-	-	-	-
g. Total <u>\$</u>	235,917,860	\$ 275,336,728	\$ 317,375,527	\$ 877,230

*The Company's SCA, C.M. Life, has investments in Alt-A and subprime mortgages, as does C.M. Life's SCA, MML Bay State. These investments comprise less than 1% of the Company's invested assets.

- (4) The Company has no underwriting exposure to subprime mortgage risk through Mortgage Guaranty or Financial Guaranty insurance coverage.
- g. Retained asset accounts No change

Note 22 – Events Subsequent

Management of the Company has evaluated subsequent events through May 13, 2019, the date the financial statements were available to be issued to state regulators and subsequently on the Company's website. No events have occurred subsequent to the date of the Statements of Financial Position and before the date of evaluation that would require disclosure.

Note 23 - Reinsurance - No change

Note 24 - Retrospectively Rated Contracts and Contracts Subject to Redetermination

a – d. No change

e. The Company does not write any accident and health insurance premium that is subject to the Affordable Care Act risk-sharing provisions.

Note 25 – Change in Incurred Losses and Loss Adjustment Expenses

There was no increase to reserves in 2019 for incurred losses and loss adjustment expenses attributable to insured events of prior years, which considered corrections of prior year errors.

Note 26 - Intercompany Pooling Arrangements - No change

Note 27 - Structured Settlements - No change

- Note 28 Health Care Receivables No change
- Note 29 Participating Policies No change
- Note 30 Premium Deficiency Reserves No change

Note 31 - Reserves for Life Contracts and Annuity Contracts - No change

Note 32 - Analysis of Annuity Actuarial Reserves and Deposit Type Liabilities by Withdrawal Characteristics - No change

Note 33 - Premium and Annuity Considerations Deferred and Uncollected - No change

Note 34 - Separate Accounts - No change

Note 35 - Loss/Claim Adjustment Expenses - No change

GENERAL INTERROGATORIES

PART 1 - COMMON INTERROGATORIES

GENERAL

1.1	Did the reporting entity experience any material transactions requiring the filing of Di Domicile, as required by the Model Act?				Yes []	No [X]
1.2	.2 If yes, has the report been filed with the domiciliary state?					No []
2.1	Has any change been made during the year of this statement in the charter, by-laws reporting entity?				Yes []	No [X]
2.2	If yes, date of change:					
3.1	Is the reporting entity a member of an Insurance Holding Company System consistir is an insurer? If yes, complete Schedule Y, Parts 1 and 1A.				Yes [X]	No []
3.2	Have there been any substantial changes in the organizational chart since the prior		Yes []	No [X]		
3.3	If the response to 3.2 is yes, provide a brief description of those changes.					
3.4	Is the reporting entity publicly traded or a member of a publicly traded group?				Yes []	No [X]
3.5	If the response to 3.4 is yes, provide the CIK (Central Index Key) code issued by the	SEC for the entity/group				
4.1	Has the reporting entity been a party to a merger or consolidation during the period of If yes, complete and file the merger history data file with the NAIC for the annual film				Yes []	No [X]
4.2	If yes, provide the name of the entity, NAIC Company Code, and state of domicile (u ceased to exist as a result of the merger or consolidation.	se two letter state abbrev	riation) for any entity tha	t has		
	1 Name of Entity	2 NAIC Company Code	3 State of Domicile			
				İ		
5.	If the reporting entity is subject to a management agreement, including third-party ac in-fact, or similar agreement, have there been any significant changes regarding the If yes, attach an explanation.	dministrator(s), managing terms of the agreement of	general agent(s), attorr or principals involved?	ney- Yes [] No [X	(] N/A []
6.1	State as of what date the latest financial examination of the reporting entity was made	de or is being made			12/31	1/2014
6.2	State the as of date that the latest financial examination report became available fro date should be the date of the examined balance sheet and not the date the report				12/31	1/2014
6.3	State as of what date the latest financial examination report became available to oth the reporting entity. This is the release date or completion date of the examination redate).	eport and not the date of t	the examination (balanc	e sheet	06/30	0/2016
6.4	By what department or departments?					
6.5	Commonwealth of Massachusetts Division of Insurance Have all financial statement adjustments within the latest financial examination repo statement filed with Departments?	rt been accounted for in a	a subsequent financial	Yes [] No [] N/A [X]
6.6	Have all of the recommendations within the latest financial examination report been	complied with?		Yes [X] No [] N/A []
7.1	Has this reporting entity had any Certificates of Authority, licenses or registrations (in revoked by any governmental entity during the reporting period?				Yes []	No [X]
7.2	If yes, give full information:					
8.1	Is the company a subsidiary of a bank holding company regulated by the Federal Re	eserve Board?			Yes []	No [X]
8.2	If response to 8.1 is yes, please identify the name of the bank holding company.					
83	is the company affiliated with one or more banks, thrifts or securities firms?				Vec [X]	No []

8.4 If response to 8.3 is yes, please provide below the names and location (city and state of the main office) of any affiliates regulated by a federal regulatory services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptroller of the Currency (OCC), the Federal Deposit Insurance Corporation (FDIC) and the Securities Exchange Commission (SEC)] and identify the affiliate's primary federal regulator.

1	2	3	4	5	6
Affiliate Name	Location (City, State)	FRB	000	FDIC	SEC
Baring International Investment Limited	London, UK				YES
Barings Global Advisers Limited	London, UK				YES
Barings Securities, LLC	Charlotte, NC				YES
HarbourView Asset Management Corporation	New York, NY				YES
MML Distributors, LLC	Enfield, CT				YES
MML Investment Advisers, LLC	Enfield, CT				YES
MML Investors Services, LLC	Springfield, MA				YES
MML Strategic Distributors, LLC	Springfield, MA				YES
MMLISI Financial Alliances, LLC	Springfield, MA				YES
OC Private Capital, LLC	New York, NY				YES
OFI Advisors, Inc.	New York, NY				YES
OFI Global Asset Management, Inc.	New York, NY				YES
OFI Global Institutional, Inc.					YES
OFI Private Investments, Inc.	New York, NY				YES
OFI SteelPath, Inc.	Dallas, TX				YES
OppenheimerFunds Distributor, Inc.	New York, NY				YES
OppenheimerFunds Inc.	New York, NY				YES
	Enfield, CT		YES		

GENERAL INTERROGATORIES

	GENERAL INTERROGATORIES	
9.1	 Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons perform similar functions) of the reporting entity subject to a code of ethics, which includes the following standards? (a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and profession relationships; (b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity; (c) Compliance with applicable governmental laws, rules and regulations; (d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and (e) Accountability for adherence to the code. 	Yes [X] No []
9.11	If the response to 9.1 is No, please explain:	
9.2 9.21	Has the code of ethics for senior managers been amended? If the response to 9.2 is Yes, provide information related to amendment(s). Removed picture and quote of Scott Sebastian and replaced it with new quote and picture of Alison Weiss under Working with the government and third parties section.	
9.3 9.31	Have any provisions of the code of ethics been waived for any of the specified officers? If the response to 9.3 is Yes, provide the nature of any waiver(s).	Yes [] No [X]
	FINANCIAL	
10.1 10.2	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement? If yes, indicate any amounts receivable from parent included in the Page 2 amount:	Yes [X] No [] \$0
	INVESTMENT	
	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made availal use by another person? (Exclude securities under securities lending agreements.)	Yes [X] No []
	states, pledged as collateral - excluding collateral pledged to an FHLB and Pledged as collateral to FHLB - including assets backing fur agreements	ding
12.	Amount of real estate and mortgages held in other invested assets in Schedule BA:	
13.	Amount of real estate and mortgages held in short-term investments:	
14.1 14.2	If yes, please complete the following:	res [X] No []
11.2	1 Prior Year-End Book/Adjusted Carrying Value	Book/Adjusted
	Bonds	124 \$6,983,821,110
	Preferred Stock	
	Common Stock	
14.24	Short-Term Investments \$	\$
	All Other	
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)\$	
	Total Investment in Parent included in Lines 14.21 to 14.26 above	
	······································	······ T-····

 15.1
 Has the reporting entity entered into any hedging transactions reported on Schedule DB?
 Yes [X] No []

 15.2
 If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?
 Yes [X] No []

 If no, attach a description with this statement.
 Yes [X] No []

...\$...\$

..\$

16. For the reporting entity's security lending program, state the amount of the following as of the current statement date:

16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2.
16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2.

16.3 Total payable for securities lending reported on the liability page.

GENERAL INTERROGATORIES

Excluding items in Schedule E - Part 3 - Special Deposits, real estate, mortgage loans and investments held physically in the reporting entity's offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F. 17. Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook?.... For all agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following: 17.1

Yes [X] No []

Yes [] No [X]

Yes [X] No []

1	2
Name of Custodian(s)	Custodian Address
Citibank, N.A.	333 West 34th Street, New York, NY 10001
JP Morgan Chase Bank N.A.	1 Chase Manhattan Plaza, 19th Floor, New York, NY 10005
Northern Trust	50 South LaSalle Street. Chicago. IL 60603
State Street Global Services	

For all agreements that do not comply with the requirements of the NAIC Financial Condition Examiners Handbook, provide the name, 17.2 location and a complete explanation

1	2	3
Name(s)	Location(s)	Complete Explanation(s)

Have there been any changes, including name changes, in the custodian(s) identified in 17.1 during the current quarter? ... 173 17.4 If yes, give full information relating thereto:

1	2	3	4
Old Custodian	New Custodian	Date of Change	Reason

Investment management - Identify all investment advisors, investment managers, broker/dealers, including individuals that have the authority to 17.5 make investment decisions on behalf of the reporting entity. For assets that are managed internally by employees of the reporting entity, note as such. ["...that have access to the investment accounts"; "...handle securities"]

1	2
Name of Firm or Individual	Affiliation
Apollo Aviation Group Capital Markets LLC	U
OFI Institutional Asset Management, Inc.	A
Barings LLC	Α
Franklin Advisers, Inc.	U
Tortoise Capital Advisors, L.L.C.	
PIMCO- Pacific Investment Management Company LLC	U
Earnest Partners LLC	U
KA Fund Advisors LLC	U
IFM Investors Pty Ltd	U
Ashmore Investment Management Limited	U
Jefferies Finance LLC	A
20 Gates Management, LLC	U

17.5097 For those firms/individuals listed in the table for Question 17.5, do any firms/individuals unaffiliated with the reporting entity (i.e. Yes [] No [X] designated with a "U") manage more than 10% of the reporting entity's assets?

17.5098 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's assets?..... Yes [] No [X]

17.6 For those firms or individuals listed in the table for 17.5 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information for the table below.

1	2	3	4	5 Investment Management
Central Registration				Agreement
Depository Number		Legal Entity Identifier (LEI)	Registered With	(IMA) Filed
168456			SEC	. NO
110363	OFI Institutional Asset Management, Inc.		SEC	DS
106006	Barings LLC	R6ZXK5P01NP6HXSY1S07	SEC	DS
104517	Franklin Advisers, Inc		SEC	. NO
123711	Tortoise Capital Advisors, L.L.C.		SEC	NO
104559			SEC	NO
107926	Earnest Partners LLC		SEC	NO
141037	KA Fund Advisors LLC		SEC	NO
162754			SEC	NO
185402			SEC	NO
162264			SEC	DS
	20 Gates Management, LLC		SEC	NO
3.2 If no, list exceptions: At 3/31/2019, 61 issu issues currently lack	uirements of the Purposes and Procedures Manual of the NAIC es for 45 issuers did not meet the filing requirements of the Purp one or more of the following: Valid cusip/PPN, audited financial or 0.72% of all assets.	ooses and Procedures Manual.	The majority of these	es [] No [X
a. Documentation security is not b. Issuer or oblig	GI securities, the reporting entity is certifying the following element necessary to permit a full credit analysis of the security does n available. or is current on all contracted interest and principal payments. s an actual expectation of ultimate payment of all contracted into	ot exist or an NAIC CRP credit ra	-	

Has the reporting entity self-designated 5GI securities?

By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security: 20. a. The security was purchased prior to January 1, 2018.

b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.

c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
 d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.

Has the reporting entity self-designated PLGI securities? Yes [] No [X]

GENERAL INTERROGATORIES

PART 2 - LIFE AND ACCIDENT AND HEALTH COMPANIES/FRATERNAL BENEFIT SOCIETIES

Life and 1.	d Accident Health Companies/Fraternal Benefit Societies: Report the statement value of mortgage loans at the end of this reporting period for the following categories:	1 Amount
	1.1 Long-Term Mortgages In Good Standing	Anount
	1.11 Farm Mortgages	\$
	1.12 Residential Mortgages	\$1,278,946,065
	1.13 Commercial Mortgages	\$23, 123, 368, 504
	1.14 Total Mortgages in Good Standing	\$24,402,314,569
	1.2 Long-Term Mortgages In Good Standing with Restructured Terms	
	1.21 Total Mortgages in Good Standing with Restructured Terms	\$
	1.3 Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months	
	1.31 Farm Mortgages	\$
	1.32 Residential Mortgages	\$
	1.33 Commercial Mortgages	\$
	1.34 Total Mortgages with Interest Overdue more than Three Months	\$
	1.4 Long-Term Mortgage Loans in Process of Foreclosure	
	1.41 Farm Mortgages	\$
	1.42 Residential Mortgages	\$
	1.43 Commercial Mortgages	\$
	1.44 Total Mortgages in Process of Foreclosure	\$
1.5	Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)	\$ 24,402,314,569
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter	
	1.61 Farm Mortgages	\$
	1.62 Residential Mortgages	\$
	1.63 Commercial Mortgages	\$
	1.64 Total Mortgages Foreclosed and Transferred to Real Estate	\$
2.	Operating Percentages:	
	2.1 A&H loss percent	
	2.2 A&H cost containment percent	
	2.3 A&H expense percent excluding cost containment expenses	
3.1	Do you act as a custodian for health savings accounts?	Yes [] No [X]
3.2	If yes, please provide the amount of custodial funds held as of the reporting date	\$
3.3	Do you act as an administrator for health savings accounts?	Yes [] No [X]
3.4	If yes, please provide the balance of the funds administered as of the reporting date	\$
4.	Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states?	Yes [X] No []
4.1	If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of domicile of the reporting entity?	Yes [] No []
Fratern 5.1	al Benefit Societies Only: In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to establish had it retained the risks. Has this been done?	Yes [] No [] N/A []
5.2	If no, explain:	
6.1	Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus?	
6.2	If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?	

Date	Outstanding Lien Amount
	g

SCHEDULE S - CEDED REINSURANCE

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3	4	5	6	7	8	9
	-	ů.		Ũ	Ũ		°,	Effective
							Certified	Date of
NAIC					Type of		Reinsurer	Certified
Company	ID	Effective		Domiciliary	Reinsurance		Rating	Reinsurer
Code	Number	Date	Name of Reinsurer	Jurisdiction	Ceded	Type of Reinsurer	(1 through 6)	Rating
66346	58-0828824	01/23/2019	Munich American Reassurance (MUV5)	GA		Authorized		
66346	58-0828824		Munich American Reassurance (MUV6)	GA		Author i zed		
66346	58-0828824		Munich American Reassurance (MUV7)	GA		Author i zed		
66346	58-0828824		Munich American Reassurance (MUV8)	GA		Author i zed		
	63-0483783		Partner Re (PRPK)	AR		Author i zed		
	13-3126819		SCOR Global Life USA Reins Co (SUE9)	DE		Authorized		
	13-3126819		SCOR Global Life USA Reins Co (SUV5)	DE		Author i zed		
	13-3126819		SCOR Global Life USA Reins Co (SUV6)	DE		Author i zed		
97071	13-3126819		SCOR Global Life USA Reins Co (SUV7)	DE		Author i zed		
	13-3126819		SCOR Global Life USA Reins Co (SUV8)	DE		Author i zed		
	06-0839705		Swiss Re Life & Health America (SRE9)	MO		Author i zed		
82627	06-0839705		Swiss Re Life & Health America (SRV5)	MO		Author i zed		
82627	06-0839705		Swiss Re Life & Health America (SRV6)	MO		Author i zed		
82627	06-0839705		Swiss Re Life & Health America (SRV7)	MO		Author i zed		
82627	06-0839705	01/23/2019	Swiss Re Life & Health America (SRV8)	МО	C0/I	Author i zed		

STATEMENT AS OF MARCH 31, 2019 OF THE Massachusetts Mutual Life Insurance Company SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS

	C	urrent Year	To Date - Alloca	ated by States a		iness Only		
		1	Life Co	ontracts	4	5	6	7
			2	3	Accident and Health Insurance		-	
					Premiums,			
		Active Status	Life Insurance	Annuity	Including Policy, Membership	Other	Total Columns	Deposit-Type
	States, Etc.	(a)	Premiums	Considerations	and Other Fees	Considerations	2 Through 5	Contracts
1. 2.	AlabamaAL Alaska	L	9,230,778 	8,052,494 	1,745,060 69,378	5,905,920 2,060,101	24,934,252	12,669,334 175,760
3.	Arizona	⊾ I						
4.	Arkansas AR	L	7,241,675					1,711,637
5.	California CA	L				132,341,109		
6.	Colorado CO Connecticut			23,556,354	2,546,890			
7. 8.	DelawareDF	È		22,481,394 5,864,737	4,792,959 412,641			8,583,773 850,789,248
9.	District of Columbia DC		6, 142, 987		1.023.784			
10.	Florida FL	L	105,833,322			71,109,868	244,080,819	
11.	Georgia GA		43,976,386		5,710,398	19,792,881	122,244,591	
12.	Hawaii HI		7,364,377	2,715,707		1,905,020		
13.	Idaho ID	Ļ				2,715,515		5,924,841
14. 15.	IllinoisIL Indiana IN	<u>-</u>	52,507,034 29,996,969		6, 167, 163 2, 323, 464	148,261,615 17,993,216		23,845,291 16,956,706
15.	Iowa IA	Þ			2,323,464			
17.	Kansas	 		3,071,374	1,352,864	10,450,839		1,728,306
18.	Kentucky	L	6,314,131	9,177,250	1,286,373		42,641,096	
19.	Louisiana LA	L	10,620,682		1,654,006			
20.	Maine ME		8,568,323	2,978,866		1,650,564		2, 141,633
21.	Maryland MD				6,895,237			
22. 23.	Massachusetts MA Michigan MI		47,965,605 33,477,478		7,989,682 3,700,166			
-	Minnesota MN				3,700,166	50,012,954 97,427,279		
24.	Mississippi MS				2,415,555			
26.	Missouri MO			9,081,285	2,521,376			
27.	Montana MT	L	2,625,851	1,561,575		3,637,929		1, 104, 978
28.	Nebraska NE	Ļ	8,354,460	4,821,688	1,626,611	68,570,561		2,299,706
29.	Nevada	<u>-</u>						4,710,847
30. 31.	New Hampshire NH New Jersey NJ		7,264,357 	8,859,193 	1,015,455 9,380,365	3,622,399 	20,761,404 	8,577,468
32.	New Mexico			8,372,847		113,641		26 , 150 , 965 2 , 487 , 764
33.	New York NY							
34.	North Carolina NC	L			7, 526, 175			
35.	North Dakota ND	L	2,857,005	1,009,330		1,815,681	5,835,555	3, 175, 184
36.	Ohio OH			40,419,160	4, 128,669	83,335,502		
37.	Oklahoma OK				1,915,283		41,505,545	7,912,872
38. 39.	Oregon OR Pennsylvania PA		8,553,103 77,185,384	7,456,051 57,041,824	1, 195,940 9,327,765	4, 160, 260 110, 585, 298	21,365,354 254,140,271	8,791,168 9,723,012
40.	Rhode Island	 I	4,990,333			16,819,495		5.830.727
41.	South Carolina	L			3,812,048	4,824,066	39,097,202	21,726,227
42.	South Dakota SD	L	1,669,609	(577,045)		730,551	1,998,049	
43.	Tennessee TN	L					105, 394, 756	
	Texas	L	100,097,570	71,212,247	11,769,967			
	Utah UT		9,645,575	5,744,669		1,927,657		6, 194, 645
46. 47.	Vermont VT Virginia VA	L	2,893,441 48,591,721	4,711,556 56,131,505		4,927,598 54,258,864	12,859,811	
	Washington							
	West Virginia WV	L						
50.	Wisconsin WI	L		11,677,961	1,647,611			2,835,960
	Wyoming WY	L		,	,	(69,498)	, ,	
52.	American Samoa AS	N						10 700
53. 54.	Guam	N			2,616	0 010 401		
	U.S. Virgin Islands VI	LN				8,018,491	28,262,775 5,757	
	Northern Mariana Islands MP	NN						
57.	Canada CAN	N						
58.	Aggregate Other Aliens OT	XXX	3,661,266	1,826			3,774,773	·····
59.	Subtotal	XXX	1,710,604,097	1, 127, 802, 803		1,979,308,905	4,997,833,414	1,702,426,815
90.	Reporting entity contributions for employee benefits plans	xxx						
91.	Dividends or refunds applied to purchase paid-up							
-	additions and annuities	XXX						
92.	Dividends or refunds applied to shorten endowment or premium paying period	xxx						
93.	Premium or annuity considerations waived under							
	disability or other contract provisions		6,461,584		3,069,377		9,530,961	
94.	Aggregate or other amounts not allocable by State			4 400 000 400		4 070 067 077		
95.	Totals (Direct Business)	XXX	2,043,256,991	1, 128, 239, 469		1,979,308,905	5,333,992,351	1,702,426,815
96. 97	Plus Reinsurance Assumed Totals (All Business)	XXX 	12,287,313	4,739,902				354,891,142 2,057,317,957
98.	Less Reinsurance Ceded		2,055,544,504			2,343,000,340		2,007,317,907
99.	Totals (All Business) less Reinsurance Ceded	XXX	1,800,934,285	769,729,134	160,986,548	2,343,868,546	5,075,518,513	2,057,317,957
	DETAILS OF WRITE-INS				, ,			
	HKG Hong Kong							
		XXX	3,485,096	1,826	111,681		3, 598, 603	<u> </u>
58003. 58998	Summary of remaining write-ins for Line 58 from	XXX					l 	l
20330.	overflow page	xxx						
58999.	Totals (Lines 58001 through 58003 plus							
0404	58998)(Line 58 above)	XXX	3,661,266	1,826	,		3,774,773	
9401. 9402.	Reinvested Net Nonforfeiture Option Proceeds	XXX	11,695,463				11,695,463	
9402. 9403.		XXX XXX		l				
	Summary of remaining write-ins for Line 94 from					+		
	overflow page	XXX						
9499.	Totals (Lines 9401 through 9403 plus 9498)(Line	~~~~	11,695,463				11,695,463	
(a) ∆ctive	94 above) e Status Counts:	XXX	11,090,403	1	1		11,090,403	
	ensed or Chartered - Licensed Insurance carrier							

(a) Active Status Counts:
 L - Licensed or Chartered - Licensed Insurance carrier or domiciled RRG.....
 E - Eligible - Reporting entities eligible or approved to write surplus lines in the state.....
 N - None of the above - Not allowed to write business in the state.....

R - Registered - Non-domiciled RRGs..... Q - Qualified - Qualified or accredited reinsurer.

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SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	6 6	1	1 0 1	,	
			Federal Tax ID	NAIC Co Code	State of Domicile
MASSACHUSETTS MUTUAL LIFE INSU	RANCE COMPANY		04-1590850	65935	Massachusetts
Direct & Indirect Owned Subsidiaries:					
C.M. Life Insurance Company			06-1041383	93432	Connecticut
MML Bay State Life Insurance	e Company		43-0581430	70416	Connecticut
CML Mezzanine Investor, LLC			06-1041383		Delaware
CML Mezzanine Investor L, L			06-1041383		Delaware
CML Mezzanine Investor III, I	LLC		06-1041383		Delaware
CML Special Situations Invest	or LLC		None		Delaware
MML Mezzanine Investor L, LLC			04-1590850		Delaware
Berkshire Way LLC			04-1590850		Delaware
MML Special Situations Investor LLC			None		Delaware
Timberland Forest Holding LLC			47-5322979		Delaware
Lyme Adirondack Forest Com			None		Delaware
Lyme Adirondack			20-5305426		New York
Lyme Adirondack			None		Delaware
Lyme Adirondack	Timberlands II, LLC		None		Delaware
MSP-SC, LLC			04-1590850		Delaware
Insurance Road LLC			04-1590850 04-1590850		Delaware
MassMutual Trad Private Equi			04-1590850		Delaware
MassMutual Intellectual Prope Trad Investments I LLC	ny LLC		04-1590850 None		Delaware Delaware
EM Opportunities LLC			None		Delaware
Jefferies Finance LLC			27-0105644		Delaware
JETIETIES FINANCE LLC JFIN GP Adviser LLC			27-0103644 None		Delaware
JFIN OF Adviser LLC JFIN Revolver Fun	d T D		None		Delaware
JFIN Fund III LLC	u, L.I.		None		Delaware
JFIN Asset Management LLC			None		Delaware
JFAM GP LLC			None		Delaware
JFAM GP LP			None		Delaware
JFAM Loan Fund.	LP		None		Delaware
JFIN Revolver Holdings LLC			None		Delaware
JFIN Revolver Holdings II LL	C		None		Delaware
JFIN Co-Issuer Corporation			None		Delaware
JFIN Europe GP, S.a.r.l.			None		Luxembourg
Jefferies Finance En			None		Luxembourg
Jefferies Finance Business Cre			None		Delaware
JFIN Business Cred			None		Delaware
JFIN High Yield Investments I			None		Delaware
JFIN High Yield Investments I	LLC		None		Delaware
JFIN LC Fund LLC			None		Delaware

The following entities are general partner level or above of Massachusetts Mutual Life Insurance Company (Parent)

*This entity is owned by another or multiple entities in the group. Please refer to Schedule Y Part 1A for the ownership and percentage information

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
JFIN Revolver CLO Holdings LLC	None		Delaware
JFIN CLO 2007 Ltd.	None		Cayman Islands
JFIN CLO 2012 Ltd.	None		Cayman Islands
JFIN CLO 2013 Ltd.	None		Cayman Islands
JFIN CLO 2014 Ltd.	None		Cayman Islands
JFIN CLO 2014-II Ltd.	None		Cayman Islands
JFIN MM CLO 2014 Ltd.*	None		Cayman Islands
JFIN CLO 2015 Ltd.*	None		Cayman Islands
Apex Credit CLO 2015-II Ltd.*	None		Cayman Islands
JFIN Revolver CLO 2015 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017-II Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017-III Ltd.	None		Cayman Islands
JFIN Revolver CLO 2018 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2019 Ltd.	None		Cayman Islands
JFIN Revolver Fund, L.P.	None		Delaware
Apex Credit CLO 2016 Ltd.	None		Cayman Islands
Apex Credit CLO 2017 Ltd.	None		Cayman Islands
Apex Credit CLO 2017-II Ltd.	None		Cayman Islands
Apex Credit CLO 2018-II Ltd.	None		Cayman Islands
MassMutual MCAM Insurance Company	None		Vermont
MassMutual Mortgage Lending LLC	None		Delaware
MassMutual Retirement Services, LLC	04-1590850		Delaware
MM Copper Hill Road LLC	04-1590850		Delaware
MML Distributors LLC*	04-3356880		Massachusetts
MML Investment Advisers, LLC	None		Delaware
MML Mezzanine Investor, LLC	04-1590850		Delaware
MML Strategic Distributors, LLC	46-3238013		Delaware
The MassMutual Trust Company, FSB	06-1563535		Connecticut
MassMutual Asset Finance LLC*	26-0073611		Delaware
MMAF Equipment Finance LLC 2013-A	90-1005837		Delaware
MMAF Equipment Finance LLC 2014-A	36-4785301		Delaware
MMAF Equipment Finance LLC 2015-A	38-3969560		Delaware
MMAF Equipment Finance LLC 2016-A	32-0489588		Delaware
MMAF Equipment Finance LLC 2017-A	35-2590691		Delaware
MMAF Equipment Finance LLC 2017-B	32-0546197		Delaware
MMAF Equipment Finance LLC 2018-A	82-5335801		Delaware
MMAF Equipment Finance LLC 2019-A	83-3722640		Delaware
MML Private Placement Investment Company I, LLC	04-1590850		Delaware
MML Private Equity Fund Investor LLC	04-1590850		Delaware
MM Private Equity Intercontinental LLC	04-1590850		Delaware

*This entity is owned by another or multiple entities in the group. Please refer to Schedule Y Part 1A for the ownership and percentage information.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
Pioneers Gate LLC	45-2738137		Delaware
MassMutual Holding LLC	04-2854319		Delaware
Fern Street LLC	37-1732913		Delaware
Haven Life Insurance Agency, LLC	46-2252944		Delaware
MassMutual Assignment Company	06-1597528		North Carolina
MassMutual Capital Partners LLC	04-1590850		Delaware
MassMutual Ventures Holding LLC	None		Delaware
Crane Venture Partners LLP	None		United Kingdom
MassMutual Ventures Management LLC	None		Delaware
MassMutual Ventures SEA Management Private Limited	None		Singapore
MassMutual Ventures Southeast Asia I LLC	None		Delaware
MassMutual Ventures UK LLC	None		Delaware
MassMutual Ventures US LLC	47-1296410		Delaware
MassMutual Ventures US II LLC	None		Delaware
MM Rothesay Holdco US LLC	04-1590850		Delaware
MML Investors Services, LLC MML Insurance Agency, LLC	04-1590850 04-1590850		Massachusetts Massachusetts
MMLISFinancial Alliances, LLC	41-2011634		Delaware
LifeScore Labs. LLC	47-1466022		Massachusetts
MM Asset Management Holding LLC	45-4000072		Delaware
Barines LLC	51-0504477		Delaware
Baring Asset Management (Asia) Holdings Limited	98-0524271		Hong Kong, Special Administrative Region of China
Baring International Fund Managers (Bernuda) Limited	98-0457465		Bermuda
Baring Asset Manager (Asia) Limited	98-0457463		Hong Kong, Special Administrative Region of China
Baring Asset Management Korea Limited	None		Korea
Barings Investment Management (Shanghai) Limited	None		Hong Kong, Special Administrative Region of China
Barings Overseas Investment Fund Management (Shanghai) Limited	None		Hong Kong, Special Administrative Region of China
Baring SICE (Taiwan) Limited	98-0457707		Taiwan ROC
Barings Japan Limited	98-0236449		Japan
Baring Asset Management (Australia) Pty Limited	98-0457456		Australia
Barings Investment Advisors (Hong Kong) Limited	None		Hong Kong, Special Administrative Region of China
Barings Australia Holding Company Pty Ltd	None		Australia
Barings Australia Pty Ltd	98-0457456		Australia
Barings Finance LLC	80-0875475		Delaware
BCF Europe Funding Limited	None		Ireland
BCF Senior Funding I LLC	None		Delaware
BCF Senior Funding I Designated Activity Company	None		Ireland
Barings Securities LLC	04-3238351		Delaware
Barings Guernsey Limited	98-0437588		Guernsey United Kingdom
Barings Europe Limited Barings Real Estate UK Holdings Limited	None None		United Kingdom Delaware
Darings Kear Estate UK flordings Linned	none		Delawale

*This entity is owned by another or multiple entities in the group. Please refer to Schedule Y Part 1A for the ownership and percentage information.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
BREAE AIFM LLP Barings Real Estate Advisers (Continental Europe) Limited Barings Real Estate Advisers Europe LLP Barings Real Estate Advisers Europe Finance LLP Barings Real Estate GmbH Barings Real Estate GmbH Barings Global Advisors Limited	None 98-0654401 98-0654388 98-0654412 98-1194368 98-0241935 98-1012393		United Kingdom United Kingdom United Kingdom Germany United Kingdom United Kingdom
BCGSS 2 GP LLP Barings European Direct Lending 1 GP LLP Baring International Investment Limited Baring International Investment Management Holdings Baring Asset Management UK Holdings Limited Baring Asset Management GmbH Baring International Fund Managers (Ireland) Limited Baring France SAS Baring France SAS Baring France Management Switzerland Sårl Baring Pension Trustees Limited	None None 98-0457328 98-0457328 98-0457376 98-0465031 98-0457576 98-0465031 98-0457576 98-0457578 98-0457578 98-0457578 98-0457578 98-0457578 None None None None None None None None		United Kingdom United Kingdom United Kingdom United Kingdom Germany Ireland Switzerland France United Kingdom United Kingdom Delaware Michigan Delaware
Remington L & W Holdings LLC*	46-5460309 81-4065378		Connecticut

*This entity is owned by another or multiple entities in the group. Please refer to Schedule Y Part 1A for the ownership and percentage information.

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
EIP Holdings I, LLC	None		Delaware
Tamiami Citrus, LLC	None		Delaware
Teaktree Acquisition, LLC	None		Delaware
U.S. Pharmaceuticals Holdings I, LLC	46-0687392		Delaware
U.S. Pharmaceuticals Holdings II, LLC	47-5436800		Delaware
Validus Pharmaceuticals LLC	None		Delaware
VGS Acquisition Holding, LLC	None		Delaware
Aland Royalty GP, LLC	None		Delaware
BAI Funds SLP, LLC	None		Delaware
BAIGP, LLC	None		Delaware
Barings Alternative Investments SLP, LLC	None		Delaware
Baring Asset-Based Income Fund (US) GP, LLC	None		Delaware
Barings Global Investment Funds (U.S.) Management LLC	04-1590850		Delaware
Babson Global Loan Feeder Management, LLC	None		Delaware
Barings ABIF SLP, LLC	None		Delaware
Barings CLO Investment Partners GP, LLC	None		Delaware
Barings Core Property Fund GP LLC	None		Delaware
Barings Direct Lending GP Ltd.	None		Cayman Islands
Barings Global Energy Infrastructure Advisors, LLC	None		Delaware
Barings Global Real Assets Fund GP, LLC	None		Delaware
Barings Multi Asset Income Fund	None		Hong Kong
Barings North American Private Loan Fund Management, LLC	None		Delaware
Barings/LAZ Parking Fund GP LLC	None		Delaware
Benton Street Advisors, Inc.	98-0536233		Cayman Islands
BRECS VII GP LLC	None		Delaware
CCM Fund I REIT Manager LLC	None		Delaware
CEMF I GP LLC	None		Delaware
CHY Venture GP LLC	None		Delaware
CREF X GP LLC	None		Delaware
CREF VIII GP, LLC	None		Delaware
Great Lakes III GP, LLC	04-1590850		Delaware
Lake Jackson LLC	None		Delaware
Loan Strategies Management LLC	04-1590850		Delaware
Mezzco LLC	04-1590850		Delaware
Mezzco II LLC	02-0767001		Delaware
Mezzco III LLC	41-2280126		Delaware
Mezzco IV LLC	80-0920285		Delaware
Mezzco Australia LLC	90-0666326		Delaware
Mezzco Australia II LLC	None		Delaware
RECSA-NY GP LLC	None		Delaware
Somerset Special Opportunities Management LLC	04-1590850		Delaware

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
Oppenheimer Acquisition Corp.	84-1149206		Delaware
OppenheimerFunds, Inc.	13-2527171		Colorado
OppenheimerFunds Distributor, Inc.	13-2953455		New York
Oppenheimer Real Asset Management, Inc.	84-1106295		Delaware
OFI Global Institutional, Inc	13-4160541		New York
HarbourView Asset Management Corporation	22-2697140		New York
OC Private Capital, LLC	None		Delaware
OFI Global Trust Company	13-3459790		New York
OFI Global: Emerging Markets Local Debt Fund LP	46-5001122		Delaware
OFI Global: Life Sciences Fund LP	46-5001122		Delaware
OFI International, Ltd.	None		United Kingdom
SNW Asset Management Corporation	None		Delaware
Seattle Northwest Asset Management LLC	None		Washington
Trinity Investment Management Corporation	25-1951632		Pennsylvania
OFI SteelPath, Inc.	84-1128397		Delaware
Shareholder Services, Inc.	84-1066811		Colorado
OFI Advisors, LLC	None		Delaware
Index Management Solutions, LLC	None		Pennsylvania
OFI Global Asset Management, Inc.	84-0765063		Delaware
OFI Private Investments Inc.	91-2036414		New York
Tremont Group Holdings, LLC	62-1210532		New York
Tremont Partners, LLC	06-1121864		Connecticut
Tremont GP, LLC	20-8215352		Delaware
Settlement Agent, LLC	90-0874510		Delaware
Tremont (Bermuda) Limited	None		Bermuda
MassMutual International LLC	04-3313782		Delaware
Yunfeng Financial Group Limited	None		Hong Kong
MML Management Corporation	04-2443240		Massachusetts
MassMutual International Holding MSC, Inc.	04-3548444		Massachusetts
MassMutual Holding MSC, Inc.	04-3341767		Massachusetts
MML Mezzanine Investor II, LLC	04-1590850		Delaware
MML Mezzanine Investor III, LLC	04-1590850		Delaware
MassMutual External Benefits Group LLC	27-3576835		Delaware
Cornerstone Global REIT Corporation	20-8730751		Delaware
Other Affiliates & Funds:			
100 w. 3 rd Street LLC	04-1590850		Delaware
300 South Tryon Hotel LLC	82-2432216		Delaware
300 South Tryon LLC	04-1590850		Delaware
54 West Capital LLC	20-3887968		Delaware
Almack Mezzanine Fund ILP*	None		United Kingdom
Almack Mezzanine Fund II Unleveraged LP	None		United Kingdom

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

Almack Mezzanine Fund III LP*	None	
	INDIC	United Kingdom
Barings Asset-Based Income Fund (US) LP	36-4868350	Delaware
Barings Emerging Markets Corporate Bond Fund	None	Ireland
Babson Capital Global Special Situation Credit Fund 2*	98-1206017	Delaware
Babson Capital Loan Strategies Fund, L.P.*	37-1506417	Delaware
Barings US High Yield Bond Fund*	None	Ireland
Babson CLO Ltd. 2012-II	None	Cayman Islands
Babson CLO Ltd. 2013-I	None	Cayman Islands
Babson CLO Ltd. 2014-I	None	Cayman Islands
Babson CLO Ltd. 2015-I	None	Cayman Islands
Babson CLO Ltd. 2015-II	None	Cayman Islands
Babson CLO Ltd. 2016-I	None	Cayman Islands
Babson CLO Ltd. 2016-II	None	Cayman Islands
Barings CLO Ltd. 2017-I	None	Cayman Islands
Barings CLO 2018-III	None	Cayman Islands
Barings CLO 2018-IV	None	Cayman Islands
Barings CLO 2019-I	None	Cayman Islands
Babson Euro CLO 2014-I BV	None	Netherlands
Babson Euro CLO 2014-II BV	None	Netherlands
Babson Euro CLO 2015-I BV	None	Netherlands
Babson Euro CLO 2016-I BV	None	Netherlands
Barings Global Em. Markets Equity Fund	82-5330194	North Carolina
Barings Global Energy Infrastructure Fund I LP	98-1332384	Cayman Islands
Barings Global Inv. Grade Strat Fund	None	Ireland
Barings Global Private Loan Fund	None	Luxembourg
Barings Global Real Assets Fund LP	82-3867745	Delaware
Barings Global Special Situations Credit Fund 3	None	Ireland
Barings Middle Market CLO 2017-I Ltd & LLC	None	Cayman Islands
Barings Middle Market CLO 2018-I	None	Cayman Islands
Barings North American Private Loan Fund LP	38-4010344	Delaware
Barings RE Credit Strategies VII LP	98-1332384	Delaware
Baring International Small Cap Equity Fund	26-4142796	Delaware
Barings CLO Investment Partners LP	81-0841854	Delaware
Barings Real Estate European Value Add I SCSp*	None	United Kingdom
Braemar Energy Ventures I, L.P. *	None	Delaware
Barings European Core Property Fund SCSp	None	Luxembourg
Benchmark 2018-B2 Mortgage Trust	38-4059932	New York
Benchmark 2018-B4	None	New York
Benchmark 2018-B8	38-4096530	New York
Cornerstone High Yield Venture LP	36-4770946	Delaware
Barings/LAZ Parking Fund LP	46-5437441	Delaware

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

		Federal Tax ID	NAIC Co Code	State of Domicile
	Barings Core Property Fund LP	20-5578089		Delaware
	Cornerstone Real Estate Fund VIII LP	27-0547156		Delaware
	Cornerstone Real Estate Fund X LP	46-5432619		Delaware
	Cornerstone Permanent Mortgage Fund III LLC	35-2531693		Massachusetts
	Duchess VII CLO B.V.	None		United Kingdom
	E-Wise Land Venture LLC	20-3887968		Delaware
	Gateway Mezzanine Partners I LP	80-0691253		Delaware
	Gateway Mezzanine Partners II LP*	90-0991195		Delaware
	Great Lakes III, L.P.	37-1708623		Delaware
	JPMCC Commercial Mortgage Securities Trust 2017-JP7	38-4041011; 38-404	1012	New York
	JPMDB Commercial Mortgage Securities Trust 2017-C5	38-4032059		New York
	Kazwell Realty Partners LLC	20-3887968		Delaware
	KKR-MM Vector LP	82-1512591		Delaware
	Marco Hotel LLC	46-4255307		Delaware
	HB Naples Golf Owner LLC	45-3623262		Delaware
	MM Debt Participations LLC	81-3000420		Delaware
	Oakley Grove Development LLC	20-3887968		Delaware
	Old Pasco Properties LLC	20-3887968		Delaware
	RB Apartments LLC	82-4411267		Delaware
	Reston Arboretum LLC	75-2901061		Delaware
	Riva Portland LLC	30-0713071		Delaware
	Rockall CLO B.V.	None		United Kingdom
	Rockville Town Center LLC	54-2055778		Virginia
	Somerset Special Opportunities Fund L.P.*	20-8856877		Delaware
	South Pasco Properties LLC	20-3887968		Delaware
	Ten Fan Pier Boulevard LLC	35-2553915		Delaware
	Tower Square Capital Partners II, L.P.* Tower Square Capital Partners II-A, L.P.	30-0336246 32-0160190		Delaware Delaware
	Tower Square Capital Partners III, L.P.	41-2280127		Delaware
	Tower Square Capital Partners III, L.P.	41-2280127 41-2280129		Delaware
	Tower Square Capital Partners IV-A, L.P.	80-0920367		Delaware
	Tower square capital ratines to -A, L.P. West 46° Street Hotel LLC	05-1590850		Delaware
Doringe A	West 40 Steet Flote: LLC	03-1390830		Delaware
Darings A	Barings Emerging Markets Debt Blended Total Return Fund	None		Ireland
	Barings Emerging Markets Debt Short Duration Fund	None		Ireland
	Barings Emerging Markets Soversign Debt Fund	None		Ireland
	Balson Capital Loan Strategies Master Fund LP	None		Cavman Islands
	Barings Emerging Markets Debt Blended Total Return Fund	47-3758432		Massachusetts
	Barings Global High Yield Fund	47-3790192		Massachusetts
	Baring Greater China Equity Fund	None		Hong Kong
	Barings Total Return Bond Fund	47-3734770		Massachusetts
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SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
Barings U.S. High Yield Fund	47-3801860		Massachusetts
Great Lakes II LLC*	71-1018134		Delaware
Barings Real Estate Affiliates & Funds:			
Wood Creek Venture Fund LLC	04-1590850		Delaware
50 Liberty LLC*	36-4823011		Delaware
One Harbor Shore LLC*	80-0948028		Delaware
Budapester Strasse LLC	81-4382111		Delaware
Calgary Railway Holding LLC*	82-2285211		Delaware
Cornbrook PRS Holdings LLC	82-3307907		Delaware
Cornerstone California Mortgage Fund I LLC	95-4207717		California
Cornerstone California Mortgage Fund II LLC	95-4207717		California
Cornerstone California Mortgage Fund III LLC	95-4207717		California
Cornerstone Fort Pierce Development LLC*	56-2630592		Delaware
Cornerstone Permanent Mortgage Fund	45-2632610		Massachusetts
Cornerstone Permanent Mortgage Fund II	61-1750537		Massachusetts
Cornerstone Permanent Mortgage Fund III	35-2531693		Massachusetts
Cornerstone Permanent Mortgage Fund IV	61-1793735		Massachusetts
CREA Madison Member LLC	81-0890084		Delaware
CCB Montford Park LLC*	82-1563809		Delaware
Danville Riverwalk Venture, LLC	82-2783393		Delaware
Fan Pier Development LLC*	20-3347091		Delaware
Farringdon London Holdings LLC*	46-3880526		Delaware
Landmark Manchester Holdings LLC	81-5360103		Delaware
MM Island Member LLC	04-1590850		Delaware
NoHo West Venture LLC	83-0881588		Delaware
PACO France Logistics LLC	04-1590850		Delaware
PACO France Logistics 2 LLC	04-1590850		Delaware
PACO France Logistics 3 LLC	04-1590850		Delaware
Portland 400 Sixth Manager LLC	82-3393166		Delaware
Salomon Brothers Commercial Mortgage Trust 2001-MM	None		Delaware
Sawgrass Village Shopping Center LLC*	27-2977720		Delaware
Spain Avalon Holding LLC	04-1590850		Delaware
Three PW Office Holding LLC	81-5273574		Delaware
Twenty Two Liberty LLC*	35-2484550		Massachusetts
UK LIW Manager LLC	45-4606547		Delaware
UK LIW Member LLC	45-4606547		Delaware
Unna, Dortmund Holding LLC	82-3250684		Delaware
Via Ceresio Milan LLC	82-3281588		Delaware
Washington Gateway Apartments Venture LLC*	45-5401109		Delaware
Waterloo London Holdings LLC	47-1993493		Delaware
WeHo Domain LLC*	46-3122029		Delaware

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID NAIC Co Co	ode State of Domicil
Ygnatio Valley Funding	20-5481477	Delaware
MassMutual Premier Funds:		
MassMutual Barings Dynamic Allocation Fund	45-3168892	Massachusetts
MassMutual Premier Focused International Fund	02-0754273	Massachusetts
MassMutual Premier Main Street Fund	51-0529328	Massachusetts
MassMutual Premier Strategic Emerging Markets Fund	26-3229251	Massachusetts
MassMutual Premier Value Fund	04-3277550	Massachusetts
MassMutual Select Funds:		
MassMutual Select Diversified International Fund	14-1980900	Massachusetts
MassMutual Select Diversified Value Fund	01-0821120	Massachusetts
MassMutual Select Fundamental Growth Fund	04-3512593	Massachusetts
MassMutual Select Large Cap Value Fund	04-3513019	Massachusetts
MassMutual Select Mid-Cap Value Fund	42-1710935	Massachusetts
MassMutual Select Small Capital Value Equity Fund	02-0769954	Massachusetts
MassMutual Select Small Company Value Fund	04-3584140	Massachusetts
MassMutual Select T. Rowe Price Retirement 2005 Fund	82-3347422	Massachusetts
MassMutual Select T. Rowe Price Retirement 2010 Fund	82-3355639	Massachusetts
MassMutual Select T. Rowe Price Retirement 2015 Fund	82-3382389	Massachusetts
MassMutual Select T. Rowe Price Retirement 2020 Fund	82-3396442	Massachusetts
MassMutual Select T. Rowe Price Retirement 2025 Fund	82-3417420	Massachusetts
MassMutual Select T. Rowe Price Retirement 2030 Fund	82-3430358	Massachusetts
MassMutual Select T. Rowe Price Retirement 2035 Fund	82-3439837	Massachusetts
MassMutual Select T. Rowe Price Retirement 2040 Fund	82-3451779	Massachusetts
MassMutual Select T. Rowe Price Retirement 2045 Fund	82-3472295	Massachusetts
MassMutual Select T. Rowe Price Retirement 2050 Fund	82-3481715	Massachusetts
MassMutual Select T. Rowe Price Retirement 2055 Fund	82-3502011	Massachusetts
MassMutual Select T. Rowe Price Retirement 2060 Fund	82-3525148	Massachusetts
MassMutual Select T. Rowe Price Retirement Balanced Fund	82-3533944	Massachusetts
MML Series Investment Funds:		
MML Series International Equity Fund	46-4257056	Massachusetts
MML Series Investment Funds II:		
MML Series II Asset Momentum Fund	47-3517233	Massachusetts
MML Series II Dynamic Bond Fund	47-3529636	Massachusetts
MML Series II Equity Rotation Fund	47-3544629	Massachusetts
MML Series II Special Situations Fund	47-3559064	Massachusetts
MassMutual RetireSMART Funds:		
MassMutual RetireSMART 2055 Fund	46-3289207	Massachusetts
MassMutual RetireSMART 2060 Fund	47-5326235	Massachusetts
MassMutual RetireSMART Conservative Fund	45-1618155	Massachusetts
MassMutual RetireSMART Growth Fund	45-1618222	Massachusetts
MassMutual RetireSMART In Retirement Fund	03-0532464	Massachusetts

SCHEDULE Y - INFORMATION CONCERNING ACTIVITIES OF INSURER MEMBERS OF A HOLDING COMPANY GROUP

PART 1 – ORGANIZATIONAL CHART

	<u>Federal Tax ID</u>	NAIC Co Code	State of Domicile
MassMutual RetireSMART Moderate Fund	45-1618262		Massachusetts
MassMutual RetireSMART Moderate Growth Fund	45-1618046		Massachusetts
Oppenheimer Funds:			
OFI Carlyle Private Credit Fund	None		Delaware
OFI Pictet Global Environmental Solution Fund	81-5311583		Delaware
Oppenheimer Developing Markets Fund	93-6305075		Delaware
Oppenheimer Developing Markets Equity UCITS	None		Ireland
Oppenheimer Emerging Markets Innovators UCITS	None		Ireland
Oppenheimer Emerging Markets Local Debt UCITS	3440740DH		Ireland
Oppenheimer Global ILS Fund LP	83-1689208		New York
Oppenheimer Global Equity UCITS	None		Ireland
Oppenheimer Global Focus Equity UCITS Fund	None		Ireland
Oppenheimer Global Multi-Asset Growth Fund	47-3676235		Delaware
Oppenheimer Global Multi-Asset Income Fund	None		Delaware
Oppenheimer Global Real Estate Fund	46-1604428		Delaware
Oppenheimer Global Unconstrained Bond Fund	82-2693880		Delaware
Oppenheimer Macquarie Global Infrastructure Fund	81-1080638		Delaware
Oppenheimer Preferrred Securities & Income Fund	82-3462739		Delaware
Oppenheimer Senior Floating Rate Plus Fund	None		Delaware
Oppenheimer Small Cap Value Fund	None		Delaware
Oppenheimer SteelPath MLP & Energy Infrastructure Fund	82-2222426		Delaware
Oppenheimer SteelPath Panoramic Fund	None		Delaware
Oppenheimer Ultra-Short Duration Fund	27-5013457		Delaware
Oppenheimerfunds ICAV - Developing Markets Equity UCITS Fund	None		Ireland
Oppenheimerfunds ICAV - Global Equity UCITS Fund	None		Ireland

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	L Baystate Life Ins Co		43-0581430				MML Bay State Life Insurance Company	CT	IA.	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
			06-1041383				CML Mezzanine Investor, LLC	DE	DS.	C.M. Life Insurance Company	Ownership		MMLIC		
0000			06-1041383				CML Mezzanine Investor L, LLC	DE.	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
0000			06-1041383				CML Mezzanine Investor III, LLC	DE	DS	C.M. Life Insurance Company	Ownership		MMLIC		
			00-1041303				CML Special Situations Investor LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
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							MML Special Situations Investor LLC	DE	NI A	Company	Ownership		MMLIC	- [
			1							Massachusetts Mutual Life Insurance					
			47-5322979				Timberland Forest Holding LLC	DE	NI A	Company	Ownership		MMLIC		
			47-5322979				Timberland Forest Holding LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
			47-5322979				Timberland Forest Holding LLC	DE	NI A	Wood Creek Capital Management LLC	Management		MMLIC		
							Lyme Adirondack Forest Company, LLC	DE	NIA	Timberland Forest Holding LLC	Ownership		MMLIC		
			20-5305426				Lyme Adirondack Timber Sales, Inc	NY	NI A	Timberland Forest Holding LLC	Ownership		MMLIC		
							Lyme Adirondack Timberlands I, LLC	DE	NIA	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
							Lyme Adirondack Timberlands II. LLC	DE	NI A	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
							, ,			Massachusetts Mutual Life Insurance					
			04-1590850				Berkshire Way LLC	DE	NIA	Company	Ownership		MMLIC		
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			04-1590850				MSP-SC, LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
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			1				EM Opportunities LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
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			04-1590850				Insurance Road LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			04-1590850				MassMutual Trad Private Equity LLC	DE	NIA	Insurance Road LLC	Ownership		MMLIC		
			04-1590850				MassMutual Intellectual Property LLC	DE	NI A	Insurance Road LLC	Ownership		MNLIC		
							Trad Investments I LLC	DE	NIA	Insurance Road LLC	Ownership		MMLIC		
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			27-0105644				Jefferies Finance LLC	DE	NI A	Company	Ownership		MMLIC		
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			1		1					Massachusetts Mutual Life Insurance					
			1				MassMutual Mortgage Lending LLC	DE	NI A	Company	Ownership		MMLIC	.	
							JFIN GP Adviser LLC	DE	NI A	Jefferies Finance LLC	Ownership		MMLIC		
							JFIN Revolver Fund, L.P.	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	. [
			1				JFIN Fund III LLC	DE	NIA	Jefferies Finance LLC	Ownership.		MMLIC		
							JFIN Asset Management LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
			1				JFAM GP LLC	DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC	-	
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							Jefferies Finance Europe, SCSp	LUX	NI A	Jefferies Finance LLC	Ownership		MMLIC	-	
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							JFIN High Yield Investments LLC		NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		

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000 Aper Credit Q2 307-11 Ltd. DM MA Afferies Finne LLC Overship 00.00 ML IC 000 04-505800 MI Opper MI Red LC LE NA Overship 000.00 ML IC NA 000 04-505800 MI Opper MI Red LC LE NA Overship 000.00 ML IC NA 000 04-505800 MI Opper MI Red LC LE NA Overship 90.00 ML IC NA 000 04-505800 MI Opper MI Red LC LE NA NA Overship 90.00 ML IC NA 000 04-505800 MI Interister LC JA NA NA Overship 90.00 ML IC NA 000 04-505800 MI Interister Interister LC LE NA Reschust Kutal Life Insurance Overship 100.00 ML IC NA 0000 04-505800 MI Interister Insurance Overship 100.00 ML IC NA 0000 04-505801 MI Interister Insurance																
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000 04-150/850 MC Open / Hill Read LLC 0E NIA Corpany Onership 100.00 ML IC 000 04-335888 ML Distributors LLC MA NA Corpany Onership 99.000 ML IC ML Onership 99.000 ML IC ML Onership 99.000 ML IC ML ML <td></td> <td></td> <td></td> <td>01 1000000</td> <td></td>				01 1000000												
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											Massachusetts Mutual Life Insurance					
	0000			04-1590850				MML Mezzanine Investor, LLC	DE	NIA	Company	Ownership	100,000	MMLIC		
	0000			46-3238013				MML Strategic Distributors IIC	DE	NIA		Ownership	100 000	MMLIC		
D000 O6-1563535 2881445 The MassMutual Trust Company, FSB CT NIA Company_membrane Onnership 100.000 MLIC V 0000 26-0073611 MassMutual Asset Finance LLC DE NIA Company_membrane Onnership .0.000 MLIC V MassMutual Asset Finance LLC DE NIA Company_membrane Onnership .0.000 MLIC V MassMutual Asset Finance LLC DE NIA Company_membrane Onnership .0.000 MLIC V MassMutual Asset Finance LLC DE NIA Company_membrane Onnership .0.000 MLIC V DE NIA Company_membrane Onnership .0.000 MLIC V DE NIA MassMutual Asset Finance LLC Onnership .0.000 MMLIC V DE NIA MassMutual Asset Finance LLC Onnership DE NIA MassMutual Asset Finance LLC Onnership DE NIA MassMutual Asset Finance LLC Onnership DE NIA MassMutual Asset Finance LLC <td< td=""><td></td><td></td><td></td><td>10 0200010</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				10 0200010												
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								MMAF Equipment Finance LLC 2013-A				Ownership			.	
	0001			36-4785301				MMAF Equipment Finance LLC 2014-A		NI A	MassMutual Asset Finance LLC	Ownership			.	
				38-3969560						NI A	MassMutual Asset Finance LLC	Ownership		MMLIC	.	
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				03-3122040						A		ownersnip		. NMLIU	-	
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				04-1590850				LLC	DE	NIA		Ownership		MMLIC	-	
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								MML Private Equity Fund Investor LLC		NIA	Company	Ownership				
0000 MM Private Equity Intercontinental IIC DE NIA MM Private Equity Euro Investor IIC Investor IIC Investor				04-1590850				MML Private Equity Fund Investor LLC	DE	NI A	Baring Asset Management Limited	Management			.	
	0000			04-1590850				MM Private Equity Intercontinental LLC	DE	NIA	MML Private Equity Fund Investor LLC	Ownership	100.000	MMLIC		1

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						Name of Securities			Relation-		Board.	Owner-		SCA	
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Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
	· · ·									Massachusetts Mutual Life Insurance					1
			45-2738137				Pioneers Gate LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
			04-2854319	2392316			MassMutual Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC	Y	
			06-1597528				MassMutual Assignment Company	NC	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
			37-1732913				Fern Street LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			46-2252944				Haven Life Insurance Agency, LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
			04-1590850				MassMutual Capital Partners LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			01 1000000				MassMutual Ventures Holding LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
							Crane Venture Partners LLP	GBR	NIA	MassMutual Holding LLC	Ownership.		MMLIC		
0000							MassMutual Ventures Management LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLIC		
							MassMutual Ventures SEA Management Private				ownership				
							Limited	DE	NIA	MassMutual Holding LLC	Ownership		MMLIC		
							MassMutual Ventures Southeast Asia LLC	DE	NIA	MassMutual Holding LLC	Ownership	100.000	MMLTC		
									NIA NIA	MassMutual Holding LLC MassMutual Holding LLC			MMLIC		
			47-1296410				MassMutual Ventures UK LLC	DE			Ownership				
			47-1296410				MassMutual Ventures US I LLC	DE	NIA	MassMutual Holding LLC	Ownership		MMLIC		
0000		-					MassMutual Ventures US II LLC	DE	NI A	MassMutual Holding LLC	Ownership	100.000			
			04-1590850				MM Rothesay Holdco US LLC	DE	NI A	MassMutual Holding LLC	Ownership		. MMLIC		
			47-1466022				LifeScore Labs, LLC	MA	NI A	MassMutual Holding LLC	Ownership	100.000	. MMLIC		
0000			04-1590850				MML Investors Services, LLC	MA	NI A	MassMutual Holding LLC	Ownership		. MMLIC		
			04-1590850				MML Insurance Agency, LLC	MA	NI A	MML Investors Services, LLC	Ownership		. MMLIC		
0000			41-2011634				MMLISI Financial Alliances, LLC	DE	NI A	MML Investors Services, LLC	Ownership		. MMLIC		
0000			45-4000072				MM Asset Management Holding LLC	DE	NI A	MassMutual Holding LLC	Ownership		. MMLIC		
			51-0504477				Barings LLC	DE	NIA	MassMutual Asset Management Holding LLC	Ownership		MMLIC		
							Baring Asset Management (Asia) Holdings								
			98-0524271				Limited	HKG	NIA	Barings LLC	Ownership		MMLIC		
							Baring International Fund Managers (Bermuda)			Baring Asset Management (Asia) Holdings					
			98-0457465				Limited	BMU	NIA	Limited	Ownership		MMLIC		
										Baring Asset Management (Asia) Holdings	-				
0000			98-0457463				Baring Asset Management (Asia) Limited	HKG	NIA	Limited	Ownership	100.000	MMLIC		
							Baring Asset Management Korea Limited	KOR	NI A	Baring Asset Management (Asia) Limited	Ownership		MMLIC		
							Barings Investment Management (Shanghai)								
							Limited	HKG	NIA	Baring Asset Management (Asia) Limited	Ownership		MMLIC		
							Barings Overseas Investment Fund Management			Barnig Nober management (Nora) Ermited					
							(Shanghai) Limited	HKG	NIA	Baring Asset Management (Asia) Limited	Ownership		MMLIC		
										Baring Asset Management (Asia) Holdings	owner on the				
		1	98-0457707				Baring SICE (Taiwan) Limited	TWN	NIA	Limited	Ownership.	100.000	MMLIC		
			JU 104 JI 101				Daring oron (Tatman) Limited	····		Baring Asset Management (Asia) Holdings	owner on p				
.0000			98-0236449				Barings Japan Limited	JPN	NIA	Limited	Ownership.	100.000	MMLIC		
			30-0230449				Baring Asset Management (Australia) Pty		INI A	Baring Asset Management (Asia) Holdings	owner ann h				
0000		1	98-0457456				Limited	110	NIA		Ownership		MMLIC		
			90-040/45b					AUS	NI A	Limited	Ownership				
0000		1					Barings Investment Advisors (Hong Kong)	11/2	ALL A	Baring Asset Management (Asia) Holdings	0	100,000	144.10		
							Limited	HKG	NIA	Limited	Ownership	100.000	MMLIC		
0000								4110		Baring Asset Management (Asia) Holdings		400 000			
0000							Barings Australia Holding Company Pty Ltd	AUS	NIA	Limited	Ownership				
			98-0457456				Barings Australia Pty Ltd	AUS	NI A	Baring Australia Holding Company Pty Ltd	Ownership				
			80-0875475				Barings Finance LLC	DE	NI A	Barings LLC	Ownership				
							BCF Europe Funding Limited	IRL	NI A	Barings Finance LLC	Ownership	100.000	. MMLIC		
0000							BCF Senior Funding LLC	DE	NI A	Barings Finance LLC	Ownership		. MMLIC		
		1					BCF Senior Funding I Designated Activity								
							Company	IRL	NIA	Barings Finance LLC	Ownership		MILIC		
			04-3238351				Barings Securities LLC	DE	NI A	Barings LLC	Ownership		MMLIC		
			98-0437588				Barings Guernsey Limited	GGY	NIA	Barings LLC	Ownership	100.000	MMLIC		
							Barings Europe Limited	GBR		Barings Guernsey Limited	Ownership	100.000	MMLIC		

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									Deletion			-			
						Name of Securities		- ·	Relation-		Board,	Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Éntity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000	choup Hamo	0000			0	internationaly	Barings Real Estate UK Holdings Limited	DE	NIA	Barings Europe Limited	Ownership			(1/14)	
							BREAE AIFM LLP	GBR	NIA	Barings Real Estate UK Holdings Limited	Ownership		MMLIC		
							Barings Real Estate Advisers (Continental	ubn		Dalings hear Estate on horungs Limited	owner simp				
0000			00.0054404					000	ALL A	Designer Deel Codede UK Heldiger Ligided	0	100,000	144 10		
			98-0654401 98-0654388				Europe) Limited	GBR	NIA	Barings Real Estate UK Holdings Limited	Ownership		. MMLIC		
0000			98-0654388				Barings Real Estate Advisers Europe LLP	GBR	NIA	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLTC		
							Barings Real Estate Advisers Europe Finance								
			98-0654412				LLP	GBR	NIA	Barings Real Estate UK Holdings Limited	Ownership	100.000	_ MMLIC		
0000			98-1194368				Barings Real Estate GmbH	DEU	NI A	Barings Real Estate UK Holdings Limited	Ownership		. MMLIC		
			98-0241935				Baring Asset Management Limited	GBR	NIA	MassMutual Holdings (Bermuda) Limited	Ownership	100.000			
0000			98-1012393				Barings Global Advisors Limited	GBR	NI A	Baring Asset Management Limited	Ownership		MMLIC		
							BCGSS 2 GP LLP	GBR	NI A	Baring Asset Management Limited	Ownership	100.000	MMLIC		
				1	1		Barings European Direct Lending 1 GP LLP	GBR		Baring Asset Management Limited	Ownership	100.000	MMLIC		
			98-0457328				Baring International Investment Limited	GBR	NIA	Baring Asset Management Limited	Ownership	100.000	MMLIC		
				1			Baring International Investment Management							1	
			98-0457587		1		Holdings	GBR	NIA	Baring Asset Management Limited	Ownership		MMLIC		
			90-0437307				norurings	ubn		Baring International Investment Management	ownership				
0000			98-0457576					000	NIA		a	100.000	100		
0000			98-045/5/6				Baring Asset Management UK Holdings Limited .	GBR	NIA	Holdings	Ownership		_ MMLIC		
										Baring Asset Management UK Holdings Limited					
0000			98-0465031				Baring Asset Management GmbH	DEU	NI A		Ownership	100.000	. MMLIC		
							Baring International Fund Managers (Ireland)			Baring Asset Management UK Holdings Limited					
			98-0524272				Limited	IRL	NI A		Ownership		MMLIC		
										Baring Asset Management UK Holdings Limited					
							Baring Asset Management Switzerland Sàrl	CHE	NIA	° ° °	Ownership	100.000	MMLIC		
										Baring Asset Management UK Holdings Limited					
0000			98-0497550				Baring France SAS	FRA	NIA	sa ng noor management et noranigo zimi toa	Ownership	100.000	MMLIC		
0000			98-0457586				Baring Fund Managers Limited	GBR	NIA	Baring Asset Management Limited	Ownership		MMLIC		
			98-0457574				Baring Pension Trustees Limited	GBR	NIA	Baring Asset Management Limited	Ownership		MMLIC		
0000								GBR			Ownership	100.000	MMLIC		
			98-0457578				Baring Investment Services Limited			Baring Asset Management Limited					
							Barings GPC GP S.à. r.l .	LUX		Baring Asset Management Limited	Ownership		- MMLIC		
0000							Barings Investment Fund (LUX) GP S.à. r.I .	LUX		Baring Asset Management Limited	Ownership	100.000	MMLIC		
							Almack Mezzanine GP III Limited	GBR		Baring Asset Management Limited	Ownership		. MMLIC		
0000							Almack Holding Partnership GP Limited	GBR	NI A	Baring Asset Management Limited	Ownership	100.000	_ MMLIC		
							Almack Mezzanine Fund Limited	GBR	NI A	Baring Asset Management Limited	Ownership		MMLIC		
0000							Almack Mezzanine Fund II Limited	GBR	NI A.	Baring Asset Management Limited	Ownership	100.000	MMLIC		
			98-0432153				Barings (U.K.) Limited	GBR	NIA	Barings Guernsey Limited	Ownership		MMLIC		
0000							Barings Multifamily Capital Holdings LLC	DE		Barings LLC	Ownership	100.000	MMLIC		
0000				1			Barings Multifamily Capital LLC	MI	NIA	Barings LLC	Ownership	100.000	MMLIC	1	1
							Barings Multifamily Capital Corporation	DE	NIA	Barings LLC	Ownership		MMLIC		
			04-3238351	3456895			Barings Real Estate Advisers Inc.		NIA	Barings Real Estate Advisers LLC	Ownership		MMLIC		· []
				3430093											
0000			04-1590850				MassMutual Baring Holding LLC	DE	NI A	MassMutual Asset Management Holding LLC	Ownership	100.000	_ MMLIC		- <u> </u>
										Massachusetts Mutual Life Insurance				1	
0000			81-2244465				Chassis Acquisition Holding LLC	DE	NI A	Company	Ownership/Influence				·
			81-2244465				Chassis Acquisition Holding LLC	DE	NI A	Barings LLC	Influence		. MMLIC		
										Massachusetts Mutual Life Insurance					
			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Company	Ownership/Influence		MMLIC		
.0000			81-4258759		l		CRA Aircraft Holding LLC	DE	NIA	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
			83-0560183				Aland Rovalty Holdings LP	DE.	NIA	Company	Ownership	26.700	MMLIC	1	
0000			83-0560183				Aland Royalty Holdings LP	DE	NIA	Barings LLC	Management		MIC		
			00-0000103				A Tanu noyally noturings LF				manayomon t		IV		
0000			40,0044000				Induced at the following of the C.	D	NIL A	Massachusetts Mutual Life Insurance	0	10,000	144.10	1	
			46-2344300				Intermodal Holdings II LLC	DE	NIA	Company	Ownership	18.000			
			47-3055009				Milestone Acquisition Holding, LLC	DE	NI A	MassMutual Holding LLC	Ownership/Influence				
0000		1 1	47-3055009				Milestone Acquisition Holding, LLC.	DE	NI A	Barings LLC	Influence		MMLIC	1	

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					Name of Securities			Relation-		Board.	Owner-		SCA	
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					Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC			if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	2
Code	Group Name	Code Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
Code	Gloup Name	Code Number	H33D	OIN	International)	Of Animates	lion	Linuty		Other)	laye	Linuty(les)/Feison(s)	(1/1)	
									Massachusetts Mutual Life Insurance					
0000						Novation Companies, Inc	MD	NI A	Company	Ownership		MMLIC		
									Massachusetts Mutual Life Insurance					
0000						Red Lake Ventures, LLC	DE	NI A	Company	Ownership/Influence		MMLIC		
						Red Lake Ventures, LLC	DE	NI A.	Barings LLC	Influence		MMLIC		
									Massachusetts Mutual Life Insurance					
0000		81-4065378				Remington L & W Holdings LLC	CT	NIA	Company	Ownership/Influence	66,700	MMLIC		
0000		81-4065378				Remington L & W Holdings LLC	CT	NI A	Barings LLC	Influence		MILIC		
		01-4003370				nemington L & Whordings LLC			Massachusetts Mutual Life Insurance	Initiaence				
0000						T	DE				45 700	144 10		
						Tamiami Citurus, LLC		NI A	Company	Ownership				
						Teaktree Acquisition, LLC	DE	NIA	MassMutual Holding LLC	Ownership/Influence		MMLIC		
0000						Teaktree Acquisition, LLC	DE	NIA	Barings LLC	Influence	····	MMLIC		
									Massachusetts Mutual Life Insurance					
		46-0687392				US Pharmaceutical Holdings I, LLC	DE	NIA	Company	Management		MMLIC		
						3 , 1			Massachusetts Mutual Life Insurance				-	
0000		20-2970495				US Pharmaceutical Holdings II, LLC	DE	NIA	Company	Ownership/Influence	42,400	MMLIC		
		20-2970495				US Pharmaceutical Holdings II, LLC	DE	NI A	Barings LLC	Influence				
						US Filatillaceutical horunigs II, LLC			Massachusetts Mutual Life Insurance			IMMLTC		
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0000						EIP Holdings I, LLC	DE	NI A	Company	Ownership/Influence		MMLIC		
						EIP Holdings I, LLC	DE	NI A	Barings LLC	_ Management		MMLIC		
									Massachusetts Mutual Life Insurance					
						Validus Pharmaceuticals LLC	DE	NI A	Company	Ownership/Influence		MMLIC		
						VGS Acquisition Holding, LLC	DE	NIA	MassMutual Holding LLC	Ownership/Influence		MMLIC		
0000						VGS Acquisition Holding, LLC	DE	NIA	Barings LLC	Management		MMLIC	-	
						Aland Royalty GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
0000						BAI GP, LLC		NIA	Barings LLC	Ownership	100.000	MILIC		
						BAT GIT, ELC	DE	NIA	Barings LLC	Ownership				
												MMLIC		
						Barings Alternative Investments SLP, LLC	DE		Barings LLC	Ownership	100.000			
0000						Baring Asset-Based Income Fund (US) GP, LLC .	DE	NI A	Barings LLC	Ownership		MMLIC		
						Barings Global Investment Funds (U.S.)								
0000						Management LLC	DE	NI A	Barings LLC	Ownership		MMLIC		
						Babson Global Loan Feeder Management, LLC	DE	NI A	Barings LLC	Ownership		MMLIC		
						Barings ABIF SLP. LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
0000						Barings CLO Investment Partners GP, LLC	DE	NIA	Barings LLC	Ownership	100,000	MMLIC	-	
.0000						Barings Core Property Fund GP LLC	DE		Barings LLC	Ownership	100.000	MILIC		
0000						Barings Direct Lending GP Ltd.	CYM	NIA.	Barings LLC	Ownership	100.000	MMLIC		
								NIA	Dai mys LLC	ownership		mmL10		
						Barings Global Energy Infrastructure								
						Advisors, LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		
						Barings Multi Asset Income Fund	HKG	NI A	Barings LLC	Ownership		MMLIC		
						Barings North American Private Loan Fund								
0000						Management, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		
0000						Barings Global Real Assets Fund GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC	-	
						Barings/LAZ Parking Fund GP LLC	DE	NIA	Barings LLC	Ownership	100.000	MILIC		
		98-0536233				Benton Street Advisors, Inc.	CYM	NIA	Barings LLC	Ownership	100.000	- MMLIC		
							DE	NIA.	Barings LLC	Ownership	100.000	MMLIC		
						BRECS VII GP LLC								
						CCM Fund I REIT Manager LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		
						CEMF I GP LLC	DE	NI A	Barings LLC	Ownership	100.000	MMLIC		
0000						CHY Venture GP LLC	DE	NI A	Barings LLC	0wnership		MMLIC		
						CREF X GP LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
						CREF VIII GP. LLC	DE	NIA	Barings LLC	Ownership.	100.000	MMLIC		1
		04-1590850				Great Lakes III GP, LLC	DE	NIA	Barings LLC	Ownership	100.000	MMLIC		1
						Lake Jackson LLC	DE		Barings LLC	Ownership				
0000						Loan Strategies Management LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
						Mezzco LLC	DE	NI A	Barings LLC	Ownership		MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
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Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	~
0000			02-0767001				Mezzco II LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
0000			41-2280126				Mezzco III LLC	DE	NI A	Barings LLC	Ownership		MMLIC		
0000			80-0920285				Mezzco IV LLC	DE	NIA	Barings LLC	Ownership		MMLIC		
			90-0666326				Mezzco Australia LLC	DE		Barings LLC	Ownership		MMLIC		
0000			30 0000020				Mezzco Australia II LLC	DE		Barings LLC	Ownership	100.000	MMLIC		
							RECSA-NY GP LLC	DE		Barings LLC			MML1C		
								UE	NIA	Barings LLC	Ownership		MMLIC		
							Somerset Special Opportunities Management LLC								
0000			04-1590850					DE		Barings LLC	Ownership	100.000	MMLIC		
			84-1149206	2897101			Oppenheimer Acquisition Corp.	DE	NIA	MassMutual Asset Management Holding LLC	Ownership		MMLIC		
			13-2527171	2679183			OppenheimerFunds, Inc.	CO	NI A	Oppenheimer Acquisition Corp.	Ownership		MMLIC		
0000			13-2953455				OppenheimerFunds Distributor. Inc.	NY	NIA	OppenheimerFunds. Inc.	Ownership	100.000	MMLIC		
		1	84-1106295	1			Oppenheimer Real Asset Management, Inc.	DE	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC	1	1
			13-4160541	3458125				NY	NIA	OppenheimerFunds, Inc.	Ownership		MMLIC		
				3438 123			OFI Global Institutional, Inc.								+
		-	22-2697140				HarbourView Asset Management Corporation	NY	NI A	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000							OC Private Capital, LLC	DE		OFI Institutional Asset Management, Inc	Ownership		MMLIC		
			13-3459790	2914875			OFI Global Trust Company	NY	NIA	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
							OFI Global: Emerging Markets Local Debt Fund			Massachusetts Mutual Life Insurance					
.0000			46-5001122				IP	DE	NIA	Company	Ownership.	100.000	MMLIC		
							-			Massachusetts Mutual Life Insurance	enner enrep				
0000			46-5001122				OFI Global: Life Sciences Fund LP	DE	NIA	Company	Ownership	100.000	MMLIC		
			40-0001122												
0000							OFI International, Ltd	GBR		OFI Institutional Asset Management, Inc	Ownership		MMLIC		
0000							SNW Asset Management Corporation	DE		OFI Institutional Asset Management, Inc	Ownership		MMLIC		
0000			60-2233720				Seattle Northwest Asset Management LLC	WA	NI A	OFI Institutional Asset Management, Inc	Ownership		MMLIC		
			25-1951632				Trinity Investment Management Corporation	PA	NIA	OFI Institutional Asset Management, Inc	Ownership		MMLIC		
			84-1128397				OFI SteelPath. Inc.	DE	NIA	OppenheimerFunds. Inc.	Ownership	100.000	MMLIC		
			84-1066811				Shareholder Services, Inc.	CO	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
			04 1000011				OFI Advisors . LLC	DE	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000									NIA.			100.000	MMLIC		
							Index Management Solutions, LLC	PA		OppenheimerFunds, Inc.	Ownership				
			84-0765063				OFI Global Asset Management, Inc	DE	NI A	OppenheimerFunds, Inc	Ownership		MMLIC		
0000			91-2036414				OFI Private Investments Inc.	NY	NIA	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
			62-1210532				Tremont Group Holdings, LLC	NY	NI A	Oppenheimer Acquisition Corp.	Ownership		MMLIC		
0000			06-1121864				Tremont Partners, LLC	CT	NIA	Tremont Group Holdings, Inc.	Ownership	100,000	MMLIC		
			20-8215352				Tremont GP, LLC	DE	NIA	Tremont Group Holdings, Inc.	Ownership	100 000	MMLIC		
0000			90-0874510				Settlement Agent, LLC	DE	NIA	Tremont GP	Ownership	100.000	MMLIC		
							Tremont (Bermuda) Limited		NIA	Tremont Group Holdings, Inc.	Ownership		MML1C		1
		-					Tremont (Dermuna) Limited	DWU	INT A		owner sin h		mmL10		
										Massachusetts Mutual Life Insurance		100.005			1
			04-3313782				MassMutual International LLC	DE	NI A	Company	Ownership		MMLIC	Y	
0000		.					Yunfeng Financial Group Limited	HKG	NI A	MassMutual International LLC	Ownership		MMLIC		
		1								Massachusetts Mutual Life Insurance					1
			04-2443240				MML Management Corporation	MA	NIA	Company	Ownership	100.000	MMLIC	Y	1
0000		1	04-3548444	1			MassMutual International Holding MSC, Inc	MA	NIA	MML Management Corporation	Ownership	100.000	MMLIC		1
			04-3341767				MassMutual Holding MSC, Inc	MA		MML Management Corporation	Ownership		MMLIC		
		-	04-0041101				massmutual notully moo, life.	MA	NI M		Owner anth		™™LIV		1
										Massachusetts Mutual Life Insurance		100.005		1	1
0000		-	04-1590850				MML Mezzanine Investor II, LLC	DE	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MML Mezzanine Investor III, LLC	DE	NI A	Company	Ownership		MMLIC		
							,			Massachusetts Mutual Life Insurance					
			27-3576835				MassMutual External Benefits Group LLC	DE	NIA	Company	Ownership	100.000	MMLIC		1
		-					masomatuar External belieffts uroup LLC			Massachusetts Mutual Life Insurance	owner antp				1
0000			00 0700754						ALC A		0	100 000	188.10		1
0000		-	20-8730751				Cornerstone Global REIT Corporation	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance				1	1
0000			04-1590850				100 w. 3rd Street LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			1					1		Massachusetts Mutual Life Insurance					1
		1	82-2432216	1			300 South Tryon Hotel LLC	DE	NIA	Company	Ownership	100.000	MMLIC	1	1
							See South Hydrinoton LLO		·····	••••••••••••••••••••••••••••••••••••••					

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						Name of Securities			Relation-		Board,	Owner-		SCA	
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						Exchange	N. (Domi-	ship		Management,	ship			
_		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
	· · ·									Massachusetts Mutual Life Insurance					
			04-1590850				300 South Tryon LLC		NIA	Company	Ownership	100.000	MMLIC		
							, , ,			Massachusetts Mutual Life Insurance					
			20-3887968				54 West Capital LLC		NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
							Almack Mezzanine Fund LP	GBR	NIA	Company	Ownership/Influence	41.400	MMLIC		
0000							Almack Mezzanine Fund LP	GBR	NIA	C.M. Life Insurance Company	Ownership	4.600	MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NIA	Company	Ownership/Influence	72.900	MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Almack Mezzanine Fund III LP	GBR	NIA	Company	Ownership/Influence	34.200	MMLIC	1	
			1				Almack Mezzanine Fund III LP	GBR	NIA.	C.M. Life Insurance Company	Ownership		MMLIC		1
							Almack Mezzanine Fund III LP		NIA	Barings (U.K.) Limited	Management		MMLIC		
							ATTINUON INCLANTING FUTU ITT LF	nun	NI <i>M</i>	Massachusetts Mutual Life Insurance					1
0000			36-4868350				Barings Asset-Based Income Fund (US) LP	DE	NIA	Company	Ownership/Influence	12.000	MMLIC		
			36-4868350				Barings Asset-Based Income Fund (US) LP		NIA.	C.M. Life Insurance Company	Ownership/Influence	1.200	MMLIC		
			36-4868350				Barings Asset-Based Income Fund (US) LP		NIA	Barings LLC	Management.		MMLIC		
			30-4808330				Barings Assel-Based Income Fund (US) LP Barings Emerging Markets Corporate Bond Fund		NI A	Massachusetts Mutual Life Insurance	management				
0000							barings Emerging Markets corporate bond Fund	IDI	NIA		O marki (lationa)				
0000							Desires Francisco Marketo Associate Desit Frank	IRL	NIA	Company	Ownership/Influence		MMLIC		
0000							Barings Emerging Markets Corporate Bond Fund	101					188.10		
0000								IRL	NI A	Barings LLC	Management		. MMLIC		
							Babson Capital Global Special Situation			Massachusetts Mutual Life Insurance			188 10		
0000			98-1206017				Credit Fund 2	DE	NI A	Company	Ownership/Influence		MMLIC		
							Babson Capital Global Special Situation								
0000			98-1206017				Credit Fund 2	DE	NI A	C.M. Life Insurance Company	Ownership		- MMLIC		
							Babson Capital Global Special Situation								
0000			98-1206017				Credit Fund 2	DE	NI A	Barings LLC	Management		. MMLIC		
										Massachusetts Mutual Life Insurance					
			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Company	Ownership/Influence				
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NIA	C.M. Life Insurance Company	Ownership		MMLIC		
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Barings LLC	Management		. MMLIC		
										Massachusetts Mutual Life Insurance					
							Barings US High Yield Bond Fund	IRL	NI A	Company	Ownership/Influence			[
0000							Barings US High Yield Bond Fund	IRL	NIA	Barings LLC	Ownership		MMLIC		
0000							Barings US High Yield Bond Fund	IRL	NI A	Barings LLC	Management		MMLIC	[
							Babson CLO Ltd. 2013-1	CYM	NIA	Barings LLC	Influence				
0000							Babson CLO Ltd. 2014-1	CYM	NI A	Barings LLC	Influence		MMLIC		2
0000							Babson CLO Ltd. 2015-1	CYM	NI A	Barings LLC	Influence		MILIC		
0000							Babson CLO Ltd. 2015-11	CYM	NI A	Barings LLC	Influence		MMLIC		5
0000							Babson CLO Ltd. 2016-1	CYM	NI A	Barings LLC	Influence		MMLIC		
							Babson CLO Ltd. 2016-11	CYM	NI A	Barings LLC	Influence		MMLIC		
							Barings CLO Ltd. 2017-1	CYM	NI A	Barings LLC	Influence		MMLIC		<u> </u>
							Barings CLO 2018-III	CYM	NIA	Barings LLC	Influence		. MMLIC		
							Barings CLO 2018-IV	CYM	NI A	Barings LLC	Influence		MMLIC		
							Barings CLO 2019-1	CYM	NI A	Barings LLC	Influence		MMLIC		1
							Babson Euro CLO 2014-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
0000							Babson Euro CLO 2014-11 BV	NLD	NIA	Barings LLC	Influence		MMLIC		1
							Babson Euro CLO 2015-1 BV		NIA	Barings LLC	Influence		MMLIC		1
.0000							Babson Euro CLO 2016-1 BV	NLD.	NIA	Barings LLC	Influence		MMLIC		
							545001 E410 0E0 2010 1 D1			Massachusetts Mutual Life Insurance				[
0000			81-0841854				Barings CLO Investment Partners LP		NIA	Company	Ownership/Influence	99.300	MMLIC		1
			81-0841854				Barings CLO Investment Partners LP		NIA NIA	Barings LLC	Management.			[
0004			0 1-004 1804						INT A		management.				
							Barings Real Estate European Value Add I SCS			Massachusetts Mutual Life Insurance			100	1	
0000								GBR	NI A	Company	Ownership/Influence				<u></u>

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					Name	of Securities			Relation-		Board,	Owner-		SCA	
					E	kchange		Domi-	ship		Management,	ship		Filing	
		NAIC				licly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD		rnational)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
Code	Group Name	Code	Number	N33D	CIA IIILE	malional)		lion	Enuty	(Name of Entity/Person)	Other)	laye	Entity(les)/Feison(s)	(T/N)	
0000							Barings Real Estate European Value Add I SCSp	000	NU A		0	7 100	MMLIC		
							Dening Deal Fatata Francisco Value Add I 000	GBR	NI A	C.M. Life Insurance Company	Ownership	7.100			
							Barings Real Estate European Value Add I SCSp	000	NU A	Designed 11.0	N		144 10		
			82-5330194				Barings Global Em. Markets Equity Fund	GBR	NIA NIA	Barings LLC Barings LLC	Management Management		- MMLIC		
			02-0000 194						NIA	Massachusetts Mutual Life Insurance	management		NMMLTC		
0000			98-1332384				Barings Global Energy Infrastructure Fund I	CYM	NIA		Ownership/Influence	95.200	MMLIC		
			90-1002004				LF		NIA	Company	ownership/inituence		MMLIC		
0000			98-1332384				Barings Global Energy Infrastructure Fund I IP	CYM	NIA	Baring Asset Management Limited	Management		MMLIC		
			90-1002004				E	IRL		Baring Asset Management Limited Barings LLC	Management		MMLIC		
							Barings Global Inv. Grade Strat Fund	I ML	NI A	Massachusetts Mutual Life Insurance	manayement				
.0000							Barings Global Private Loan Fund	LUX	NIA	Company	Ownership/Influence	12,700	MMLIC		
							Barings Global Private Loan Fund Barings Global Private Loan Fund	LUX		Barings LLC	Wanagement		- MMLIC		
							Darrings Grobal Frivate Loan Fund	LUX		Massachusetts Mutual Life Insurance	manayement	-†			
			82-3867745				Barings Global Real Assets Fund LP	DE	NI A	Company	Ownership/Influence	.52.800	MMLIC		
0000			82-3867745				Barings Global Real Assets Fund LP	DE	NIA	C.M. Life Insurance Company	Ownership		MMLIC		
			82-3867745				Barings Global Real Assets Fund LP	DC		Barings LLC	Management		MMLIC		
			02-300//43				Barings Global Special Situations Credit Fund		NI A	Massachusetts Mutual Life Insurance	manayement				
								IRL	NIA	Company	Ownership/Influence		MMLIC		
							Barings Global Special Situations Credit Fund			company	ownership/initidence				
								IRL	NIA	Barings LLC	Management		MMLIC		
							Barings Middle Market CLO 2017-I Ltd & LLC	CYM		Barings LLC	Influence		MMLIC		
0000							Barings Middle Market CLO 2018-1	CYM		Barings LLC	Influence		MMLIC		
							bar migs windere warket ofe 2010 1			Massachusetts Mutual Life Insurance					
0000			38-4010344				Barings North American Private Loan Fund LP .	DE	NIA	Company	Ownership/Influence		MMLIC		
0000			38-4010344				Barings North American Private Loan Fund LP		NIA	Baring Asset Management Limited	Management.		MMLIC		
										Massachusetts Mutual Life Insurance					
			98-1332384				Barings RE Credit Strategies VII LP	DE	NI A	Company	Ownership/Influence		MMLIC		
0000			98-1332384				Barings RE Credit Strategies VII LP	DE		Baring Asset Management Limited	Management.		MMLIC		
							5			Massachusetts Mutual Life Insurance					
			26-4142796				Baring International Small Cap Equity Fund	DE	NIA	Company	Ownership/Influence		MMLIC		
			26-4142796				Baring International Small Cap Equity Fund	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
							Braemar Energy Ventures I, L.P.	DE	NI A	Company	Ownership/Influence		MMLIC		
							Braemar Energy Ventures I, L.P	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
							Braemar Energy Ventures I, L.P.	DE		Barings LLC	Management		MMLIC	.	
							Barings European Core Property Fund SCSp	LUX		MassMutual Holding LLC	Ownership/Influence		MMLIC		
							Barings European Core Property Fund SCSp	LUX		C.M. Life Insurance Company	Ownership		. MMLIC		
							Barings European Core Property Fund SCSp	LUX		Barings Real Estate Advisers LLC	Management		_ MMLIC		
			38-4059932				Benchmark 2018-B2 Mortgage Trust	NY	NI A	Barings LLC	Influence		MMLIC		
							Benchmark 2018-B4	NY		Barings LLC	Influence		MMLIC		
0000			38-4096530				Benchmark 2018-B8	NY	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			36-4770946				Cornerstone High Yield Venture LP	DE DE	NI A	Company	Ownership/Influence		. MMLIC		
			36-4770946				Cornerstone High Yield Venture LP		NI A	Barings Real Estate Advisers LLC	Management				
			20-5578089				Barings Core Property Fund LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence	13.100			
			20-5578089				Barings Core Property Fund LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
			46-5432619				Cornerstone Real Estate Fund X LP	DE	NIA	Company	Ownership/Influence				
			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	C.M. Life Insurance Company	Ownership				
0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance		100			
			35-2531693				Cornerstone Permanent Mortgage Fund III LLC _	MA	NI A	Company	Ownership/Influence		MMLIC		

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						Name of Committee			Deletion			-			
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
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Group		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	auired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
oouc	Cleap Name	Out	Number	HOOD	OIX	international)	Of Athinates	uon	Linuty	Massachusetts Mutual Life Insurance	Other	lage	Entry(ICS)/T CISOT(S)	(1/1)	
			40 5407444				Dening (147 Denking Fund 1D	DE	NIA		Ownership/Influence		MMLIC		
			46-5437441 46-5437441				Barings/LAZ Parking Fund LP		NIA NIA	Company Barings Real Estate Advisers LLC			MMLIC		
			46-543/441	4007500			Barings/LAZ Parking Fund LP				Management				
0000				4007502			Duchess VII CLO B.V.	GBR	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
			20-3887968				E-Wise Land Venture LLC	DE	NI A	Company	Ownership		_ MMLIC		
										Massachusetts Mutual Life Insurance					
			80-0691253				Gateway Mezzanine Partners I, L.P	DE	NI A	Company	Ownership/Influence				
										Massachusetts Mutual Life Insurance					
			90-0991195		0001597511		Gateway Mezzanine Partners II LP	DE	NI A	Company	Ownership/Influence				
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LP	DE	NIA	C.M. Life Insurance Company	Ownership		MMLIC		
			90-0991195				Gateway Mezzanine Partners II LP	DE	NI A	Barings LLC	Management		MMLIC		
							,			Massachusetts Mutual Life Insurance	, , , , , , , , , , , , , , , , , , ,				
0000			37-1708623				Great Lakes III. L.P.		NIA	Company	Ownership/Influence	38,800	MMLIC		1
			37-1708623				Great Lakes III, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			0/ 1/00020				JPMCC Commercial Mortgage Securities Trust			bai niga LEO					
			38-4041011				2017-JP7	NY	NI A	Barings LLC	Management		MMLIC		
			30-4041011						INT A	Darings LLC	management		. MMLIC		
0000			00 4000050				JPMDB Commercial Mortgage Securities Trust	NY	NIA	D : 110			144 10		
0000			38-4032059				2017-C5	NY	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
			20-3887968				Kazwell Realty Partners LLC	DE	NI A	Company	Ownership		_ MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-1512591				KKR-MM Vector LP	DE	NI A	Company	Ownership/Influence		. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-4255307				Marco Hotel LLC	DE	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-3623262				HB Naples Golf Owner LLC	DE	NI A	Company	Ownership				
										Massachusetts Mutual Life Insurance					
0000			81-3000420				MM Debt Participations LLC	DE	NI A	Company	Ownership/Influence		MMLIC		
0000			81-3000420				MM Debt Participations LLC	DE	NIA	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance	о С				
			20-3887968				Oakley Grove Development LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-3887968				Old Pasco Properties LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			20 0001000							Massachusetts Mutual Life Insurance	owner on p				
			82-4411267	1			RB Apartments LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			02-441120/				יוש האמו נווופוונט בבט			Massachusetts Mutual Life Insurance	owner sill p				
0000			75 0001001		1		Destan Asharahara 11.0	DE	NIA		0	100.000	100.10		
0000			75-2901061				Reston Arboretum LLC	VE	NI A	Company	Ownership	100.000	_ MMLIC		
					1					Massachusetts Mutual Life Insurance		100.007			
0000			30-0713071				Riva Portland LLC	DE GBR	NI A	Company	Ownership				
0000							Rockall CLO B.V.		NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			54-2055778				Rockville Town Center LLC	VA	NI A	Company	Ownership		_ MMLIC		
					1					Massachusetts Mutual Life Insurance					
0000			20-8856877				Somerset Special Opportunities Fund L.P	DE	NI A	Company	Ownership/Influence		MMLIC		
			20-8856877				Somerset Special Opportunities Fund L.P	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			20-3887968				South Pasco Properties LLC	DE	NI A	Company	Ownership	100.000	MMLIC		.l
										Massachusetts Mutual Life Insurance					
			35-2553915	1			Ten Fan Pier Boulevard LLC	DE	NIA	Company	Ownership		MMLIC		
			55 L0000 10							Massachusetts Mutual Life Insurance	•				
			30-0336246		1		Tower Square Capital Partners II, L.P	DE	NI A	Company	Ownership/Influence				
			30-0336246				Tower Square Capital Partners II, L.P		NIA NIA	C.M. Life Insurance Company	Ownership		MMLIC		
			JU-UJJ0240				i unei oquare vapitai Partners II, L.P.		A.INI A	U.M. LITE Insurance company	omiel 2006	ນ.ສາມ			

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						Name of Securities			Relation-			Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
	•					,				Massachusetts Mutual Life Insurance	· · · · · · · · · · · · · · · · · · ·	Ŭ	, , , , , , , , , , , , , , , , , , ,		
			32-0160190				Tower Square Capital Partners II-A, L.P	DE	NIA	Company	Ownership/Influence		MMLIC		
0000			41-2280127				Tower Square Capital Partners III, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			41-2280127				Tower Square Capital Partners III, L.P.	DE	NI A	MassMutual Holding LLC	Ownership/Influence		MMLIC		
			41 2200127				Tomer oquare ouprear furthers fir, E.f			Massachusetts Mutual Life Insurance	owner simp/ initiacitiee		. mmE10		
			41-2280129				Tower Square Capital Partners IIIA, L.P	DE	NIA	Company	Ownership/Influence	94.500	MMLIC		
0000			41-2280129				Tower Square Capital Partners IIIA, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			41-2200129				Tower Square capital Faithers TITA, L.F	UE			management.				
0000			00.000007				Tours Course Course In A. J. D.	DE	ALL A	Massachusetts Mutual Life Insurance	O marki (laflana)	01 000			
			80-0920367				Tower Square Capital Partners IV-A, L.P	DE	NIA	Company	Ownership/Influence		MMLIC		+
0000			04 4500050					D-		Massachusetts Mutual Life Insurance		400.000			
			04-1590850				West 46th Street Hotel LLC	DE	NIA	Company	Ownership		MMLIC	·	
		1					Barings Emerging Markets Debt Blended Total								
							Return Fund	IRL	NI A	Barings LLC	Management		MMLIC	.	
		1					Barings Emerging Markets Debt Short Duration	·							
0000							Fund	IRL	NI A	Barings LLC	Management		MMLIC	.	
							Barings Emerging Markets Sovereign Debt Fund	1		-	-				
								IRL	NI A	Barings LLC	Management		MMLIC		
							Babson Capital Loan Strategies Master Fund L	P							
							Saboon suprial Esan strategres master fana E		NIA	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Debt Blended Total			bai niga EEO					
			47-3758432				Return Fund		NI A	Barings LLC	Management		MMLIC		
0000			47-3790192				Barings Global High Yield Fund		NIA	Barings LLC	Management.		MMLIC		
			47-3790192										MMLTC		
			47.0704770				Baring Greater China Equity Fund	HKG	NI A	Baring Asset Management Limited	Management		MMLIC		
			47-3734770				Barings Total Return Bond Fund	MA	NI A	Barings LLC	Management				
0000			47-3801860				Barings U.S. High Yield Fund	MA	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
			71-1018134				Great Lakes II LLC	DE	NI A	Company	Ownership	11.200			
			71-1018134				Great Lakes II LLC	DE	NIA	C.M. Life Insurance Company	Ownership	1.000	MMLIC		
										Massachusetts Mutual Life Insurance					
			04-1590850				Wood Creek Venture Fund LLC	DE	NIA	Company	Ownership				
										Massachusetts Mutual Life Insurance					
			36-4823011				50 Liberty LLC	DE	NIA	Company	Ownership		MMLIC		
			36-4823011				50 Liberty LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance	,				
		1	80-0948028				One Harbor Shore LLC	DE	NIA	Company	Ownership		MMLIC		
0000			80-0948028				One Harbor Shore LLC	DE	NIA	C.M. Life Insurance Company	Ownership		MMLIC		
		1								Massachusetts Mutual Life Insurance			1		1
			81-4382111				Budapester Strasse LLC	DE	NI A.	Company	Ownership		MMLIC	1	
0000			01-4002111				Duuapusiei oliasse LLO			Massachusetts Mutual Life Insurance	0miloi airip		. mmLIV		1
		1	82-2285211				Calmany Bailway Halding LLC	DE	NUA		Ownership	00,000	MMLIC		
							Calgary Railway Holding LLC		NI A	Company	Ownership			· [
			82-2285211				Calgary Railway Holding LLC	. UE	NI A	C.M. Life Insurance Company	Ownership	10.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-3307907				Cornbrook PRS Holdings LLC	DE	NI A	Company	Ownership		MMLIC		
		1								Massachusetts Mutual Life Insurance					
			95-4207717				Cornerstone California Mortgage Fund LLC	CA	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			95-4207717				Cornerstone California Mortgage Fund II LLC	CA	NIA	Company	Ownership				
		1					Cornerstone California Mortgage Fund III LLC	:		Massachusetts Mutual Life Insurance					
			95-4207717					CA	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					1
		1	56-2630592				Cornerstone Fort Pierce Development LLC		NIA	Company	Ownership		MMLIC		
			56-2630592				Cornerstone Fort Pierce Development LLC	DE	NIA	C.M. Life Insurance Company	Ownership		MMLIC		
			JU-2030392				Connersione Fort Frence Development LLC	- vc	INT A	Massachusetts Mutual Life Insurance	omiel 2006				
			45-2632610				Commenters Description for the	MA	ALL A		0		MMLIC	1	
			40-2032010				Cornerstone Permanent Mortgage Fund	MA	NIA	Company	Ownership				

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000	Cloup Name	Oude	45-2632610	HOOD		international)	Cornerstone Permanent Mortgage Fund	MA	NIA	Barings LLC	Management	laye	MMLIC	(1/18)	+
			43-2032010				Corrierscone rermanent wortgage rund			Massachusetts Mutual Life Insurance	management		LIC		
			61-1750537				Cornerstone Permanent Mortgage Fund II	MA	NIA	Company	Ownership	100.000	MMLIC		
			61-1750537				Cornerstone Permanent Mortgage Fund II		NIA	Barings LLC	Management.		MMLIC		
			01 1100001				conterectorie refinatione mer tgage rand rr			Massachusetts Mutual Life Insurance	managomort				
			61-1793735				Cornerstone Permanent Mortgage Fund IV	MA	NIA	Company	Ownership	100.000	MMLIC		
0000			81-0890084				CREA Madison Member LLC	DE	NIA	C.M. Life Insurance Company	Ownership	90.000	MMLIC		
										Massachusetts Mutual Life Insurance					
			82-1563809				CCB Montford Park LLC	DE	NIA	Company	Ownership		MMLIC		
			82-1563809				CCB Montford Park LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-2783393				Danville Riverwalk Venture, LLC	DE	NI A	Company	Ownership				
										Massachusetts Mutual Life Insurance					1
			20-3347091				Fan Pier Development LLC	DE	NI A	Company	Ownership				
0000			20-3347091				Fan Pier Development LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	Company	Ownership		MMLIC		
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	C.M. Life Insurance Company	Ownership				
										Massachusetts Mutual Life Insurance					
0000			81-5360103				Landmark Manchester Holdings LLC	DE	NI A	Company	Ownership		_ MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MM Island Member LLC	DE	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			83-0881588				NoHo West Venture LLC	DE	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				PACO France Logistics LLC	DE	NIA	Company	Ownership		MMLIC		
0000			04 4500050					DE		Massachusetts Mutual Life Insurance	o	400,000	144 10		
0000			04-1590850				PACO France Logistics 2 LLC		NIA	Company	Ownership		_ MMLIC		
			04-1590850				DACO France Logistics 2 110	DE	NIA	Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
			04-1590650				PACO France Logistics 3 LLC	VE	NIA	Company Massachusetts Mutual Life Insurance	ownership				
			82-3393166				Portland 400 Sixth Manager LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	95.000	MMLIC		
			02-3393100				Salomon Brothers Commercial Mortgage Trust				ownership				
.0000							2001-MM	DE	NIA	Barings Real Estate Advisers LLC	Influence		MMLIC		
							2001 mm	<i>UL</i>		Massachusetts Mutual Life Insurance			ETV		
.0000			27-2977720				Sawgrass Village Shopping Center LLC	DE	NIA	Company	Ownership		MMLIC		
.0000			27-2977720				Sawgrass Village Shopping Center LLC		NIA	C.M. Life Insurance Company	Ownership		MMLIC		
			21 2011120							Massachusetts Mutual Life Insurance					
			04-1590850				Spain Avalon Holding LLC		NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			81-5273574				Three PW Office Holding LLC	DE	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			35-2484550				Twenty Two Liberty LLC	MA	NIA	Company	Ownership		MMLIC		
0000			35-2484550				Twenty Two Liberty LLC	MA	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
.0000			45-4606547				UK LIW Manager LLC	DE	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance	-				1
0000			45-4606547				UK LIW Member LLC	DE	NI A	Company	Ownership				
										Massachusetts Mutual Life Insurance					
0000			82-3250684				Unna, Dortmund Holding LLC	DE	NI A	Company	Ownership		_ MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-3281588				Via Ceresio Milan LLC	DE	NI A	Company	Ownership		_ MMLIC		
										Massachusetts Mutual Life Insurance					
.0000		<u></u>	45-5401109				Washington Gateway Apartments Venture LLC	DE	NI A	Company	Ownership		MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	,
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Éntity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
			45-5401109				Washington Gateway Apartments Venture LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
0000			47-1993493				Waterloo London Holdings LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
			47-1993493				Thater roo Eondon Hordings EEC			Massachusetts Mutual Life Insurance	ownership	100.000			
			46-3122029				WeHo Domain LLC	DE	NIA	Company	Ownership	77.400	MMLIC		
0000			46-3122029				WeHo Domain LLC	DE	NI A	C.M. Life Insurance Company	Ownership		MMLIC		
0000			20-5481477				Venetic Veller Fredier	DE	NIA	Massachusetts Mutual Life Insurance	0	00,000			
0000			20-0401477				Ygnatio Valley Funding	VE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	90.000			
			45-3168892				MassMutual Barings Dynamic Allocation Fund	MA	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			51-0529328		0000927972	0Q	MassMutual Premier Main Street Fund	MA	NI A	Company	Ownership				·
0000			26-3229251		0000927972	00	MassMutual Premier Strategic Emerging Markets Fund	МΔ	NIA	Massachusetts Mutual Life Insurance Company	Ownership		MILIC		
					0000021012					Massachusetts Mutual Life Insurance					
0000			04-3277550		0000927972	0Q	MassMutual Premier Value Fund	MA	NI A	Company	Ownership		MMLIC		
0000			44, 4000000		0000040050	~~	MassMutual Select Diversified International	MA		Massachusetts Mutual Life Insurance		0.000			
0000			14-1980900		0000916053	00	Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership				
.0000			01-0821120		0000916053	00	MassMutual Select Diversified Value Fund	MA	NIA	Company	Ownership	1.300	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-3512593		0000916053	OQ	MassMutual Select Fundamental Growth Fund	MA	NI A	Company	Ownership		MMLIC		
0000			04-3513019		0000916053	00	MassMutual Select Large Cap Value Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	0.000	MMLIC		
			04-3313019		0000910055		Massmutual Select Large cap value Fund	mA		Massachusetts Mutual Life Insurance	ownership				
0000			42-1710935		0000916053	0Q	MassMutual Select Mid-Cap Value Fund	MA	NIA	Company	Ownership	17.100	MMLIC		
						~~	MassMutual Select Small Capital Value Equity			Massachusetts Mutual Life Insurance					P
0000			02-0769954		0000916053	00	Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	0.000	MMLIC		
			04-3584140		0000916053	00	MassMutual Select Small Company Value Fund	MA	NIA	Company	Ownership	10.400	MMLIC		
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3347422		0000916053	OQ	2005 Fund	MA	NI A	Company	Ownership	0.700	MMLIC		'
0000			82-3355639		0000916053	00	MassMutual Select T. Rowe Price Retirement 2010 Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	.0.000	MMLIC		
			02-0000009		0000910055		MassMutual Select T. Rowe Price Retirement	MA		Massachusetts Mutual Life Insurance	ownership	0.000			
			82-3382389		0000916053	0Q	2015 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					'
0000			82-3396442		0000916053	QQ	2020 Fund MassMutual Select T. Rowe Price Retirement	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership				··· · /
			82-3417420		0000916053	00	2025 Fund	MA	NIA	Company	Ownership		MMLIC		
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance			-		1
0000			82-3430358		0000916053	0Q	2030 Fund	MA	NI A	Company	Ownership	000.Q	MMLIC		'
			00 0400007		0000010050	00	MassMutual Select T. Rowe Price Retirement 2035 Fund		NIA	Massachusetts Mutual Life Insurance	0	0.000	MMLIC		
			82-3439837		0000916053	00	MassMutual Select T. Rowe Price Retirement	MA	NIA	Company Massachusetts Mutual Life Insurance	Ownership				
			82-3451779		0000916053	0Q	2040 Fund	MA	NI A	Company	Ownership		MMLIC		
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3472295		0000916053	0Q	2045 Fund	MA	NI A	Company	Ownership				···
			82-3481715		0000916053	00	MassMutual Select T. Rowe Price Retirement 2050 Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	.0.000	MMLIC		
			02-0401/10		0000310000	vu	MassMutual Select T. Rowe Price Retirement	m/t		Massachusetts Mutual Life Insurance	omici all p				1
0000			82-3502011		0000916053	0Q	2055 Fund	MA	NI A	Company	Ownership	000.0	MMLIC		
							MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3525148		0000916053	00	2060 Fund	MA	NI A	Company	Ownership			<u></u>	<u></u>

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						Name of Securities			Relation-		Board.	Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Éntity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
					-		MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance	/	, and a			
			82-3533944		0000916053	00	Balanced Fund	MA	NIA	Company	Ownership		MMLIC		
			02 0000011			ou				Massachusetts Mutual Life Insurance					
			46-4257056				MML Series International Equity Fund	MA	NIA	Company	Ownership		MMLIC		
			40-4237030				wine series international equity runu	W/A		Massachusetts Mutual Life Insurance	ownership		LIC		
			47-3517233				MML Series II Asset Momentum Fund	MA	NIA	Company	Ownership		MMLIC		
	,		47-0017200				WWML Serves IT Asset Womentum Fund	MA	NIA	Massachusetts Mutual Life Insurance	Owner simp				
0000			47 0500000				WIL Ornites II Denenis Denel Frend		NIA		0	0.000	188.10		
0000			47-3529636				MML Series II Dynamic Bond Fund	MA	NIA	Company	Ownership				
										Massachusetts Mutual Life Insurance	a				
			47-3544629				MML Series II Equity Rotation Fund	MA	NI A	Company	Ownership		MMLIC		
			17 0550001							Massachusetts Mutual Life Insurance		07.000			
			47-3559064				MML Series II Special Situations Fund	MA	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			27-1933828		0000916053	0Q	MassMutual RetireSMART 2015 Fund	MA	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			27-1933389		0000916053	0Q	MassMutual RetireSMART 2035 Fund	MA	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			27-1932769		0000916053	0Q	MassMutual RetireSMART 2045 Fund	MA	NI A	Company	Ownership				
										Massachusetts Mutual Life Insurance					
			46-3289207		0000916053	0Q	MassMutual RetireSMART 2055 Fund	MA	NI A	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			47-5326235		0000916053	00	MassMutual RetireSMART 2060 Fund	MA	NIA	Company	Ownership	76.400	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-1618155		0000916053	00	MassMutual RetireSMART Conservative Fund	MA	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance					
			45-1618222		0000916053	00	MassMutual RetireSMART Growth Fund	MA	NIA	Company	Ownership		MMLIC		
			IO IOIOEEE			0 u				Massachusetts Mutual Life Insurance					
0000			03-0532464		0000916053		MassMutual RetireSMART In Retirement Fund	MA	NIA	Company	Ownership		MMLIC		
			00 0002101							Massachusetts Mutual Life Insurance					
			45-1618262		0000916053	00	MassMutual RetireSMART Moderate Fund	MA	NIA	Company	Ownership		MMLIC		
			45-1010202		00003100000	04				Massachusetts Mutual Life Insurance			LIC		
0000			45-1618046		0000916053	00	MassMutual RetireSMART Moderate Growth Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
			40-1010040		0000810000					Massachusetts Mutual Life Insurance	- Owner Still			[
0000							OFI Carlyle Private Credit Fund	DE	NIA		Ownership	43,500	MMLIC		
									NIA	Company	Ownership	43.000			
0000			81-5311583				OFI Pictet Global Environmental Solution Fun		NIL A	Massachusetts Mutual Life Insurance	Ownershie	66 500			
			01-0311083					DE	NIA	Company	Ownership		MMLIC		
										Massachusetts Mutual Life Insurance				1	1
0000			93-6305075				Oppenheimer Developing Markets Fund	DE	NI A	Company	Ownership	0.000	MMLIC		
										Massachusetts Mutual Life Insurance				1	1
							Oppenheimer Developing Markets Equity UCITS -	IRL	NI A	Company	Ownership		- MMLIC		
							Oppenheimer Developing Markets Equity UCITS .	IRL	NI A	OppenheimerFunds, Inc.	Management		MMLIC		
							Oppenheimer Emerging Markets Innovators UCITS			Massachusetts Mutual Life Insurance					
								IRL	NI A	Company	Ownership		MMLIC		
							Oppenheimer Emerging Markets Local Debt UCITS			Massachusetts Mutual Life Insurance	1			1	1
0000			34-40740DH					IRL	NI A	Company	Ownership		MMLIC		
0000							Oppenheimer Global Equity UCITS	IRL	NI A	OppenheimerFunds, Inc.	Management		MMLIC		
										Massachusetts Mutual Life Insurance	1				
0000							Oppenheimer Global Focus Equity UCITS Fund	IRL	NI A	Company	Ownership				
			83-1689208				Oppenheimer Global ILS Fund LP	NY	NIA	OppenheimerFunds, Inc.	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
			46-1604428		0001562689	00	Oppenheimer Global Real Estate Fund	DE	NIA	Company	Ownership		MMLIC		
			100 1720			~~	separate inter a cour near Lotate runa			Massachusetts Mutual Life Insurance					
			47-3676235				Oppenheimer Global Multi-Asset Growth Fund	DE	NIA	Company	Ownership		MMLIC	1	1
			+1-3010233						NI M	company					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Туре	lf			
											of Control	Control			
											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-			Management,	ship		Filina	
		NAIC				if Publicly Traded	Names of	ciliary			Attorney-in-Fact,	Provide		Re-	
Grou		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence.	Percen-	Ultimate Controlling	quired?	
Code		Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
000		0000	- turnoor	HOOD	0.11	international	Of 7 timatoo		Entry	Massachusetts Mutual Life Insurance	Guildij	lago		(1/14)	
0000			47-1714929				Oppenheimer Global Multi-Asset Income Fund	DE	NIA	Company	Ownership	43.800	MMLLC		
			11 11 11020							Massachusetts Mutual Life Insurance					
0000			82-2693880				Oppenheimer Global Unconstrained Bond Fund	DE		Company	Ownership		MMLIC		
							Oppenheimer Macquarie Global Infrastructure			Massachusetts Mutual Life Insurance					
0000			81-1080638				Fund	DE	NI A	Company	Ownership		MMLIC		
							Oppenheimer Preferred Securities & Income			Massachusetts Mutual Life Insurance					
			82-3462739				Fund	DE	NI A	Company	Ownership		. MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Oppenheimer Senior Floating Rate Plus Fund	DE	NI A	Company	Ownership				
										Massachusetts Mutual Life Insurance					
0000			47-4835759				Oppenheimer Small Cap Value Fund	DE	NIA	Company	Ownership		MMLIC		
0000			47-3987967					DE		Massachusetts Mutual Life Insurance		45 000	MML IC		
0000			47-3987967				Oppenheimer SteelPath Panoramic Fund	DE	NIA	Company Massachusetts Mutual Life Insurance	Ownership				
0000			27-5013457				Oppenheimer Ultra-Short Duration Fund	DE	NIA	Massachusells Mulual Lite Insurance Company	Ownership	100.000	MMLLC		
0000			21-3013437				Oppenheimer SteelPath MLP & Energy			Massachusetts Mutual Life Insurance	Owner Simp				
0000			82-2222426				Infrastructure Fund			Company	Ownership.		MMLIC		
			SE LLLE420				Oppenheimerfunds ICAV - Developing Markets				omor on p				
0000							Equity UCITS Fund	IRL	NIA	Tremont Group Holdings, Inc.	Ownership.	73,600	MMLIC		
							Oppenheimerfunds ICAV - Global Equity UCITS	1	1						
0000							Fund	IRL	NIA	Tremont Group Holdings, Inc.	Ownership				

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Asterisk	Explanation
1 Massachusetts Mutual Life Insurance Company owns 1.78% of the affiliated	debt of Jefferies Finance LLC
2 Debt investors own 6.7% and includes only Great Lakes III, L.P.	
3 Debt investors own 9.6% and includes only Babson Capital Loan Strategies	Fund, L.P.
4 Debt investors own 5.9% and includes only Great Lakes III, L.P.	·
5 Debt investors own 7.5% and includes only Great Lakes III, L.P.	

SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO to the specific interrogatory will be accepted in lieu of filing a "NONE" report and a bar code will be printed below. If the supplement is required of your company but is not being filed for whatever reason enter SEE EXPLANATION and provide an explanation following the interrogatory questions.

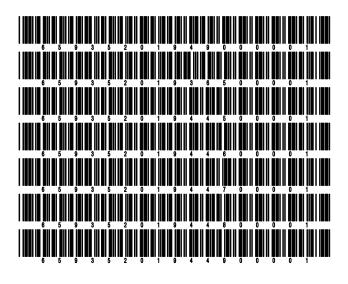
		Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5.	Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
8.	Will the Life PBR Statement of Exemption be filed with the state of domicile by July 1st and electronically with the NAIC with the second quarterly filing per the Valuation Manual (by August 15)? (2nd Quarter Only) The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter.	N/A

Explanation: 1. Not required.

- 2. This line of business is not written by the company.
- 3. Not required
- 4. Not required
- 5. Not required
- 6. Not required
- 7. Not required

Bar Code:

- 1. Trusteed Surplus Statement [Document Identifier 490]
- 2. Medicare Part D Coverage Supplement [Document Identifier 365]
- Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 445]
- 4. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV [Document Identifier 446]
- Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI [Document Identifier 447]
- 6. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
- 7. Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]



STATEMENT AS OF MARCH 31, 2019 OF THE Massachusetts Mutual Life Insurance Company OVERFLOW PAGE FOR WRITE-INS

Addition	al Write-ins for Assets Line 25				
			Current Statement Date	;	4
		1	2	3	December 31
				Net Admitted Assets	Prior Year Net
		Assets	Nonadmitted Assets	(Cols. 1 - 2)	Admitted Assets
2504.	Fully refundable deposits, prepayments and miscellaneous assets				
2505.	Cash advances to agents				
2506.	Pension plan asset				
2507.	Disallowed interest mantenance reserve				
2508.	Intangible assets				
2509.	Commissions and expenses on long-term lease				
2510.	Bills receivable				
2597.	Summary of remaining write-ins for Line 25 from overflow page	1,651,772,274	1,640,305,974	11,466,300	22,091,419

Additional Write-ins for Liabilities Line 25

		1	2
		Current	December 31
		Statement Date	Prior Year
2504.	Funds awaiting escheat and other miscellaneous		
2505.	Deferred income		
2597.	Summary of remaining write-ins for Line 25 from overflow page	104,868,268	93,977,628

Additional Write-ins for Summary of Operations Line 8.3

	1	2	3
	Current Year	Prior Year	Prior Year Ended
	To Date	To Date	December 31
08.304. Revenue sharing			
08.305. Miscellaneous		3,512,948	
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	31,999,661	36,686,547	133,925,202

Additional Write-ins for Summary of Operations Line 27

		1	2	3
		Current Year	Prior Year	Prior Year Ended
		To Date	To Date	December 31
2704.	Miscellaneous charges to operations		1,300,635	
2705.	Change in liability for employee/agent benefit plans		2,817,190	(8,510,950)
2706.	Ceded income on funds withheld			
2797.	Summary of remaining write-ins for Line 27 from overflow page	93,789,840	54,452,623	207,373,160

SCHEDULE A - VERIFICATION Real Estate

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year		
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition		
	2.2 Additional investment made after acquisition		
3.	Current year change in encumbrances	(2,134,993)	(386,999,179)
4.	Total gain (loss) on disposals	7,607,411	170, 141, 914
5.	Deduct amounts received on disposals		
6.	Total foreign exchange change in book/adjusted carrying value		
7.	Deduct current year's other than temporary impairment recognized		
8.	Deduct current year's depreciation		
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)		
10.	Deduct total nonadmitted amounts		
11.	Statement value at end of current period (Line 9 minus Line 10)	469,250,123	488,306,553

SCHEDULE B - VERIFICATION

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book value/recorded investment excluding accrued interest, December 31 of prior year		
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition		
	2.2 Additional investment made after acquisition		
3.	Capitalized deferred interest and other		
4.	2.2 Additional investment made after acquisition	1,400,807	4,764,878
5.	Unrealized valuation increase (decrease)		
6.	Unrealized valuation increase (decrease) Total gain (loss) on disposals		(1,214,062)
7.	Deduct amounts received on disposals		
8.	Deduct amortization of premium and mortgage interest points and commitment fees	(2,569,745)	(2,704,349)
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest		(124,897,312)
10.	Deduct current year's other than temporary impairment recognized		
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		
12.	Total valuation allowance		
13.	Subtotal (Line 11 plus Line 12)		
14.	Deduct total nonadmitted amounts		
15.	Statement value at end of current period (Line 13 minus Line 14)	24,402,314,570	23,623,807,529

SCHEDULE BA - VERIFICATION

Other Long-Term Invested Assets

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	8,643,322,029	7,722,717,021
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition		
	2.2 Additional investment made after acquisition		2,020,426,390
3.	Capitalized deferred interest and other		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease)		
6.	Total gain (loss) on disposals	5,858,939	5,542,359
7.	Deduct amounts received on disposals		
8.	Deduct amortization of premium and depreciation		
9.	Total foreign exchange change in book/adjusted carrying value	5,310,504	(60,633,528)
10.	Deduct current year's other than temporary impairment recognized		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)		
12.	Deduct total nonadmitted amounts		
13.	Statement value at end of current period (Line 11 minus Line 12)	8,644,274,946	8,599,455,873

SCHEDULE D - VERIFICATION

Bonds and Stocks 1 2 Prior Year Ended Year to Date December 31 110,650,590,353 106,837,837,246 Book/adjusted carrying value of bonds and stocks, December 31 of prior year . 1. ...6,701,788,505 28,933,190,148 2. Cost of bonds and stocks acquired ...67,860,508 3. Accrual of discount 332,717,843 ..1,440,127,883 Unrealized valuation increase (decrease) 4. .16,192,962 5. Total gain (loss) on disposals 5,014,032,500 24,859,504,095 Deduct consideration for bonds and stocks disposed of 6. .33,645,491 7. Deduct amortization of premium 9,948,714 ..(573,657,471) Total foreign exchange change in book/adjusted carrying value . 8. 1,392,111,397 17,254,007 9. Deduct current year's other than temporary impairment recognized 48,945,474 ..5,284,880 Total investment income recognized as a result of prepayment penalties and/or acceleration fees 10. 112,719,451,767 Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10) 11. Deduct total nonadmitted amounts. 12. 112,719,451,767 110,650,590,353 Statement value at end of current period (Line 11 minus Line 12) 13.

SCHEDULE D - PART 1B

Showing the Acquisitions, Dispositions and Non-Trading Activity During the Current Quarter for all Bonds and Preferred Stock by NAIC Designation

Dunigui		r all Bonds and Prete		4	5	6	7	8
	Book/Adjusted	_	-		Book/Adjusted	Book/Adjusted	Book/Adjusted	Book/Adjusted
	Carrying Value	Acquisitions	Dispositions	Non-Trading Activity	Carrying Value	Carrying Value	Carrying Value	Carrying Value
NAIC Designation	Beginning of Current Quarter	During Current Quarter	During Current Quarter	During Current Quarter	End of First Quarter	End of Second Quarter	End of Third Quarter	December 31 Prior Year
	of ourient Quarter	Ourient Quarter	Ourient Quarter	Ourient Quarter	Thist Quarter	Second Quarter	Third Quarter	Thorreat
BONDS								
1. NAIC 1 (a)		4,733,780,557	4, 126, 384, 986	(198,276,149)				
2. NAIC 2 (a)			16,782,784,120					
3. NAIC 3 (a)	2,851,626,812	1,271,622,602	1,241,402,054		2,792,333,508			2,851,626,812
4. NAIC 4 (a)	2,004,562,945			(124,779,869)				
5. NAIC 5 (a)	1,496,376,273	16 , 536 , 307			1,509,117,188			1,496,376,273
6. NAIC 6 (a)	350,616,700	2,864,039	23,256,757	77,828,084	408,052,066			350,616,700
7. Total Bonds	100,852,053,782	22,845,287,297	22,590,299,694	43, 179, 551	101,150,220,936			100,852,053,782
PREFERRED STOCK								
8. NAIC 1								
9. NAIC 2				2, 173,600				
10. NAIC 3					141,021,927			140,943,708
11. NAIC 4								
12. NAIC 5				6,345,721				
13. NAIC 6	16,300,001	1,422,035		(6,322,583)	11,399,453			16,300,001
14. Total Preferred Stock	744,092,066	1,511,074		2,196,738	747,799,878			744,092,066
15. Total Bonds and Preferred Stock	101,596,145,848	22,846,798,371	22,590,299,694	45,376,289	101,898,020,814			101,596,145,848

(a) Book/Adjusted Carrying Value column for the end of the current reporting period includes the following amount of short-term and cash equivalent bonds by NAIC designation:

SCHEDULE DA - PART 1

Short-Term Investments								
	1	2	3	4	5 Paid for			
	Book/Adjusted Carrying Value	Par Value	Actual Cost	Interest Collected Year-to-Date	Accrued Interest Year-to-Date			
9199999 Totals	891,059,211	XXX	887,881,857	1,311,056				

SCHEDULE DA - VERIFICATION Short-Term Investments

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	447 , 734 , 452	
2.	Cost of short-term investments acquired		2,219,939,077
3.	Accrual of discount	4,343,500	9,958,973
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals		
6.	Deduct consideration received on disposals		2,290,572,883
7.	Deduct amortization of premium		
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)		
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	891,059,211	447,734,452

SCHEDULE DB - PART A - VERIFICATION

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 9, prior year)	3,628,605,132
2.	Cost Paid/(Consideration Received) on additions	
3.	Unrealized Valuation increase/(decrease)	(468,227,316)
4.	Total gain (loss) on termination recognized	
5.	Considerations received/(paid) on terminations	
6.	Amortization	(233,473)
7.	Adjustment to the Book/Adjusted Carrying Value of hedged item	
8.	Total foreign exchange change in Book/Adjusted Carrying Value	
9.	Book/Adjusted Carrying Value at End of Current Period (Lines 1+2+3+4-5+6+7+8)	3, 101, 975, 020
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	3, 101, 975, 020

SCHEDULE DB - PART B - VERIFICATION

Futures Contracts

1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)				
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cu	umulative Cash Cha	nge column)		
3.1	Add:				
	Change in variation margin on open contracts - Highly Effective Hedges				
	3.11 Section 1, Column 15, current year to date minus				
	3.12 Section 1, Column 15, prior year				
	Change in variation margin on open contracts - All Other				
	3.13 Section 1, Column 18, current year to date minus	108,141,852			
	3.14 Section 1, Column 18, prior year	200,720,383		(92,578,531)	
3.2	Add:				
	Change in adjustment to basis of hedged item				
	3.21 Section 1, Column 17, current year to date minus				
	3.22 Section 1, Column 17, prior year				
	Change in amount recognized				
	3.23 Section 1, Column 19, current year to date minus	108,141,852			
	3.24 Section 1, Column 19, prior year	200,720,383		(92,578,531)	
3.3	Subtotal (Line 3.1 minus Line 3.2)				
4.1	Cumulative variation margin on terminated contracts during the year				
4.2	Less:				
	4.21 Amount used to adjust basis of hedged item				
	4.22 Amount recognized	(58,820,074)			
4.3	Subtotal (Line 4.1 minus Line 4.2)				
5.	Dispositions gains (losses) on contracts terminated in prior year:				
	5.1 Total gain (loss) recognized for terminations in prior year				
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year				(200,720,383)
6.	Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)				
7.	Deduct total nonadmitted amounts				
8.	Statement value at end of current period (Line 6 minus Line 7)				

SCHEDULE DB - PART C - SECTION 1

		Replication (Syn	thetic Asset) Tra	ansactions			/	ansactions Open as of			of the Repli	cation (Synthetic Asset) Trans	sactions		
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Open	1		Cash	n Instrument(s) Held		
l		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds	2				10/01/2012	. 10/01/2042	Interest Rate Swap		(271,225)	42086P-AC-7	Kingsland Ltd-SERIES 18-8A CLASS A	1		
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds	2		11,470,454		10/01/2012	. 10/01/2042	Interest Rate Swap			320808-AD-0	FIRST MARYLAND CAP I-LIMITED GUARANTEE NOTE	2		
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds	2				10/01/2012	. 10/01/2042	Interest Rate Swap			38136M-AC-2	Goldentree Loan Management US Clo 2 Ltd	1		
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds Evergreen Basket of Long Fixed Rate	2				10/01/2012	. 10/01/2042	Interest Rate Swap			09629L-AE-5	BLUEMOUNTAIN CLO XXIII L-BLUEM 2018-23A B Anchorage Capital CLO Lt-ANCHC	1		
57629*AA9	Corp Inv Grade Equiv Bonds Evergreen Basket of Long Fixed Rate	2		5,000,000	4,798,515	10/01/2012	. 10/01/2042	Interest Rate Swap			03328Y-AG-9	2018–1RA C TICP CLO LTD-SERIES 2016–6A CLASS A	1		4,798,515
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		5,600,000	5,274,539	10/01/2012	. 10/01/2042	Interest Rate Swap		(325,523)	87246M-AA-0	ROCKALL CLO BV Variable Funding	1		5,600,062
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		2,483,711			. 10/01/2042	Interest Rate Swap			77277L-A7-2	Note- USD SLM STUDENT LN TR 2006-5-NOTE CL B	1	2,483,711	2,483,711
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		4,342,418		10/01/2012	10/01/2042	Interest Rate Swap			83149E-AG-2	THAYER PARK CLO LTDTHAYR 2017-1A	1	4,342,418	4, 384, 178
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		5,470,000		10/01/2012	10/01/2042	Interest Rate Swap			883310-AE-4	B ROCKFORD TOWER CLO 2018ROCKT 2018-2A A	1		<u>5,443,777</u>
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		6,430,000 4,000,000		10/01/2012	. 10/01/2042	Interest Rate Swap			09628F-AE-9	BlueMountain Fuji US Clo-SERIES 2017-3A CLASS B	1	6,430,000 	
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		4,000,000		10/01/2012	. 10/01/2042	Interest Rate Swap			13876J-AE-2	Canyon Capital CLO Ltd-CANYC 2012- 1RA B	1	4,000,000	
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3				10/01/2012	. 10/01/2042	Interest Rate Swap			88432U-AC-0	Wind River CLO Ltd-SERIES 18-3A CLASS A2	1		
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		6,800,000	6,738,950	10/01/2012	10/01/2042	Interest Rate Swap			03762Y-AH-0	Apidos Clo XXV-APID 2016-25A A2R	1	6,800,000	6,738,950
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/29/2012	. 11/29/2042	Interest Rate Swap		(2,555,175)	14316R-ZZ-6	Carlyle US CLO 2017-5 Re Term Loan	1	19, 165,000	
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,335,553	6,584,091	11/29/2012	11/29/2042	Interest Rate Swap			83149F-AD-6	SLM Student Loan Trust 2006-6 GILBERT PARK CLO LTD-SERIES 17-1A	1	6,335,553	6,584,091
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			15, 399, 204	11/29/2012	11/29/2042	Interest Rate Swap			375415-AA-4	CLASS A	1		15, 399, 204
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			13,052,259	11/29/2012	. 11/29/2042	Interest Rate Swap			14310D-AY-3	2013-2 LTD MEZZ SECD DEF NT 0CP CL0 2017-14 Ltd-SERIES 17-14A	1		
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/29/2012	. 11/29/2042	Interest Rate Swap			67097Q-AC-9	CLASS A1B MASSMUTUAL ASSET FIN LLC SR SECD	1	13, 100,000 .	
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/29/2012	. 11/29/2042	Interest Rate Swap			57542Z-A0-7	REV NT CVP CASCADE CLO LTD-CVPC 2014-2A	1		
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		145, 192, 773		11/29/2012	11/29/2042	Interest Rate Swap Interest Rate Swap			126611-AL-6 94950G-AE-7	A1R WELLFLEET CLO LTD-WELF 2017-1A B	1	145, 192, 773 6, 200, 000	
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5.525.000	5,445,015		11/29/2042	Interest Rate Swap			94950G-AE-7 01748R-AE-5	ALLEGRO CLO V LTD-SERIES 17-1A B CLASS MEZ. FLT	'	5.525.000	5,445,015
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/29/2012	11/29/2042	Interest Rate Swap			38137M-AK-3	Goldentree Loan Opportun-GLD12 2016-12A AJR	1		
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,500,000	4,347,464	11/29/2012	11/29/2042	Interest Rate Swap			03767M-AJ-7	Apidos CLO-APID 2018-29A B	1	4,500,000	4,347,464
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,000,000	4,964,810	11/29/2012	11/29/2042	Interest Rate Swap			17181T-AA-9	CIFC Funding 2018-IV Ltd-SERIES 18- 4A CLASS A1	1		4,964,810
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/27/2012	12/27/2042	Interest Rate Swap		2,396,297	67112K-AC-3	OCP CLO Ltd-SEREIS 18-15A CLASS A3 SOUND POINT CLO LTD-SNDPT 2017-1A C	1		
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,000,000	3,984,312	12/27/2012	12/27/2042	Interest Rate Swap			83609R-AE-1	SOUND POINT CLO LID-SNDPI 2017-1A C Carlyle US CLO 2017-3 Ri Term Loan	1	4,000,000	
57629*AE1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/27/2012	12/27/2042	Interest Rate Swap			14315J-YY-9	Anchorage Capital CLO 3ANCHC	1		
57629*AE1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/27/2012	12/27/2042	Interest Rate Swap			03330A-AC-6	2014-3RA B	1		3, 148, 259
57629*AE1	ABS Bank Loans and Corp Bonds	1				12/27/2012	12/27/2042	Interest Rate Swap			87271L-AJ-1	TIAA CLO I Ltd-TIA 2016-1A AR	1		

SCHEDULE DB - PART C - SECTION 1

			nthetic Asset) Tra	Insactions				Insactions Open as of Cu			of the Repl	ication (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
570001151	Evergreen Basket of Long Fixed Rate			0.000.000	0.050.100	10 107 100 10	10 107 100 10					Carlyle Global Market St-SERIES		0.000.000	0.050.400
57629*AE1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-		8,653,128	12/27/2012	12/27/2042	Interest Rate Swap	-		14310D-AW-7	2013-2A CLASS BR	1		8,653,128
57629*AE1	ABS Bank Loans and Corp Bonds	1	-	13,902,945		12/27/2012	12/27/2042	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE _ CIFC Funding 2017-IV Ltd-SERIES 17-	1	13,902,945	
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,963,612	4,935,150	12/27/2012	12/27/2042	Interest Rate Swap			12551J-AG-1	4A CLASS B	1	4,963,612	4,935,150
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	100.000.000	14.370.083		12/27/2012	12/27/2042	Interest Rate Swap		2.396.297	92977H-AG-3	WACHOVIA STUDENT LOAN TR-WSLT 2005- 1 B	1	14.370.083	
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	•				12/27/2012	12/27/2042	Interest Rate Swap			04964K-AN-1	ATRIUM CDO CORP-SERIES 9A CLASS BR	4	18,990,000	
	Evergreen Basket of Long Fixed Rate														
57629*AD3	ABS Bank Loans and Corp Bonds	1				12/27/2012	12/27/2042	Interest Rate Swap			92912V-AQ-8	VOYA CLO LTD-VOYA 2014-2A A2AR	1		
57629*AD3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			6,791,017	12/27/2012	12/27/2042	Interest Rate Swap			48251B-AA-8	KKR FINANCIAL CLO LTD-KKR 16 A1 Babson CLO Ltd/Cayman Is-BABSN	1		6,791,017
57629*AD3	ABS Bank Loans and Corp Bonds	1		23,000,000		12/27/2012	12/27/2042	Interest Rate Swap			06760P-AE-1	2018–3A A2	1		
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			9,346,537	12/27/2012	12/27/2042	Interest Rate Swap			55821A-AE-8	Madison Park Funding Ltd-SERIES 18- 28A CLASS B	1		
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/27/2012	12/27/2042	Interest Rate Swap			81883A-AC-3	Shackleton 2015-VII-R CL-SERIES 2015-7RA CLASS B	1	8,000,000	
	Evergreen Basket of Long Fixed Rate								-			CARLYLE GLOBAL MARKET ST-SERIES 15-			
57629*AD3	. ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/27/2012	12/27/2042	Interest Rate Swap			14311D-BC-9	1A CLASS BR ARROWMARK COLORADO HOLDI-SERIES 17-	2		3, 438, 936
57629*AD3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,000,000	3,913,080	12/27/2012	12/27/2042	Interest Rate Swap			28622J-AB-3	7A CLASS B GoldentTree Loan Managem-GLM 2018-	1	4,000,000	3,913,080
57629*AF8	ABS Bank Loans and Corp Bonds	1		6,000,000	9, 115, 268	12/28/2012	12/28/2042	Interest Rate Swap			38138B-AG-5	3A B1	1		5,924,058
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			56608K-AA-1	Marble Point CLO XIV Ltd-MP14 2018- 2A A	1		
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			9 650 975	12/28/2012	12/28/2042	Interest Rate Swap			87155M-AC-5	SYMPHONY CLO V LTD-SR SECD NT CL A- 2 144A	1		
	Evergreen Basket of Long Fixed Rate		-						-			MADISON PARK FUNDING LTD-SERIES			
57629*AF8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,000,000	7,000,028	12/28/2012	12/28/2042	Interest Rate Swap			55818X-BA-0	2015-16A CLASS BR WIND RIVER CLO LTD-WINDR 2017-1A B	1	7,000,000	7,000,028
57629*AF8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/28/2012	12/28/2042	Interest Rate Swap			88432M-AC-8	Crestline Denali CLO XIV-SERIES16-	1		
57629*AF8	ABS Bank Loans and Corp Bonds	1		23,000,000		12/28/2012	12/28/2042	Interest Rate Swap			22615M-AL-6	1A CLASS A1R	1		
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			89852T-AN-8	Tryon Park CLO Ltd-TPCLO 2013-1A A1JR	1		
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			2 961 675	12/28/2012	12/28/2042	Interest Rate Swap			87248K-AS-3	TICP CLO VI 2016-5 LTD-TICP 2016-5A	1	3,000,000	2,961,675
	Evergreen Basket of Long Fixed Rate											Wellfleet CLO Ltd-SERIES 18-1A			
57629*AF8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,000,000		12/28/2012	12/28/2042	Interest Rate Swap	- [94950J-AA-9	CLASS A HPS LOAN MANAGEMENT 13-2-HLM 13A-18	I	1,000,000	
57629*AF8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,000,000	3,936,960	12/28/2012	12/28/2042	Interest Rate Swap			40437L-AE-2	A2	1	4,000,000	3,936,960
57629*AF8	ABS Bank Loans and Corp Bonds	1			4,850,668	12/28/2012	12/28/2042	Interest Rate Swap			92917A-AE-6	Voya CLO Ltd-SERIES 18-1A CLASS B _ Wellfleet CLO Ltd-SERIES 18-1A	1		4,850,668
57629*AH4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			61,422,145	12/28/2012	12/28/2042	Interest Rate Swap			94950J-AA-9	CLASS A	1		
57629*AH4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		14,200,000	14, 199, 716	12/28/2012	12/28/2042	Interest Rate Swap			06759F-AB-2	BABSON CLO LTD 2015-II-SERIES 15-2A CLASS AR	1	14,200,000	14, 199, 716
57629*AH4	Evergreen Basket of Long Fixed Rate	1				12/28/2012					04017T-AE-9	Ares XXXIR CLO Ltd-SERIES 14-31RA CLASS B	4		
	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I	-				12/28/2042	Interest Rate Swap				MADISON PARK FUNDING LTD-SERIES 15-	I		
57629*AH4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/28/2012	12/28/2042	Interest Rate Swap			55818Y-BE-0	17A CLASS B1R CIFC Funding 2018-I Ltd-SERIES 18-	1		
57629*AH4	ABS Bank Loans and Corp Bonds	1		4,200,000	4,036,536	12/28/2012	12/28/2042	Interest Rate Swap			12551R-AE-8	1A CLASS C	1	4,200,000	4,036,536
57629*AH4	ABS Bank Loans and Corp Bonds	1		1, 100,000	1,079,939	12/28/2012	12/28/2042	Interest Rate Swap	.		08179M-AC-3	15A A2A	1	1, 100,000	1,079,939
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	100.000.000			12/28/2012	12/28/2042	Interest Rate Swap			09628N-AQ-5	BlueMountain CLO 2015-4 -SERIES 15- 4A CLASS A2R	1	20,000,000	
	Evergreen Basket of Long Fixed Rate	4										SOUND POINT CLO IX LTD-SERIES 2015-			7.910.800
57629*AG6	ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			83609G-AN-5	2A CLASS B1R	1		7,910

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·			nthetic Asset) Tra							Components	of the Repl	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative Ir	nstrument(s) Open				nstrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Long Fixed Rate											GOLDMAN SACHS GROUP INC-SENIOR			
57629*AG6	ABS Bank Loans and Corp Bonds 1	I		3,820,828	3,855,805	12/28/2012	12/28/2042	Interest Rate Swap			38141G-VW-1	UNSECURED	1		
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			12,276,287		12/28/2012	12/28/2042	Interest Rate Swap			63939F-AC-4	Navient Student Loan Tru-SERIES 15- 1 CLASS B	1	12,276,287	
5/029 K00	Evergreen Basket of Long Fixed Rate	·				12/20/2012	12/20/2042	interest nate swap			00000 - 40-4	SLM STUDENT LOAN TRUST-SLMA 2013-3			
57629*AG6	. ABS Bank Loans and Corp Bonds 1	l		8,913,000		12/28/2012	12/28/2042	Interest Rate Swap			78447Y-AD-4	В	1		
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5.000.000	4.865.765	12/28/2012	12/28/2042	Interest Rate Swap			12550G-AE-3	CIFC Funding Ltd-CIFC 2018-5A B	1	5,000,000	4,865,765
57629"A00	Evergreen Basket of Long Fixed Rate		-		4,000,705	12/20/2012	12/20/2042	Interest nate Swap			12000-AE-0	MADISON PARK FUNDING LTD-SERIES			4,005,705
57629*AG6	. ABS Bank Loans and Corp Bonds 1	I				12/28/2012	12/28/2042	Interest Rate Swap			55820T-AC-2	2017-23A CLASS B	1		
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			8,650,000	0 510 000	12/28/2012	12/28/2042	Interest Rate Swap			33882G-AC-2	FLATIRON CLO LTD-FLAT 2017-1A C	1	8,650,000	
5/629^AG6	Evergreen Basket of Long Fixed Rate				8,018,909	12/28/2012	12/28/2042	Interest Hate Swap			33882G-AC-2	FLATIRUN GLU LID-FLAT 2017-TA C	I		
57629*AG6	ABS Bank Loans and Corp Bonds 1	۱		1,000,000		12/28/2012	12/28/2042	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1		
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4,250,000	4,250.017	12/28/2012	12/28/2042	Interest Rate Swap			09626U-AQ-1	BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A	1	4,250,000	4,250,017
5/629^AG6	Evergreen Basket of Long Fixed Rate			4,200,000	4,200,017	12/28/2012	12/28/2042	Interest Hate Swap			090200-AQ-1	DRYDEN SENIOR LOAN FUND-SERIES	I		4,200,017
57629*AG6	. ABS Bank Loans and Corp Bonds 1					12/28/2012	12/28/2042	Interest Rate Swap			26249K-AM-3	2014-36A CLASS CR	1		6, 350, 171
57000±100	Evergreen Basket of Long Fixed Rate			40 704 500	10 010 001	10/00/0010	10 (00 (00 10				78447M-AD-0	SLM STUDENT LOAN TRUST-SERIES 2013-		40 704 500	10 010 001
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		12,794,562		12/28/2012	12/28/2042	Interest Rate Swap			/844/M-AD-U	1 CLASS B Regatta XIV Funding Ltd-SERIES 18-	I		
57629*AG6	ABS Bank Loans and Corp Bonds 1	I		4,250,000	4,221,028	12/28/2012	12/28/2042	Interest Rate Swap			75888M-AG-5	3A CLASS B	1		4,221,028
l	Evergreen Basket of Long Fixed Rate											Regatta XIV Funding Ltd-SERIES 18-			
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate					12/28/2012	12/28/2042	Interest Rate Swap		1,595,605	04965F-AG-6	3A CLASS B MADISON PARK FUNDING XVI-SERIES 15-	1		
57629*AJ0	ABS Bank Loans and Corp Bonds 1	۱		10.000.000	.9.967.650	12/28/2012	12/28/2042	Interest Rate Swap			55819B-AL-4	18A CLASS A1R	1	10,000,000	
1	Evergreen Basket of Long Fixed Rate											NAVIENT STUDENT LOAN TRU-SERIES 17-			
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			9,350,114	12/28/2012	12/28/2042	Interest Rate Swap			63940A-AD-0	4A CLASS B ARES CLO LTD-SERIES 2015 1-A CLASS	1		
57629*AJ0	ABS Bank Loans and Corp Bonds 1	I			9,628,003	12/28/2012	12/28/2042	Interest Rate Swap			00191Y-AM-6	ARES GEO ETD-SENTES 2015 T-A GEASS	1		
	Evergreen Basket of Long Fixed Rate											DRYDEN SENIOR LOAN FUND-SERIES			
57629*AJ0	ABS Bank Loans and Corp Bonds 1	l		7,500,000	7,503,825	12/28/2012	12/28/2042	Interest Rate Swap			26245C-AE-3	2016-43A CLASS B Benefit Street Partners -BSP 2018-	1		7,503,825
57629*AJ0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		1, 100,000	1.079.939	12/28/2012	12/28/2042	Interest Rate Swap			08179M-AC-3	15A A2A	1	1,100,000	
	Evergreen Basket of Long Fixed Rate											Canyon Capital CLO Ltd-CANYC 2012-			
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			2,477,680	12/28/2012	12/28/2042	Interest Rate Swap			13876J-AE-2	1RA B	1		
57629*AJ0	ABS Bank Loans and Corp Bonds 1	I				12/28/2012	12/28/2042	Interest Rate Swap			77342K-AC-4	Rockford Tower CLO 2018-2 Ltd	1		
	Evergreen Basket of Long Fixed Rate											DEER CREEK CLO LTD 2017SERIES 17-			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l				12/28/2012	12/28/2042	Interest Rate Swap		1,595,605	24380L-AE-3	1A CLASS B ASSURANT CLO III LTD-SERIES 2018-2A	1		
57629*AK7	ABS Bank Loans and Corp Bonds 1	l				12/28/2012	12/28/2042	Interest Rate Swap			04624W-AC-1	CLASS A	1		
	Evergreen Basket of Long Fixed Rate											KKR FINANCIAL CLO LTD-SERIES 13-1A			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			13,436,783	12/28/2012	12/28/2042	Interest Rate Swap			48249V-AQ-4	CLASS A2R BENEFIT STREET PARTNERS -SERIES	1		
57629*AK7	ABS Bank Loans and Corp Bonds 1	I	_	4,850,000	4,788.109	12/28/2012	12/28/2042	Interest Rate Swap			08179H-AB-6	2017-12A CLASS A2	1	4,850,000	4,788,109
	Evergreen Basket of Long Fixed Rate														
57629*AL5	ABS Bank Loans and Corp Bonds 1	l				12/28/2012	12/28/2042	Interest Rate Swap		1,595,605	87232A-AE-4	TCI-Flatiron Clo 2018-1 Ltd SLM STUDENT LOAN TRUST-SERIES 2005-	1		
57629*AL5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		10,384,612	10,417,172	12/28/2012	12/28/2042	Interest Rate Swap			78442G-PL-4	4 CLASS B	1	10,384,612	
	Evergreen Basket of Long Fixed Rate											BOWMAN PARK CLO LTD-BOWPK 2014-1A			
57629*AL5	ABS Bank Loans and Corp Bonds 1	l			8,919,946	12/28/2012	12/28/2042	Interest Rate Swap			10302V-BC-8	B1R OAKTREE CLO LTD-SERIES 14-1A CLASS	1		8,919,946
57629*AL5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		6.850.000	6,788,090	12/28/2012	12/28/2042	Interest Rate Swap			674000-AQ-7	OAKTREE CLU LTD-SERTES 14-1A CLASS	1	6,850,000	
	Evergreen Basket of Long Fixed Rate											WIND RIVER CLO LTD-SERIES 17-2A			
57629*AL5	ABS Bank Loans and Corp Bonds 1	l		6,840,000	6,786,121	12/28/2012	12/28/2042	Interest Rate Swap			88433R-AE-2	CLASS B	1		
57629*AL5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		5.000.000	4 938 145	12/28/2012	12/28/2042	Interest Rate Swap			50188Y-AB-0	LCM LTD PARTNERSHIP-LCM 24A B	1	5,000,000	
	Evergreen Basket of Long Fixed Rate			, ,					-			Benefit Street Partners -BSP 2018-			
57629*AL5	ABS Bank Loans and Corp Bonds 1	l		1 , 100 , 000	1,079,939	12/28/2012	12/28/2042	Interest Rate Swap			08179M-AC-3	15A A2A	1		1,079,939
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4,600,000		12/28/2012	12/28/2042	Interest Rate Swap			05875H-AE-3	Ballyrock CLO 2018-1 Ltd-SERIES 2018-1A CLASS B		4,600,000	4,452,202

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		Replication (Syn	thetic Asset) Tra			T	1			Components	of the Repli	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open				nstrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50.000.000			12/28/2012	12/28/2042	Interest Rate Swap			12548J-AE-2	CIFC FUNDING LTD-SERIES 17-3A CLASS	1		
	Evergreen Basket of Long Fixed Rate			,,	,,			Interest hate owap				ALM XIV Ltd-SERIES 14-14A CLASS			, ,
57629*AM3	ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			74988L-AC-8	A2R2	1		
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			00191Y-AP-9	ARES CLO LTD-SERIES 2015 1-A CLASS B2R	1		
57025 Amo	Evergreen Basket of Long Fixed Rate	1				12/20/2012	12/20/2042	Interest hate Swap			001911-AF-9	LCM LTD PARTNERSHIP-SERIES 13A			
57629*AM3	ABS Bank Loans and Corp Bonds	1		4,500,000	4,500,041	12/28/2012	12/28/2042	Interest Rate Swap			50184K-AW-8	CLASS CR	1	4,500,000	4, 500, 041
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,000,000		12/28/2012	12/28/2042	Interest Rate Swap			08181L-AA-5	BENEFIT STREET PARTNERS -BSP 2016- 10A A1	1	5,000,000	5,000,550
57025 Amo	Evergreen Basket of Long Fixed Rate	1				12/20/2012	12/20/2042	Interest hate Swap			001012-44-5	Benefit Street Partners -SERIES 16-			
57629*AM3	ABS Bank Loans and Corp Bonds	1				12/28/2012	12/28/2042	Interest Rate Swap			08181B-AS-8	9A CLASS BR	1		
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	1			12/28/2012	12/28/2042	Interest Rate Swap			94951D-AC-7	Wellfleet CLO 2018-3 Ltd-SERIES 18- 3A CLASS A1B	1		7,935,328
	Evergreen Basket of Long Fixed Rate	1							-			BALLYROCK LTD-SERIES 16-1A CLASS B1			
57629*AM3	ABS Bank Loans and Corp Bonds	1			3,899,914	12/28/2012	12/28/2042	Interest Rate Swap	- -		05875F-AC-1		1		3,899,914
57629*AN1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap		970 116	36248M-AJ-6	GT Loan Financing I Ltd -SERIES 2013-1A CLASS AR	1		
5/025 ANT	Evergreen Basket of Long Fixed Rate	·		, ,		12/01/2012	12/01/2042	Interest hate owap				Carlyle US CLO 2013-2 Re Term Loan			
57629*AN1	ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			14315J-MM-8	·	1		
57629*AN1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			74982L-AS-9	RACE POINT CLO LTD-SERIES 13-8A CLASS CR	1		7,482,156
57629"ANT	Evergreen Basket of Long Fixed Rate	I				12/31/2012	12/31/2042	Tillelest hate Swap			74902L-A3-9	NEUBERGER BERMAN LOAN AD-SERIES	I		/ ,402 , 130
57629*AN1	ABS Bank Loans and Corp Bonds	1			5,752,358	12/31/2012	12/31/2042	Interest Rate Swap			64131Q-AC-4	2017-26A CLASS B	1		5,752,358
57629*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds				10 700 170	10/01/0010	10 /01 /00 /0	Interest Rate Swap			67707C-AE-8	Oak Hill Credit Partners-OAKC 2014- 10RA A2A		0.000.000	0 000 050
5/629*AP6	Evergreen Basket of Long Fixed Rate	1			10,706,172	12/31/2012	12/31/2042	Interest Rate Swap			0//U/U-AE-8	OHA Loan Funding 2013-2 -OHALF	I		9,836,056
57629*AP6	ABS Bank Loans and Corp Bonds	1		25,000,000		12/31/2012	12/31/2042	Interest Rate Swap			67104L-AF-4	2013-2A BR	1		
57629*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			13.850.000		12/31/2012	12/31/2042	Interest Rate Swap			38137P-AU-4	GALAXY CLO LTD-GALXY 2014-18A AR		13.850.000	
5/629°AP6	Evergreen Basket of Long Fixed Rate	1			13,713,300	12/31/2012	12/31/2042	Interest Rate Swap	-		3813/P-AU-4	Waters Corporation Gtd Senior Note	I		13,713,300
57629*AP6	ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			941848-D0-9	Series H	2		
57629*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			74988L-AJ-3	ALM XIV Ltd-SERIES 14-14A CLASS BR2	1		
5/028 APO	Evergreen Basket of Long Fixed Rate	1				12/31/2012	12/31/2042	Interest hate Swap			74300L-A0-3	MADISON PARK FUNDING LTD-SERIES			
57629*AQ4	ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			55820J-AC-4	2016-21A CLASS A2	1		14,300,429
57629*A04	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		15,000,000		12/31/2012	12/31/2042	Interest Rate Swap			48250W-AJ-4	KKR CLO 14 Ltd-KKR 14 BR	1		14,830,755
0/020 Ada	Evergreen Basket of Long Fixed Rate	·				12/01/2012	12/01/2042	Interest hate owap	-		4020011 70 4	TICP CLO VI 2016-5 LTD-TICP 2016-5A			
57629*AQ4	ABS Bank Loans and Corp Bonds	1			4,936,125	12/31/2012	12/31/2042	Interest Rate Swap			87248K-AS-3	A2R	1		4,936,125
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,350,000	4.352.945	12/31/2012	12/31/2042	Interest Rate Swap			020053-AS-3	ALM LOAN FUNDING-SERIES 13-8A CLASS	1	4,350,000	4,352,945
	Evergreen Basket of Long Fixed Rate				, , , , , , , , , , , , , , , , , , , ,							Navient Student Loan Tru-SERIES 15-			
57629*AQ4	ABS Bank Loans and Corp Bonds	1		1,023,024		12/31/2012	12/31/2042	Interest Rate Swap			63939F-AC-4	1 CLASS B	1	1,023,024	
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		8,700,000	8,700,931	12/31/2012	12/31/2042	Interest Rate Swap			59983H-AB-5	MILL CREEK CLO II LTD-SR SECD NT CL B-1 144A	1	8,700,000	8,700,931
	Evergreen Basket of Long Fixed Rate		[[ARROWMARK COLORADO HOLDI-SERIES 17-			
57629*AQ4	ABS Bank Loans and Corp Bonds	1		4,000,000		12/31/2012	12/31/2042	Interest Rate Swap			28622J-AB-3	7A CLASS B Goldentree Loan Opportun-SERIES	1	4,000,000	
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		8,800,000	9,559,931	12/31/2012	12/31/2042	Interest Rate Swap		870.116	38137P-AS-9	Goldentree Loan Opportun-SERIES 2015-10A CLASS AJR	1	8,800,000	8,689,815
	Evergreen Basket of Long Fixed Rate		,,												
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7,301,713	12/31/2012	12/31/2042	Interest Rate Swap			92916M-AC-5	VOYA CLO LTD-VOYA 2017-1A B	1		7,301,713
57629*AR2	ABS Bank Loans and Corp Bonds	1		5,350,000		12/31/2012	12/31/2042	Interest Rate Swap			69689A-AN-0	CLASS A2R	1	5,350,000	
	Evergreen Basket of Long Fixed Rate											Madison Park Funding XX -SERIES			
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7, 298, 753	12/31/2012	12/31/2042	Interest Rate Swap			55819T-AU-5	2016-20A CLASS CR Anchorage Capital CLO Lt-ANCHC	1		7,298,753
57629*AR2	ABS Bank Loans and Corp Bonds	1		13,900,000		12/31/2012	12/31/2042	Interest Rate Swap			03328Y-AE-4	Anchorage Capital GLU LT-ANCHC 2018-1RA B	1	13,900,000	
	Evergreen Basket of Long Fixed Rate											BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A			
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/31/2012	12/31/2042	Interest Rate Swap			09626U-AN-8	A2R	1		
57629*AS0	ABS Bank Loans and Corp Bonds	1	50.000.000	10.011.284	10.770.443	12/31/2012	12/31/2042	Interest Rate Swap		870.116	46616K-AE-4	B	1	10.011.284	9.900.327

SCHEDULE DB - PART C - SECTION 1

		Replication (Syn	thetic Asset) Tra				T			Components	of the Repl	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative Ir	nstrument(s) Open				nstrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Long Fixed Rate											Sound Point CLO II Ltd-SNDPT 2013-			
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7,829,880	12/31/2012	12/31/2042	Interest Rate Swap			83608G-AQ-9	1A A2R Bain Capital Credit CLO -SERIES 18-			7,829,880
57629*AS0	ABS Bank Loans and Corp Bonds	1		15,000,000	14,773,890	12/31/2012	12/31/2042	Interest Rate Swap			05682V-AC-9	2A CLASS A2	l	15,000,000	14,773,890
57000±100	Evergreen Basket of Long Fixed Rate			40,000,000	10,000,010	10 (01 (00 10	10 (01 (00 10				504000 15 4	LCM XIX LTD PARTNERSHIP DEF MEZZ NT		40,000,000	10,000,010
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I				12/31/2012	12/31/2042	Interest Rate Swap			50188Q-AE-1	CL C			
57629*AS0	ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			00900P-AE-5	BA CLASS B	l		
57629*AS0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			08179M-AC-3	Benefit Street Partners -BSP 2018- 15A A2A			1,079,939
57629"#30	Evergreen Basket of Long Fixed Rate	1			1,079,939	12/31/2012	12/31/2042	Tillerest hate Swap			001/911-40-3	TICP CLO VIII LTD-SERIES 2017-8A			1,079,939
57629*AT8	ABS Bank Loans and Corp Bonds	1				12/31/2012	12/31/2042	Interest Rate Swap			87248W-AC-2	CLASS A2			9,850,490
57629*AT8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			3,414,548	12/31/2012	12/31/2042	Interest Rate Swap			674000-AS-3	OAKTREE CLO LTD-SERIES 14-1A CLASS	1		3,414,548
	Evergreen Basket of Long Fixed Rate											KKR FINANCIAL CLO LTD-SERIES 17			
57629*AT8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,900,000	5,833,082	12/31/2012	12/31/2042	Interest Rate Swap			48251F-AB-7	CLASS B Vova CLO 2018-2 Ltd-VOYA 2018-2A B1	l		5,833,082
57629*AT8	ABS Bank Loans and Corp Bonds	1		12,000,000		12/31/2012	12/31/2042	Interest Rate Swap			92917J-AE-7	Voya ULU 2018-2 LTO-VUYA 2018-24 BT	I	12,000,000	
	Evergreen Basket of Long Fixed Rate											Carlyle US CLO 2017-4 Ri Term Loan			
57629*AT8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/31/2012	12/31/2042	Interest Rate Swap			14315C-ZZ-0	MAGNETITE CLO LTD-SERIES 14-11A			
57629*AW1	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap		1,845,899	55953E-AN-0	CLASS BR	l		6,838,462
57000±1₩4	Evergreen Basket of Long Fixed Rate			5 000 000	5 500 505						105501 10 0			5 000 000	5 500 505
57629*AW1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			5,562,525	04/09/2013	04/09/2043	Interest Rate Swap			12550Y-AG-9	CIFC FUNDING LTD-CIFC 2017-2A C BLUEMOUNTAIN CLO LTD-SERIES 17-1A			5,562,525
57629*AW1	ABS Bank Loans and Corp Bonds	1		4,280,000	4 , 236 , 930	04/09/2013	04/09/2043	Interest Rate Swap			09629C-AE-5	CLASS B	l		4,236,930
57000±4₩4	Evergreen Basket of Long Fixed Rate			4,250,000	4 044 700	04/00/0040	04/00/0040				00400// 10 7			4 050 000	4 044 700
57629*AW1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		4,250,000	4,244,700	04/09/2013	04/09/2043	Interest Rate Swap			00163K-AS-7	ALM LOAN FUNDING-ALM 2013-7RA A2R _ ' Shackleton 2015-VII-R CL-SERIES			4,244,700
57629*AW1	ABS Bank Loans and Corp Bonds	1			5,952,888	04/09/2013	04/09/2043	Interest Rate Swap			81883A-AC-3	2015-7RA CLASS B	۱		5,952,888
57629*AW1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7.500.000	7.414.688	04/09/2013	04/09/2043	Interest Rate Swap			77342J-AC-7	Rockford Tower CLO 2018SERIES 18- 1A CLASS B		7,500,000	
57629"AWT	Evergreen Basket of Long Fixed Rate	1				04/09/2013	04/09/2043	Tillerest hate Swap			//042J-AU-/	WELLFLEET CLO 2017-2 LTD-SERIES 17-			
57629*AW1	ABS Bank Loans and Corp Bonds	1		6, 100,000		04/09/2013	04/09/2043	Interest Rate Swap			94951M-AC-7	2A CLASS A2	l		6,027,258
57629*AW1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,330,000	4,298,668	04/09/2013	04/09/2043	Interest Rate Swap			64130H-AE-1	NEUBERGER BERMAN CLO LTD-NEUB 2017- 24A C	I	4,330,000	4,298,668
	Evergreen Basket of Long Fixed Rate											NEUBERGER BERMAN CLO LTD-NEUB 2013-			
57629*AW1	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			64129J-AQ-3	14A A1R	l		
57629*AV3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	.60.000.000	17,970,000		04/09/2013	04/09/2043	Interest Rate Swap		2.013.708	74992*-AD-7	RXR Realty, LLC Senior Secured 2		17,970,000	
	Evergreen Basket of Long Fixed Rate		,,												
57629*AV3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				04/09/2013	04/09/2043	Interest Rate Swap			50188G-AX-1	LCM XVIII LP-LCM 18A A2R EATON VANCE CDO LTD-SERIES 2013-1A	l		
57629*AV3	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			27830B-AQ-7	CLAS A2R			
57000±11/0	Evergreen Basket of Long Fixed Rate			40,000,000	10 700 000						074000 114 4	OHA CREDIT PARTNERS LTD-SERIES		40,000,000	10 700 000
57629*AV3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				04/09/2013	04/09/2043	Interest Rate Swap			67102Q-AK-4	2012–7A CLASS B1R	·		
57629*AV3	ABS Bank Loans and Corp Bonds	1			1,974,650	04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6		l		1,974,650
57629*AX9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	55,000,000	26.000.000	27.632.759	04/09/2013	04/09/2043	Interest Rate Swap		1.925.675	83609Y-AC-0	Sounds Point CLO IV-R LT-SERIES 13- 3RA CLASS A			
JI UZƏ"MAƏ	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			∠/ ,032,759	04/08/2013	04/08/2043	interest nate owap	-	1,920,0/5	000091-AU-U	SLM STUDENT LOAN TRUST-SERIES 2005-	·		£Ə, /U/ ,084
57629*AX9	ABS Bank Loans and Corp Bonds	1		6,041,461	5,991,799	04/09/2013	04/09/2043	Interest Rate Swap			78442G-QA-7	6 CLASS B	l		5,991,799
57629*AX9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.775.000	10.694.166	04/09/2013	04/09/2043	Interest Rate Swap			74982L-AQ-3	RACE POINT CLO LTD-SERIES 13-8A CLASS BR	1	10,775,000	10.694.166
	Evergreen Basket of Long Fixed Rate			, ,								Carlyle US CLO 2013-4 Re Term Loan			, , ,
57629*AX9	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			14315J-RR-2		l		
57629*AY7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	55.000.000	4,450,000	6,376,311	04/09/2013	04/09/2043	Interest Rate Swap		1,925,675	55820R-AG-7	MADISON PARK FUNDING LTD-SERIES 17- 25A CLASS C		4,450,000	4,450,636
	Evergreen Basket of Long Fixed Rate			, , ,								MAGNETITE CLO LTD-SERIES 2017-19A			
57629*AY7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,950,000	1,934,260	04/09/2013	04/09/2043	Interest Rate Swap			55954K-AE-5	CLASS C Carlyle US CLO 2017-1 Ri Term Loan	l		1,934,260
57629*AY7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			14311C-RR-1		l		

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		Replication (Syn	thetic Asset) Tr	ansactions							of the Repl	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative Ir	nstrument(s) Open			Cash	Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Long Fixed Rate	· · ·										ANCHORAGE CAPITAL CLO 20-SERIES 13-			
57629*AY7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			033292-AS-2	1A CLASS A2R	1		
57629*AY7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			5,190,000		04/09/2013	04/09/2043	Interest Rate Swap			00900A-AN-8	AIMCO-SERIES 14-AA CLASS C1R		5, 190,000	
5/629"AT7	Evergreen Basket of Long Fixed Rate	1				04/09/2013	04/09/2043	Interest hate Swap			00900A-AN-0	LCM XIX LTD PARTNERSHIP SR NT CL B	I		
57629*AY7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			50188Q-AC-5		1		
	Evergreen Basket of Long Fixed Rate											Babson CLO Ltd 2016-II-BABSN 2016-			
57629*AY7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			06761C-AC-3	2A BR Tryon Park CLO Ltd-TPCLO 2013-1A	1		
57629*AY7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,000,000		04/09/2013	04/09/2043	Interest Rate Swap			89852T-AN-8	A1.IR	1	1,000,000	
01020 111	Evergreen Basket of Long Fixed Rate											Canyon Capital CLO Ltd-CANYC 2012-			
57629*AY7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			13876J-AE-2	1RA B	1		
57629*AU5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			28,800,000		04/09/2013	04/09/2043	Interest Rate Swap		1 010 000	67110H-AA-6	OZLM XIV LTD SR SECD NT CL A-1A			
5/629°AU5	Evergreen Basket of Long Fixed Rate	1			,424, 187 ,00	04/09/2013	04/09/2043	Interest Rate Swap			0/IIUH-AA-0	BENEFIT STREET PARTNERS -BSP 2017-	I		
57629*AU5	ABS Bank Loans and Corp Bonds	1		15,000,000		04/09/2013	04/09/2043	Interest Rate Swap			08179C-AE-1	11A A2A	1		
	Evergreen Basket of Long Fixed Rate											BALLYROCK CL0 2018-1 LTD-SERIES			
57629*AU5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				04/09/2013	04/09/2043	Interest Rate Swap			05875H-AC-7	2018-1A CLASS A2 MYERS PARK CLO LTD-MYERS 2018-1A A2	1		
57629*AU5	ABS Bank Loans and Corp Bonds	1		1,000,000		04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6	MITERS PARK OLU LID-MITERS 2018-1A A2	1	1,000,000	
0.020 1.00	Evergreen Basket of Long Fixed Rate					0 1/ 00/ 2010	0 17 007 20 10				020101 110 0 11	Marble Point CLO XI Ltd-MP11 2017-			
57629*BA8	ABS Bank Loans and Corp Bonds	1		021,900,000		04/09/2013	04/09/2043	Interest Rate Swap		1,765,840	56607F-AA-3	2A A	1		
57000+D40	Evergreen Basket of Long Fixed Rate			40,400,070	47 040 074	04/00/0040	04/00/0040				66704J-BD-9	NORTHSTAR EDUCATION FINA-SERIES 04-		40,400,070	47 040 074
57629*BA8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I				04/09/2013	04/09/2043	Interest Rate Swap			66/04J-BD-9	2 CLASS B NORTHSTAR EDUCATION FINA-SERIES 05-	I		
57629*BA8	ABS Bank Loans and Corp Bonds	1		16.676.231		04/09/2013	04/09/2043	Interest Rate Swap			66704J-BK-3	1 CLASS B	1	16.676.231	
	Evergreen Basket of Long Fixed Rate			, , ,								Wellfleet CLO Ltd-SERIES 18-1A			
57629*BA8	ABS Bank Loans and Corp Bonds	1			3,449,989	04/09/2013	04/09/2043	Interest Rate Swap			94950J-AC-5	CLASS B	1		3,449,989
57629*BA8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,200,000		04/09/2013	04/09/2043	Interest Rate Swap			22615E-AE-0	Crestline Denali CLO Ltd-SERIES 2018-1A CLASS C	1	3,200,000	
5/ 025 DR0	Evergreen Basket of Long Fixed Rate	'				04/03/2010	04/03/2040	Interest nate owap			22010L AL 0	MYERS PARK CLO LTD-MYERS 2018-1A A2			
57629*BA8	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6		1		
57000+000	Evergreen Basket of Long Fixed Rate			04 500 000	05 457 004	04/00/0040	04/00/0040			4 470 044	047500 44 4	Allegro CLO VII Ltd-ALLEG 2018-1A		04 500 000	00 070 050
57629*BB6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate			034,500,000		04/09/2013	04/09/2043	Interest Rate Swap		1,479,811	01750C-AA-1	Α	I		
57629*BB6	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR	1		
	Evergreen Basket of Long Fixed Rate											Waters Corporation Gtd Senior Note			
57629*BB6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	.			04/09/2013	04/09/2043	Interest Rate Swap			941848-D0-9	Series H	2		7, 100,000
57629*BB6	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			14314L-AE-5	2RA A2	1	5,000,000	
	Evergreen Basket of Long Fixed Rate											CVP CASCADE CL0 LTD-CVPC 2013-CL01			
57629*AZ4	ABS Bank Loans and Corp Bonds	1		20,764,217		04/09/2013	04/09/2043	Interest Rate Swap		1,479,811	126612-AJ-9	A1R	1		
57629*AZ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		22.850.000		04/09/2013	04/09/2043	Interest Rate Swap			26251L-AC-8	DRYDEN 64 CLO LTD-DRSLF 2018-64A A	1		
5/029 R24	Evergreen Basket of Long Fixed Rate					04/03/2013	04/03/2043	Interest nate Swap			2023 IL-AU-0	Babson CLO Ltd 2016-II-BABSN 2016-			
57629*AZ4	ABS Bank Loans and Corp Bonds	1		3,400,000	3,388,382	04/09/2013	04/09/2043	Interest Rate Swap			06761C-AC-3	2A BR	1		3, 388, 382
57000+174	Evergreen Basket of Long Fixed Rate			7 500 000	- 470 405							Neuberger Berman CLO Ltd-NEUB 2019-		7 500 000	7 470 405
57629*AZ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7, 479, 195	04/09/2013	04/09/2043	Interest Rate Swap			64132D-AC-2	32A B VOYA CLO LTD-SERIES 2017-3A CLASS	1		7, 479, 195
57629*BD2	ABS Bank Loans and Corp Bonds	1	100,000,000	6,800,000		03/05/2014	03/05/2034	Interest Rate Swap		10,951,764	92915Q-AE-3	A1B	1	6,800,000	6,667,305
	Evergreen Basket of Long Fixed Rate											THL CREDIT WIND RIVER 20-SERIES			
57629*BD2	ABS Bank Loans and Corp Bonds	1				03/05/2014	03/05/2034	Interest Rate Swap			88434G-AC-9	2017-3A CLASS B KKR FINANCIAL CLO LTD-SERIES 13-1A	1		
57629*BD2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,920,000	4,861,068	03/05/2014	03/05/2034	Interest Rate Swap			48249V-AS-0	CLASS BR	1	4,920,000	4,861,068
	Evergreen Basket of Long Fixed Rate		[MADISON PARK FUNDING LTD-SERIES 15-			
57629*BD2	ABS Bank Loans and Corp Bonds	1				03/05/2014	03/05/2034	Interest Rate Swap			55818Y-BA-8	17A CLASS AR	1		
57629*BD2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		21,015,000	20.907.655	03/05/2014	03/05/2034	Interest Rate Swap			48249V-AN-1	KKR FINANCIAL CLO LTD-SERIES 13-1A CLASS A1R	1		
JI J Z J DD	Evergreen Basket of Long Fixed Rate	'	-	21,010,000		00/ 00/ 2014	00/00/2004	mierest nate swap			TO243V-ANTI	CRESTLINE DENALI CLO XV -SERIES 17-		21,010,000	£0,907,000
57629*BD2	ABS Bank Loans and Corp Bonds	1				03/05/2014	03/05/2034	Interest Rate Swap			22616C-AA-1	1A CLASS A	1		
57000+DD0	Evergreen Basket of Long Fixed Rate			7 000 000		00/05/0011	00.05.0001				40050# 10.0			7 000 000	
57629*BD2	ABS Bank Loans and Corp Bonds	<u> </u>				03/05/2014	03/05/2034	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR	I		

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		Replication (Syn	thetic Asset) Tra	ansactions							of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Oper	1	· · ·	Cash	n Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
	Evergreen Basket of Long Fixed Rate	•										MADISON PARK FUNDING LTD-MDPK 2014-	·		
57629*BD2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				03/05/2014	. 03/05/2034	Interest Rate Swap			55818P-AS-9	12A CR	1		12, 199,610
57629*BC4	ABS Bank Loans and Corp Bonds	1	100.000.000	20,092,471		03/05/2014	03/05/2034	Interest Rate Swap		10.977.111	346845-AC-4	FORT BENNING FAM-UNSECURED	1	20,092,471	
	Evergreen Basket of Long Fixed Rate											CARLYLE GLOBAL MARKET ST-SERIES 15-			
57629*BC4	ABS Bank Loans and Corp Bonds	1				03/05/2014	. 03/05/2034	Interest Rate Swap			14311D-AY-2	1A CLASS BR	1		
57629*BC4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		15,000,000	14 978 130	03/05/2014	03/05/2034	Interest Rate Swap			38137Y-AG-6	Goldentree Loan Manageme-GLM 2019-	1	15,000,000	14,978,130
5/ 025 004	Evergreen Basket of Inverse	·				00/03/2014	_ 00/03/2004	Interest nate owap			0010/1 Au 0	CHINA SOUTHERN POWER GRI-SENIOR	·		
57629*BC4	Floating Rate Corporate Bonds	1				03/05/2014	. 03/05/2034	Interest Rate Swap			16892D-AC-2	UNSECURED	1		
57629*BC4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10,850,000	10 717 010	03/05/2014	03/05/2034	Interest Rate Swap			883310-AC-8	THAYER PARK CLO LTDTHAYR 2017-1A	1	10,850,000	10,717,218
J/029"D04	Evergreen Basket of Long Fixed Rate	· · · · · · · · · · · · · · · · · · ·		10,650,000		03/03/2014	_ 03/03/2034	Interest hate Swap			000010-AU-0	Kavne CLO 4 Ltd-SERIES 19-4A CLASS	· · · · · · · · · · · · · · · · · · ·		
57629*BE0	ABS Bank Loans and Corp Bonds	1		2,800,000		05/19/2014	. 05/19/2044	Interest Rate Swap			48661Y-AA-2	В1	1		2,800,000
57000+050	Evergreen Basket of Long Fixed Rate		1	15 000	44 700 5	05 (10 (00) (05 (10 (00 11				100701.10.5	Canyon Capital CLO Ltd-CANYC 2012-		15 000	44 700 717
57629*BE0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	_ 05/19/2044	Interest Rate Swap			13876J-AC-6	1RA A HIGHBRIDGE LOAN MANAGEME-HLM 11A-17	1		
57629*BE0	ABS Bank Loans and Corp Bonds	1				05/19/2014	05/19/2044	Interest Rate Swap			40436V-AC-5	C	1	9,100,000	8.979.370
	Evergreen Basket of Long Fixed Rate											LCM LTD PARTNERSHIP-SERIES 15A			,,.
57629*BE0	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			50184N-AP-7	CLASS CR	1		
57629*BE0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,600,000	4 602 977	05/19/2014	. 05/19/2044	Interest Rate Swap			65341K-AJ-5	NEXTGEAR FLOORPLAN MASTE-SERIES 2016-1A CLASS A1	1	4,600,000	4,602,977
57029 DL0	Evergreen Basket of Long Fixed Rate					03/13/2014	- 03/ 19/ 2044	Tittelest hate Swap			0304 IN-A0-3	Regatta X Funding Ltd-SERIES 2017-	1		
57629*BE0	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			75884B-AC-2	3A CLASS B	1		
57629*BE0	Evergreen Basket of Long Fixed Rate				44 500 000	05 (40 (0044	05 (40 (00 44				42086P-AC-7	Kingsland Ltd-SERIES 18-8A CLASS A		44,000,440	44 500 000
5/629^BE0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate					05/19/2014	. 05/19/2044	Interest Rate Swap			42086P-AC-7	Carlyle US CLO 2017-2 Ri Term Loan			
57629*BE0	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			14315J-ZZ-5		1		
	Evergreen Basket of Long Fixed Rate											OHA CREDIT PARTNERS LTD-OAKC 2013-			1
57629*BF7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2034	Interest Rate Swap		10,011,882	67105V-AW-4	9A B1R Rockford Tower CLO 2018SERIES 18-	1		
57629*BF7	ABS Bank Loans and Corp Bonds	1		50,000,000	49.413.150	05/19/2014	05/19/2034	Interest Rate Swap			77342J-AA-1	1A CLASS A	1	50,000,000	
	Evergreen Basket of Long Fixed Rate											Neuberger Berman CLO Ltd-NEUB 2018-			
57629*BF7	ABS Bank Loans and Corp Bonds	1			6,901,272	05/19/2014	. 05/19/2034	Interest Rate Swap			64130P-AE-3	28A B	1		6,901,272
57629*BF7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		20,000,000	19 938 660	05/19/2014	05/19/2034	Interest Rate Swap			13080B-AB-7	SYMPHONY CLO LTD-SERIES 13-12A CLASS B1R	1	20,000,000	19.938.660
01020 011	Evergreen Basket of Long Fixed Rate			20,000,000		00/ 10/ 2014	. 00/10/2004				100000 /10 /	Greywolf CLO V Ltd-GWOLF 2015-1A			
57629*BF7	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2034	Interest Rate Swap			39808P-AL-0	A1R	1		
57629*BF7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			0 001 500	05/19/2014	05/19/2034	Interest Rate Swap			04017Q-AE-5	ARES CLO Ltd-SERIES 18-28RA CLASS B	1		
51525 017	Evergreen Basket of Long Fixed Rate	1			0,034,383	00/ 10/ 2014	. 00/ 10/ 2004	microsi naie owap			0401/Q-ME-0	Kingsland Ltd-SERIES 18-8A CLASS A	1		
57629*BG5	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			42086P-AC-7		1		
57629*BG5	Evergreen Basket of Long Fixed Rate		1	17 000 100	17 047 507	05 (10 (0014	05/19/2044	Internet Data Owen			83715R-AG-7	SOUTH CAROLINA STUDENT L-SERIES		17 000 100	
5/029^BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/ 19/2044	Interest Rate Swap			03/15H-AG-/	2014-1 CLASS B CIFC Funding 2018-IV Ltd-SERIES 18-	I		17,047,527
57629*BG5	ABS Bank Loans and Corp Bonds	1		4,000,000	3,971,848	05/19/2014	05/19/2044	Interest Rate Swap			17181T-AA-9	4A CLASS A1	1	4,000,000	3,971,848
	Evergreen Basket of Long Fixed Rate											GOAL CAPITAL FUNDING TRU-SERIES			I
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,308,212	6,246,163	05/19/2014	. 05/19/2044	Interest Rate Swap			38021B-AG-5	2006-1 CLASS B HIGHER EDUCATION FUNDING-SERIES	1		6,246,163
57629*BG5	ABS Bank Loans and Corp Bonds	1		4,180,215	4,449,149	05/19/2014	05/19/2044	Interest Rate Swap			429827-AS-7	2004-1 CLASS B2	1	4, 180, 215	4,449,149
	Evergreen Basket of Long Fixed Rate											Palmer Square CLO 2018-1-PLMRS			
57629*BG5	ABS Bank Loans and Corp Bonds	1			9,733,180	05/19/2014	. 05/19/2044	Interest Rate Swap			69703P-AC-3	2018-1A A2	1		
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		9.050.000	8 846 792	05/19/2014	05/19/2044	Interest Rate Swap			06760E-AE-6	Babson CLO Ltd 2013-I-SERIES 2013- IA CLASS CR	1	9,050,000	8,846,782
	Evergreen Basket of Long Fixed Rate	'										Navient Student Loan Tru-SERIES 18-			
57629*BG5	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			63940D-AD-4	1A CLASS B	1		
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	1	7,750,000	7 600 000	05/19/2014	05/19/2044	Interest Rate Swap			64131T-AG-9	Neuberger Berman CLO XVI-SERIES 17- 16SA CLASS C	1	7,750,000	7,609,066
J/029"D0J	Evergreen Basket of Long Fixed Rate	'	· [00/ 19/ 2014	00/ 19/ 2044	interest nate Swap			041311-AU-9	Anchorage Capital CLO 3-ANCHC	'		
57629*BG5	ABS Bank Loans and Corp Bonds	1			7,217,685	05/19/2014	. 05/19/2044	Interest Rate Swap			03330A-AE-2	2014–3RA C	1		
57000+005	Evergreen Basket of Long Fixed Rate					05 (40 (00 1)	05 (40 (00 4				004071/ 011 7	Goldentree Loan Opportun-SERIES	L		
57629*BG5	ABS Bank Loans and Corp Bonds	1			7,817,672	05/19/2014	05/19/2044	Interest Rate Swap			38137H-BW-7	2015-11A CLASS BR2	1		

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		Replication (Syr	thetic Asset) Tr	ansactions	rophoad			ansactions Open as of			of the Repli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivativ	e Instrument(s) Oper	<u>.</u> ו		Cash	Instrument(s) Held		-
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds						. 05/19/2044	Interest Rate Swap	, aldo		39808P-AN-6	Greywolf CLO V Ltd-GWOLF 2015-1A A2R	1		
57629*BG5	Evergreen Basket of Long Fixed Rate			8.050.000		05/19/2014	05/19/2044	Interest Rate Swap			06760G-AC-5	Barings CLO Ltd 2018-I-SERIES 18-1A CLASS B	4	8,050,000	7,754,613
	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	· · · · · · · · · · · · · · · · · · ·										Allegro CLO VI Ltd-ALLEG 2017-2A C	·		
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			01749B-AC-3	BARINGS CLO LTD 2018-IV-SERIES 18-	1		5,553,152
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	_ 05/19/2044	Interest Rate Swap			06760X-AC-8	4A CLASS A2 Madison Park Funding XIV-MDPK 2014-	1		
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap		19,425,981	55818R-BC-9	14A CRR SLC STUDENT LOAN TRUST 2-SERIES 07-	1		8,508,356
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2,352,892	05/19/2014	. 05/19/2044	Interest Rate Swap			784424-AE-3	1 CLASS B OHA LOAN FUNDING LTD-OHALF 2012-1A	1	2,414,620	2,352,892
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			14,999,595	05/19/2014	. 05/19/2044	Interest Rate Swap			67091H-AK-7	B1R BLUEMOUNTAIN CLO LTD-SERIES 16-2A	1		14,999,595
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			09628W-AC-6	CLASS A2 Palmer Square CLO 2013-2-SERIES 13-	1		
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			69688A-AA-9	Paimer Square GLO 2013-2-SERIES 13- 2A CLASS AARR BRISTOL PARK CLO LTD-SERIES 2016-1A	1		
57629*BH3	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			11014P-AB-1	CLASS B	1		
57629*BH3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			056828-AC-0	BAIN CAPITAL CREDIT CLO -SERIES BCC 2016-2A CLASS B	1	12, 150,000	12, 131, 435
57629*BH3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,024,613	3,073,105	05/19/2014	. 05/19/2044	Interest Rate Swap			23340L-AA-2	DRB PRIME STUDENT LOAN T-SERIES 2015-B CLASS A1	1		3,073,105
57629*BH3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			22101#-AA-6	CORVIAS CAMPUS LIVING - HU, LLC - Sr Secd Note	2		
57629*BJ9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	150.000.000	133,500,000	150.866.224		05/19/2044	Interest Rate Swap		19.083.434	858102-AX-4	Steele Creek CLO 2016-1 -SERIES 2016-1A CLASS AR	1	133,500,000	
57629*BJ9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.000.000		05/19/2014	05/19/2044	Interest Rate Swap			04625A-AC-8	ASSURANT CLO I LTD-SERIES 17-1A CLASS B	1		
57629*BJ9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7.000.000			05/19/2044	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR	1	7.000.000	
	Evergreen Basket of Long Fixed Rate											Steele Creek CLO 2014-1 -SERIES 14-			···· / ·
57629*BK6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate						. 05/19/2044	Interest Rate Swap		19,083,434	85816W-AC-8	1RA CLASS A			
57629*BK6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			88322U-AM-1	THACHER PARK CLO-THRPK 2014-1A BR . Harbor Park CLO, Ltd-HAR-HARB 2018-	1		14,999,655
57629*BK6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			5, 151,962	05/19/2014	. 05/19/2044	Interest Rate Swap			41154X-AG-0	1A B1 CIFC Funding 2018-IV Ltd-SERIES 18-	1	5,200,000	5, 151,962
57629*BL4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		05,000,000 .		05/19/2014	. 05/19/2044	Interest Rate Swap		19, 140, 525	17181T-AA-9	4A CLASS A1 ATLAS SENIOR LOAN FUND L-SERIES	1	5,000,000	4,964,810
57629*BL4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			04943A-AC-3	2017-8A CLASS B	1		25, 106, 708
57629*BL4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014	. 05/19/2044	Interest Rate Swap			87159Q-BG-2	Harbour Aircraft Investm Series	1		
57629*BL4	ABS Bank Loans and Corp Bonds	1		23,615,816	23,939,227	05/19/2014	_ 05/19/2044	Interest Rate Swap			G4301U-AH-7	2017-1 C	1	23,615,816	23,939,227
57629*BL4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			67104L-AE-7	0HA Loan Funding 2013-2 -0HALF 2013-2A AR	1		
57629*BL4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			3,939,704	05/19/2014	_ 05/19/2044	Interest Rate Swap			94949R-AW-7	Wellfleet CLO 2016-1 Ltd-WELF 2016- 1A CR	1	4,000,000	3,939,704
57629*BL4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			50200Y-AG-3	LCM 30A B	1		
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		44,982,148		05/19/2014	_ 05/19/2044	Interest Rate Swap		19, 154, 798	42086P-AC-7	Kingsland Ltd-SERIES 18-8A CLASS A	1	44,982,148	
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			G7818N-ZZ-5	SASOL CHEMICALS (USA) LL TERM LOAN	2		
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,790,357		05/19/2014	05/19/2044	Interest Rate Swap			00764M-GG-6	AEGIS ASSET BACKED SECUR-SERIES 2005-4 CLASS M1	1	5,790,357	
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4, 145, 899		05/19/2014	05/19/2044	Interest Rate Swap			247358-CC-6	EAIV Delta MSN 15181	1	4, 145, 899	
	Evergreen Basket of Long Fixed Rate	I										Oak Hill Credit Partners-OAKC 2014- 10RA B	4		
57629*BM2	ABS Bank Loans and Corp Bonds	l				05/19/2014	05/19/2044	Interest Rate Swap			67707C-AJ-7	IUHA B	1		14,886,195

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		Replication (Syn	thetic Asset) Tra	ansactions		(-)	,	ansactions Open as of			of the Repli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Oper				Instrument(s) Held		
		NAIC Designation or		Book/Adjusted	-			9	10 Book/Adjusted	11	12	13	14 NAIC Designation or	15 Book/Adjusted	16
Number	Description	Other Description	Notional Amount	Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Carrying Value	Fair Value	CUSIP	Description	Other Description	Carrying Value	Fair Value
	Evergreen Basket of Long Fixed Rate	•										NEUBERGER BERMAN CLO LTD-NEUB 2017-	•		
57629*BM2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/19/2014		Interest Rate Swap			64130H-AA-9	24A A NEUBERGER BERMAN CLO LTD-NEUB 2017-	1		
57629*BM2	ABS Bank Loans and Corp Bonds	1		13,600,000		05/19/2014	05/19/2044	Interest Rate Swap			64130H-AC-5	24A B1	1	13,600,000	13,452,753
	Evergreen Basket of Long Fixed Rate											SENECA PARK CLO LTD-SPARK 2014-1A			
57629*BM2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			14,999,715	05/19/2014		. Interest Rate Swap			817176-AN-0	B1R LA Stadium Finance Compa Senior	1		14,999,715
57629*BM2	ABS Bank Loans and Corp Bonds	1		15,800,000		05/19/2014	05/19/2044	Interest Rate Swap			50512#-AE-2	Secured	2		
57000+DW0	Evergreen Basket of Long Fixed Rate			4 947 995	4 005 500	05 (10 (00 ()	05 (10 (00 (1					NELNET STUDENT LOAN TRUS-SERIES		4 947 995	4 005 500
57629*BM2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,917,685 .	4,905,568	05/19/2014	. 05/19/2044	. Interest Rate Swap			64033L-AD-2	2014–2A CLASS B AVERY POINT CLO LTD-SERIES 14–1A	I	4,917,685	4,905,568
57629*BN0	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			05363U-AS-2	CLASS AR	1		104,082,212
57629*BN0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,600,000	E E60 E07	05/19/2014	05/19/2044	Interest Rate Swap			17181T-AA-9	CIFC Funding 2018-IV Ltd-SERIES 18- 4A CLASS A1	1	5,600,000	5, 560, 587
57029"DINU	Evergreen Basket of Long Fixed Rate	1				03/ 19/ 2014	03/ 19/ 2044	Interest hate Swap			1/1011-44-9	Golub Capital Partners C-GOCAP	I		
57629*BN0	ABS Bank Loans and Corp Bonds	1				05/19/2014	. 05/19/2044	Interest Rate Swap			38176D-AJ-8	2015–26A A2R	1		
57629*BP5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		27.406.967		05/09/2014	05/09/2034	Interest Rate Swap		7.992.582	77277L-B8-9	ROCKALL CLO BV Variable Funding Note - GBP	1		
	Evergreen Basket of Long Fixed Rate	1		, , ,	, ,							Apollo Credit Funding IV-SERIES 4A	1		, , ,
57629*BP5	ABS Bank Loans and Corp Bonds	1				05/09/2014		Interest Rate Swap			03765W-BC-1	CLASS A1BR	1		14,765,505
57629*BP5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		13,570,000	13 514 580	05/09/2014	. 05/09/2034	Interest Rate Swap			04016P-AC-2	ARES CLO LTD-SERIES 17-43A CLASS B	1	13,570,000	
	Evergreen Basket of Long Fixed Rate											CRESTLINE DENALI CLO XV -SERIES 17-			
57629*BP5	ABS Bank Loans and Corp Bonds	1				05/09/2014	05/09/2034	Interest Rate Swap			22616C-AC-7	1A CLASS B ROCKFORD TOWER CLO 2018ROCKT	1		
57629*BP5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		13.570.000	13 445 210	05/09/2014	05/09/2034	Interest Rate Swap			77342K-AA-8	2018-2A A	1	13.570.000	
	Evergreen Basket of Long Fixed Rate											Bain Capital Credit CLO -SERIES 1A			
57629*BP5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				05/09/2014		Interest Rate Swap			05683L-AG-1	CLASS C OHA Credit Partners XV L-SERIES 17-	1		3,757,264
57629*BR1	ABS Bank Loans and Corp Bonds	1		13,100,000		07/22/2014	. 07/22/2044	Interest Rate Swap			67707B-AB-6	15A CLASS B	1		
	Evergreen Basket of Long Fixed Rate											Regatta XIII Funding LLC-SERIES 18-			
57629*BR1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				07/22/2014		Interest Rate Swap			75888F-AE-5	2A CLASS A2 OHA Credit Funding 1 LTD-SERIES 18-	1		
57629*BR1	ABS Bank Loans and Corp Bonds	1				07/22/2014	. 07/22/2044	Interest Rate Swap			67115W-AG-5	1A CLASS B	1		7,902,832
57000±004	Evergreen Basket of Long Fixed Rate			15.000.000	44 700 000	07/00/0044	07 (00 (00 44				17180W-AC-9	CIFC Funding 2018-II Ltd-CIFC 2018-		45,000,000	44 700 000
57629*BR1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			14,732,880	07/22/2014	. 07/22/2044	Interest Rate Swap			1/180W-AC-9	2A A2 Anchorage Capital CLO Lt-SERIES	1		14,732,880
57629*BR1	ABS Bank Loans and Corp Bonds	1				07/22/2014		Interest Rate Swap			03329A-AE-5	2014-5RA CLASS B	1		
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		9.532.886	0 576 000	07/22/2014	07/22/2044	Interest Rate Swap			247361-PP-9	DELTA AIR LINES INC AIRBUS A330-200 N856NW	1	9,532,886	
5/029"Dh I	Evergreen Basket of Long Fixed Rate	1		9,002,000		0//22/2014	0772272044	interest hate swap			24/301-FF-9	CARLYLE GLOBAL MARKET ST-SERIES 17-	I		
57629*BR1	ABS Bank Loans and Corp Bonds	1				07/22/2014	. 07/22/2044	Interest Rate Swap			14315J-AL-3	2A CLASS A1B	1		
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,900,000	5 837 106	07/22/2014	07/22/2044	Interest Rate Swap			40436X-AG-2	HIGHBRIDGE LOAN MANAGEME-SERIES 2014 CLASS BR	1	5,900,000	
	Evergreen Basket of Long Fixed Rate	1													
57629*BR1	ABS Bank Loans and Corp Bonds	1			14,397,790	07/22/2014		Interest Rate Swap			553205-AC-9	MP CLO III LTD-MP3 2013-1A AR	1		14,397,790
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		20,000,000	35,310,838	07/22/2014	07/22/2044	Interest Rate Swap			36248M-AJ-6	GT Loan Financing Ltd -SERIES 2013-1A CLASS AR	1	20,000,000	
	Evergreen Basket of Long Fixed Rate														
57629*BT7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			14,797,410	07/22/2014		Interest Rate Swap			48251M-AS-5	KKR CLO 15 Ltd-KKR 15 A2R WIND RIVER CLO LTD-SERIES 17-2A	1		14,797,410
57629*BT7	ABS Bank Loans and Corp Bonds	1				07/22/2014	. 07/22/2044	Interest Rate Swap			88433R-AC-6	CLASS A	1		
	Evergreen Basket of Long Fixed Rate														
57629*BT7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				07/22/2014	. 07/22/2044	Interest Rate Swap			04016P-AA-6	ARES CLO LTD-ARES 2017-43A A CEDAR FUNDING LTD-SERIES 13-1A	1		19, 458, 348
57629*BT7	ABS Bank Loans and Corp Bonds	1				07/22/2014	. 07/22/2044	Interest Rate Swap			15032T-AW-6	CLASS BR	1		8,401,698
57000±077	Evergreen Basket of Long Fixed Rate			0,000,000	7 055 000	07/00/0044	07 (00 (00 44				10551145.0	CIFC FUNDING LTD-SERIES 17-4A CLASS		0,000,000	7 055 000
57629*BT7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				07/22/2014	. 07/22/2044	Interest Rate Swap			12551J-AE-6	A2 BABSON CLO LTD-SERIES 17-1A CLASS C	1		7,955,968
57629*BT7	ABS Bank Loans and Corp Bonds	1			5, 100, 163	07/22/2014	. 07/22/2044	Interest Rate Swap			06760B-AJ-1		1		5, 100, 163
57600*DT7	Evergreen Basket of Long Fixed Rate	4		5,100,000	E 047 050	07/22/2014	07/00/0044	Internet Data Corre			566061-AE-7	MARBLE POINT CLO X LTD-SERIES 2017- 1A CLASS B	1	5,100,000	5.047.659
57629*BT7	ABS Bank Loans and Corp Bonds	I		5,100,000	5,047,659	07/22/2014	07/22/2044	Interest Rate Swap			506061-AE-/	IA ULASS B	1	5,100,000	5,047,659

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		Replication (Synt	thatia Accat) Tr	ancactions	Replicatio	on (Syntheti	c Asset) Tra	nsactions Open as of C	Surrent Statemen		of the Popl	ication (Synthetic Asset) Trans	actions		
1	2			5	6	7	8	Derivative	Instrument(s) Open				Instrument(s) Held		
	2	5	4	5	0	'	0	9		11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			55818Y-BG-5	MADISON PARK FUNDING LTD-SERIES 15- 17A CLASS CR	1		
01020 011	Evergreen Basket of Long Fixed Rate			, , ,								OHA CREDIT PARTNERS LTD-SERIES			
57629*BT7	ABS Bank Loans and Corp Bonds	1			2,975,173	04/09/2013	04/09/2043	Interest Rate Swap			67102Q-AP-3	2012-7A CLASS CR	1	2,975,000	2,975,173
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6.540.000	6 541 070	04/09/2013	04/09/2043	Interest Rate Swap			87231L-AC-5	TCI-CENT CL0 2016-1 LTDTCENT 2016-1A A2	1		
5/025 017	Evergreen Basket of Long Fixed Rate					04/03/2010	04/03/2040	Interest nate owap				WELLFLEET CLO LTD-WELF 2017-1A A1			
57629*BT7	ABS Bank Loans and Corp Bonds	1				04/09/2013	04/09/2043	Interest Rate Swap			94950G-AA-5		1		
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,000,000		04/09/2013	04/09/2043	Interest Rate Swap			41154X-AL-9	Harbor Park CLO, Ltd-HARB 2018-1A C	1	4.000.000	3.888.520
5/029"B1/	Evergreen Basket of Long Fixed Rate	I				04/09/2013	04/09/2043	Interest hate Swap			41104A-AL-9		I	4,000,000	
57629*BU4	ABS Bank Loans and Corp Bonds	1		0		07/22/2014	07/22/2044	Interest Rate Swap			04014W-AL-9	ARES CLO LTD-ARES 2014-1A A2R	1		
57629*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			15.988.513	45 004 004	07 (00 (0044	07/00/00/4	Interest Rate Swap			85816L-AA-6	Steele Creek Clo 2018-2 -SERIES 2018-2A CLASS A			45 004 004
5/629°B04	Evergreen Basket of Long Fixed Rate	I				0//22/2014	07/22/2044	Interest Hate Swap			808 IOL-AA-0	Carlyle US CLO 2013-1 Re Term Loan	I		
57629*BU4	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			14315J-SS-9	· · · · · · · · · · · · · · · · · · ·	1		
57000+DU4	Evergreen Basket of Long Fixed Rate			47 000 000	40,000,500	07 (00 (0044	07 (00 (00 14				55040D AN 0	MADISON PARK FUNDING LTD-MDPK 2014-		47,000,000	40,000,500
57629*BU4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I				0//22/2014	07/22/2044	Interest Rate Swap			55818P-AN-0	. 12A B1R MADISON PARK FUNDING LTD-MDPK 2016-	I		
57629*BU4	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			55820N-AE-1	24A C1	1		
	Evergreen Basket of Long Fixed Rate											GoldentTree Loan Managem-GLM 2017-			
57629*BU4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			6,850,127	07/22/2014	07/22/2044	Interest Rate Swap			38136F-AL-7	LCM LTD PARTNERSHIP-SERIES 15A	1		6,850,127
57629*BU4	ABS Bank Loans and Corp Bonds	1		5,650,000		07/22/2014	07/22/2044	Interest Rate Swap			50184N-AN-2	CLASS BR	1	5,650,000	5,610,009
	Evergreen Basket of Long Fixed Rate											MOSAIC CO/THE-SENIOR UNSECURED NOTE			
57629*BU4	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			61945C-AA-1	RRPF Engine Leasing Ltd Senior	2		
57629*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		23.000.000	21.390.299	07/22/2014	07/22/2044	Interest Rate Swap			G7332#-AG-8	Secured	1	23,000,000	21,390,299
	Evergreen Basket of Long Fixed Rate											ARES CLO Ltd-SERIES 18-28RA CLASS B			,,
57629*BV2	ABS Bank Loans and Corp Bonds	1		0		07/22/2014	07/22/2044	Interest Rate Swap			04017Q-AE-5	REGATTA VIII FUNDING LTD-SERIES	1		
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7,600,000	7.558.633	07/22/2014	07/22/2044	Interest Rate Swap			75888K-AC-8	2017-1A CLASS B	1	7,600,000	
	Evergreen Basket of Long Fixed Rate				·····										
57629*BV2	ABS Bank Loans and Corp Bonds	1			7,454,047	07/22/2014	07/22/2044	Interest Rate Swap			00900C-AA-2	AIMCO-AIMCO 2017-AA A Ares XXXIR CLO Ltd-SERIES 14-31BA	1		7,454,047
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		28,400,000		07/22/2014	07/22/2044	Interest Rate Swap			04017T-AC-3	CLASS A2	1	28,400,000	
	Evergreen Basket of Long Fixed Rate											DRYDEN SENIOR LOAN FUND-SERIES 17-			
57629*BV2	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			26244Q-AB-9	49A CLASS B	1		
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		41,983,338	41.552.028	07/22/2014	07/22/2044	Interest Rate Swap			42086P-AC-7	Kingsland Ltd-SERIES 18-8A CLASS A	1	41,983,338	41,552,028
	Evergreen Basket of Long Fixed Rate			, ,	·····							BAIN CAPITAL CREDIT CLO -SERIES		, , , , , ,	
57629*BV2	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			05683H-AC-9	2017-2A CLASS AR	1		
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		.9.500.000	CAP AAC 0	07/22/2014	07/22/2044	Interest Rate Swap			88432U-AE-6	Wind River CLO Ltd-SERIES 18-3A CLASS B	1	9.500.000	.9,366,962
	Evergreen Basket of Long Fixed Rate												·		
57629*BW0	ABS Bank Loans and Corp Bonds	1		4,071,125		07/22/2014	07/22/2044	Interest Rate Swap			247358-XT-6	EAIV Delta MSN 15166	1	4,071,125	
57629*BW0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		.6.978.199	A 021 216	07/22/2014	07/22/2044	Interest Rate Swap			91754R-ZG-5	STATE BOARD OF REGENTS O-SERIES USBR 2017-1 CLASS B	2		
5/023 DIIU	Evergreen Basket of Long Fixed Rate					01722/2014	01722/2044					SLM STUDENT LOAN TRUST 2-SERIES 06-	ــــــــــــــــــــــــــــــــــــــ		0,321,210
57629*BW0	ABS Bank Loans and Corp Bonds	1			5, 153, 209	07/22/2014	07/22/2044	Interest Rate Swap			78443K-AK-2	9 CLASS B	1		5, 153, 209
57629*BW0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		15,200,000		07/22/2014	07/22/2044	Interest Rate Swap			87248K-AL-8	TICP CLO VI 2016-5 Ltd-TICP 2016-5A	1		
57 525 DIIU	Evergreen Basket of Long Fixed Rate					01/22/2014	01/22/2044	mieresi nale ollap			012401-AL-0	MASTR ASSET BACKED SECUR-SERIES	1		14,990,083
57629*BW0	ABS Bank Loans and Corp Bonds	1		4,440,454	4,445,880	07/22/2014	07/22/2044	Interest Rate Swap			57643L-FG-6	2004-0PT2 CLASS A1	1	4,440,454	4,445,880
57629*BW0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		.5.295.000		07/22/2014	07/22/2044	Interest Rate Swap			03766G-AG-7	APIDOS CLO-SERIES 17-26A CLASS B	1		
J1029"DIIU	Evergreen Basket of Long Fixed Rate	I				01/22/2014	0112212044	intelest nate owap			03/000-AG-/	Madison Park Funding XXI-MDPK 2016-	1		
57629*BW0	ABS Bank Loans and Corp Bonds	1		11,986,995		07/22/2014	07/22/2044	Interest Rate Swap			55819X-AC-6	22A B	1		
57629*BW0	Evergreen Basket of Long Fixed Rate	1		16.300.000	16.271.671	07/22/2014	07/00/0044	Interest Bate Swap			33882G-AA-6		1	10,000,000	10 074 074
2105AvRMO	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I			10,2/1,6/1	0//22/2014	07/22/2044	interest Hate Swap			JJ882G-AA-6	. FLATIRON CLO LTD-FLAT 2017-1A A CEDAR FUNDING LTD-SERIES 14-4A	1		
57629*BW0	ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			150323-AQ-6	CLASS BR	1		

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		Replication (Syn	thetic Asset) Tr							Components	of the Repli	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open			Cash	Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*BW0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				07/22/2014	07/22/2044	Interest Rate Swap			04943A-AE-9	ATLAS SENIOR LOAN FUND L-SERIES 17- BA CLASS C	1		9,378,429
57629*BW0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			11,619,743	07/22/2014	07/22/2044	Interest Rate Swap			44330G-AE-3	Highbridge Loan Manageme-SERIES 4A- 2014 CLASS A2R Riserva Clo Ltd-SERIES 2016-3A	1		
57629*BW0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,250,000	4,250,162	07/22/2014	07/22/2044	Interest Rate Swap			76761R-AE-9	CLASS C1 TCI-CENT CLO 2016-1 LTDTCENT	1	4,250,000	4,250,162
57629*BW0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,500,000	8,509,775	07/22/2014	07/22/2044	Interest Rate Swap			87231L-AA-9	2016-1A A1	1	8,500,000	8,509,775
57629*BW0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				07/22/2014	07/22/2044	Interest Rate Swap			62848F-AC-6	AIMCO CLO Series 2018-B-SERIES 18-	1		
57629*BW0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			4,864,505	07/22/2014	07/22/2044	Interest Rate Swap			00900P-AG-0	BA CLASS C	1		4,864,505
57629*BZ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				08/27/2014	08/27/2044	Interest Rate Swap		5,243,307	78443G-AJ-4	7 CLASS B VOYA CLO 2017-4 LTD-SERIES 17-4A	1		
57629*BZ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				08/27/2014	08/27/2044	Interest Rate Swap	-		92916Q-AC-6	CLASS B CARLYLE GLOBAL MARKET ST-CGMS 2017-	1		7,738,232
57629*BZ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			14,845,350		08/27/2044	Interest Rate Swap	-		14314B-AC-1	1A A2 STEELE CREEK CLO LTD-SERIES 15-1A	1		14,845,350
57629*BZ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			8, 506, 346	08/27/2014	08/27/2044	Interest Rate Swap			85816B-CQ-1	CLASS BR	1		8,506,346
57629*BZ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				08/27/2014	08/27/2044	Interest Rate Swap			92912V-AN-5	. VOYA CLO LTD-VOYA 2014-2A A1R CVP CASCADE CLO LTD-CVPC 2013-CLO1	1		9,022,814
57629*CA7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			65,761,826	08/27/2014	08/27/2044	Interest Rate Swap		5,262,491	126612-AJ-9	A1R GREYWOLF CLO LTD-SERIES 2014-2A	1	60,500,000	60,499,335
57629*CB5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		, ,		08/27/2014	08/27/2044	Interest Rate Swap		5,214,532		CLASS BR	1		
57629*085	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			6,792,411	08/27/2014	08/27/2044	Interest Rate Swap			00900A-AJ-7	AIMCO-SERIES 14-AA CLASS B1R OCP CLO Ltd-SERIES 18-15A CLASS A2	1	6,800,000	6,792,411
57629*CB5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				08/27/2014	08/27/2044	Interest Rate Swap			67112K-AB-5 06761C-AC-3	Babson CLO Ltd 2016-II-BABSN 2016- 2A BR	1		14,028,698
57629*CB5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1					08/27/2044	Interest Rate Swap			06759Y-AA-3	BARINGS CLO LTD-BABSN 2016-3A A1	1		
57629*CB5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				08/27/2014	08/27/2044	Interest Rate Swap			14954W-AQ-9	BAIN CAPITAL CREDIT CLO -SERIES 2017-2A CLASS CR	1		
57629*CB5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		2,652,569		08/27/2014	08/27/2044	Interest Rate Swap			045487-AA-3	ASSOC BANC-CORP-SR UNSECURED	2	2,652,569	2,648,728
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			, ,	08/27/2014	08/27/2044	Interest Rate Swap	-	5, 180, 961	94949J-AA-3	Wellfleet CLO 2018-2 Ltd-WELF 2018- 2A A1	1	22,488,463	
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1					08/27/2044	Interest Rate Swap			74988L-AA-2	ALM XIV Ltd-SERIES 14-14A CLASS A1R2	1	15,900,000	
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				08/27/2014	08/27/2044	Interest Rate Swap			06760G-AA-9	Barings CLO Ltd 2018-I-SERIES 18-1A CLASS A1	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		0	114,215,552	09/08/2014	09/08/2044	Interest Rate Swap		15,621,752	42086Q-AA-9	Kingsland VI Ltd-KING 2013-6A AR	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				09/08/2014	09/08/2044	Interest Rate Swap			ZZ2066-36-8	AUST & NZ BANKING GROUP- SUBORDINATED NOTE	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			8 , 330 , 104	09/08/2014	09/08/2044	Interest Rate Swap			48252Y-AE-9	KKR CLO 23 Ltd-KKR 23 B	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				09/08/2014	09/08/2044	Interest Rate Swap			04015U-AK-4	Ares XXXVIII CLO Ltd-SERIES 2015- 38A CLASS CR	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			2,564,284	09/08/2014	09/08/2044	Interest Rate Swap			88433R-AG-7	WIND RIVER CLO LTD-SERIES 17-2A CLASS C1	1		2,564,284
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				09/08/2014	09/08/2044	Interest Rate Swap			00900L-AJ-3	AIMCO CLO Series 2015-A-SERIES 15- AA CLASS CR	1	2,500,000	
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			10 , 332 , 378	09/08/2014	09/08/2044	Interest Rate Swap			14315L-AC-8	Carlyle Global Market St-SERIES 14- 3RA CLASS A1B	1		
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,770,000	4,735,081	09/08/2014	09/08/2044	Interest Rate Swap			48275P-AG-6	KREF 2018-FL1 Ltd-KREF 2018-FL1 C Madison Park Funding XVI-MDPK 2015-	1	4,770,000	4,735,081
57629*CG4	ABS Bank Loans and Corp Bonds	1		9,832,287	13,312,508	10/06/2014	10/06/2034	Interest Rate Swap			55819B-AN-0	18A BR	1		

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		Replication (Syr	thetic Asset) Tra	insactions				nsactions Open as of Cu			of the Repli	cation (Synthetic Asset) Transa	actions		
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open		· ·	Cash	Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				10/06/2014	10/06/2034	Interest Rate Swap			06760G-AB-7	Barings CLO Ltd 2018-I-SERIES 18-1A CLASS A2	1		
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		20,100,000			10/06/2034	Interest Rate Swap			77341D-AA-5	Rockford Tower CLO 2017ROCKT 2017-3A A	1	20,100,000	20,031,318
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,000,000	5.004.745		10/06/2034	Interest Rate Swap	-		817176-AS-9	SENECA PARK CLO LTD-SPARK 2014-1A	1	5,000,000	5,004,745
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	100.000.000	42,526,712	52,385,726		10/06/2044	Interest Rate Swap	-	9.854.187	28108R-AA-0	EdLinc Student Loan Fund-ESLFT 2017-A A	1	42,526,712	
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6, 184, 705		10/06/2014	10/06/2044	Interest Rate Swap			61744C-NB-8	MORGAN STANLEY CAPITAL I-SERIES 2005-HE2 CLASS M1	1		6, 189, 544
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,900,000	4,864,862		10/06/2044	Interest Rate Swap	-		12481K-AC-2	CBAM 2017-2 LTD-SERIES 17-2A CLASS	1	4,900,000	4,864,862
57629*CH2	Evergreen Basket of Long Fixed Rate	1			2,944,469		10/06/2044	Interest Rate Swap			13080B-AD-3	SYMPHONY CLO LTD-SERIES 13-12A CLASS CR	1	2,950,000	
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1					10/06/2044	Interest Rate Swap			94950G-AC-1	WELLFLEET CLO LTD-WELF 2017-1A A2	1	20,000,000	
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1					10/06/2044	Interest Rate Swap	-		55952Y-AR-8	Magnetite VIII Ltd-MAGNE 2014-8A BR2	1		
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,400,000	4,345,585		10/06/2044	Interest Rate Swap			88434H-AE-3	THL Credit Wind River 20-SERIES 18- 2A CLASS A2	1	4,400,000	4,345,585
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1					10/06/2044	Interest Rate Swap	-		87249C-AE-1	TICP CLO X LTD-SERIES 18-10A CLASS	1	3,600,000	
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,700,000			10/06/2044	Interest Rate Swap			04009G-AE-7	ARES L CLO Ltd-SERIES 19-53A CLASS B	1	3,700,000	
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2		60,000,000		10/10/2014	10/10/2044	Interest Rate Swap	-		G7332#-AD-5	RRPF Engine Leasing Ltd Senior Secured	2		
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2					10/10/2044	Interest Rate Swap			629394-AA-5	NTC CAPITAL I-UNSECURED BOND	2	27,479,434	
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2					10/10/2044	Interest Rate Swap			230000-AB-7	CULLEN/FROST CAP TR II-SUBORDINATED	2		
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2				10/10/2014	10/10/2044	Interest Rate Swap			09627X-AW-1	BLUEMOUNTAIN CLO LTD-SERIES 2015-1A CLASS A2R	1	20,500,000	
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2				10/10/2014	10/10/2044	Interest Rate Swap			16409T-AC-3	CHENANGO PARK CLO LTD-SERIES 18-1A CLASS A1B	1		
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2				10/10/2014	10/10/2044	Interest Rate Swap			873549-AC-3	Taconic Park CLO Ltd 201-SERIES 2016-1A CLASS A2	1	16,100,000	
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2				10/10/2014	10/10/2044	Interest Rate Swap			39862E-AB-0	GRIPPEN PARK CLO LTD-SERIES 17-1A CLASS B	1		
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2			.3,524,827	10/10/2014	10/10/2044	Interest Rate Swap			26251B-AN-6	Dryden XXVIII Senior Loa-DRSLF 2013-28A A2LR	1		
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2		5,815,623	6,349,472	10/10/2014	10/10/2044	Interest Rate Swap			78442G-RC-2	SLMA 2005-9 STUDENT LN-BKD NT CL B	1		6,349,472
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap		10,464,687	87271L-AJ-1	TIAA CLO I Ltd-TIA 2016-1A AR	1		
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			55819D-AE-6	Madison Park Funding XXX-MDPK 2018- 31A A2A	1		
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			22616T-AA-4	Crestline Denali CLO XVI-DEN17 2018-1A A	1		
57629*CL3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		110,000,000	113,819,488	11/04/2014	11/04/2044	Interest Rate Swap			06761N-AE-5	Barings Middle Market CL-BMM 2018- II COM	2		
57629*CL3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			22, 154,607	11/04/2014	11/04/2044	Interest Rate Swap			08181J-AA-0	Benefit Street Partners -SERIES 18- 5BA CLASS A1A	1		22, 154,607
57629*CL3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,000,000		11/04/2014	11/04/2044	Interest Rate Swap			48250R-BN-5	. KKR CLO 12 Ltd-KKR 12 BR2	1	1,000,000	
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			45,262,013	11/04/2014	11/04/2044	Interest Rate Swap			50188G-AT-0	LCM XVIII LP-LCM 18A A1R	1		
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		45,981,751	45,509,364	11/04/2014	11/04/2044	Interest Rate Swap			42086P-AC-7	Kingsland Ltd-SERIES 18-8A CLASS A	1	45,981,751	45,509,364
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			38172X-AG-4	GOLUB CAPITAL PARTNERS C-SERIES 13- 16A CLASS A1R	1		
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1	1,200,000	

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		Replication (Syn	thetic Asset) Tra	ansactions	·	· ·		ansactions Open as of		Components	of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Open	1		Cash	Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional	Book/Adjusted Carrying Value	Fair Value	Effective	Maturity Date	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number			Amount	value	Fair value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			03328Y-AA-2	ANCHORAGE CAPITAL CLO 1ANCHC 2018-1RA A1	1		
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125,000,000	14, 173, 507		11/04/2014	11/04/2044	Interest Rate Swap			G6776M-ZZ-9	ORANGE GROVE ENERGY, L.P DELAYED DRAW TE	2	14, 173, 507	
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			247358-BB-9	EAIV Delta MSN 15153	1		
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3.642.851	3,391,680	11/04/2014	11/04/2044	Interest Rate Swap			247358-DD-3	EAIV Delta MSN 15161	1	3.642.851	3,391,680
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			247358-PP-3	EAIV Delta MSN 15147	1		
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,759,695		11/04/2014	11/04/2044	Interest Rate Swap			247358-RR-7	EAIV 2017 Delta MSN 15146	1	3,759,695	
	Evergreen Basket of Long Fixed Rate	· · · · · · · · · · · · · · · · · · ·											· · · · · · · · · · · · · · · · · · ·		
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			3,391,680	11/04/2014	. 11/04/2044	Interest Rate Swap			247358-RW-6	EAIV Delta MSN 15162 Arpad Solar Borrower LLC Term Loan	1		3, 391, 680
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	. 11/04/2044	Interest Rate Swap			83416T-RR-3		2	45,318,094 .	
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	. 11/04/2044	Interest Rate Swap			29108Q-AY-8	EMERSON PARK CLO LTD-SERIES 13-1A .	1		
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	11/04/2044	Interest Rate Swap			G1093*-AA-7	BIF II SAFE HARBOR HOLDINGS LLC ATRIUM CDO CORP-SERIES 9A CLASS AR	1		
57629*CP4	ABS Bank Loans and Corp Bonds	1				11/04/2014	. 11/04/2044	Interest Rate Swap		10 , 777 , 996	04964K-AL-5	BAIN CAPITAL CREDIT CLO -SERIES 18-	1		47,978,016
57629*CP4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			05682V-AA-3	2A CLASS A1	1		
57629*CP4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			13345*-AA-5	CAMERON LNG CONSTRUCTION FA	1		
57629*CQ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		62,282,188		11/04/2014	11/04/2044	Interest Rate Swap			46617N-AQ-0	JFIN CLO LTD-SERIES 14-2A CLASS A1AR	1		
57629*CQ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			74992*-AB-1	RXR Realty, LLC Senior Secured	2		
57629*CQ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10,490,000	10.349.602	11/04/2014	11/04/2044	Interest Rate Swap			40437L-AG-7	HPS Loan Management 13-2-HLM 13A-18 B	1	10.490.000	10.349.602
57629*CQ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.000.000		11/04/2014	11/04/2044	Interest Rate Swap				HPS Loan Management 9-20-HLM 9A- 2016 A1BR	1	10.000.000	
57629*002	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6.375.000		11/04/2014	11/04/2044	Interest Rate Swap			04622A-AC-1	Assurant CLO IV LTD	1		
	Evergreen Basket of Long Fixed Rate											Voya CLO 2014-1 Ltd-INGIM 2014-1A			
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000	,,		11/04/2014	. 11/04/2044	Interest Rate Swap		10,898,500	92915P-AK-1	ABR2 AVERY POINT IV CLO LTD-SERIES 14-1A	1		
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	. 11/04/2044	Interest Rate Swap			05363U-AW-3	CLASS CR ATRIUM CDO CORP-SERIES 9A CLASS CR	1		
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	11/04/2044	Interest Rate Swap			04964K-AS-0	RRPF Engine Leasing Ltd Senior	1		
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	. 11/04/2044	Interest Rate Swap			G7332#-AH-6	Secured Atlas Senior Loan Fund X-ATCLO	1		
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	11/04/2044	Interest Rate Swap			04941Y-AJ-8	2018-11A B TCI-CENT CLO 2016-1 LTDSERIES 17-	1		
57629*CR0	ABS Bank Loans and Corp Bonds	1				11/04/2014	. 11/04/2044	Interest Rate Swap			87806L-AC-0	1A CLASS A1	1		
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			12550Y-AC-8	CIFC FUNDING LTD-CIFC 2017-2A A	1		
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			7,410,578	11/04/2014	. 11/04/2044	Interest Rate Swap			94951D-AJ-2	Wellfleet CLO 2018-3 Ltd-SERIES 18- 3A CLASS A2	1		
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,798,256	1,795,033	11/04/2014	11/04/2044	Interest Rate Swap			664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE	2	1,798,256	
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125.000.000			11/04/2014	11/04/2044	Interest Rate Swap			55818X-AY-9	MADISON PARK FUNDING LTD-SERIES	1	12,740,000	12,734,840
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	4		12,675.000	12.680.805	11/04/2014	11/04/2044	Interest Rate Swap				MAGNETITE CLO LTD-SERIES 14-11A CLASS A1R	1	12,675,000	
	Evergreen Basket of Long Fixed Rate	·											'		
57629*CS8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I				11/04/2014	. 11/04/2044	Interest Rate Swap			03766G-AE-2	APIDOS CLO-SERIES 17-26A CLASS A2 . CATSKILL PARK CLO LTDSERIES 17-1A	I		
57629*CS8	ABS Bank Loans and Corp Bonds	1				11/04/2014	11/04/2044	Interest Rate Swap			149420-AE-1	CLASS A2	1		

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		Deplication (Cur	thatia Acast) Tra	naastiana	Replicati	on (Syntheti	c Asset) Tra	insactions Open as of C	urrent Statement		of the Deal	cation (Synthetic Asset) Trans	antiona		
1	2	Replication (Syn		5	6	7	8	Derivative	Instrument(s) Open				Instrument(s) Held		
1	2	5	4	5	0	/	0	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5.000.000	4.938.165	11/04/2014	11/04/2044	Interest Rate Swap			88434H-AE-3	THL Credit Wind River 20-SERIES 18- 2A CLASS A2	1		4,938,165
	Evergreen Basket of Long Fixed Rate				, , ,							KKR FINANCIAL CLO LTD-SERIES 9	•		
57629*CS8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		21,100,000		11/04/2014	11/04/2044	Interest Rate Swap			48250L-AL-3	CLASS AR Denali Capital Clo XII L-DEN12	1	21,100,000	
57629*CS8	ABS Bank Loans and Corp Bonds	1		23, 100,000		11/04/2014	11/04/2044	Interest Rate Swap			24824T-AQ-3	2016-1A A1R	1	23, 100,000	
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.250.000	10.034.074	11/04/2014	11/04/2044	Interest Rate Swap			44330Q-AB-7	Highbridge Loan Manageme-SERIES 12A-18 CLASS A1B	1	10,250,000	10,034,074
	Evergreen Basket of Long Fixed Rate	·		, , ,								HIGHBRIDGE LOAN MANAGEME-HLM 11A-17	·		
57629*CS8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				11/04/2014	11/04/2044	Interest Rate Swap			40436V-AA-9	Α	1		
57629*CX7	ABS Bank Loans and Corp Bonds	1	150,000,000			12/16/2014	12/16/2044	Interest Rate Swap			39808C-A@-4	GRIDIRON FDG LLC Term Facility	2		
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds					12/16/2014	12/16/2044	Interest Rate Swap			66704J-CB-2	NORTHSTAR EDUCATION FINA-SERIES 07- 1 CLASS B			
	Evergreen Basket of Long Fixed Rate	1		27, 109, 287		12/ 16/ 20 14	12/ 16/ 2044	Interest Hate Swap				I ULASS B	I	, ,	
57629*CX7	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			55955A-AA-4	Magnetite XX Ltd-MAGNE 2018-20A A	1		
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			03331J-AA-0	Anchorage Capital CLO Lt-ANCHC 2018-10A A1A	1		
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	4		16,200,000	15.795.227	10/10/0014	10/10/0044	Internet Date Core			007001 45 5	Barings CLO Ltd 2018-II-SERIES 2018-2A CLAS A1B		10,000,000	15 705 007
5/629^087	Evergreen Basket of Long Fixed Rate	I			15,795,227	12/16/2014	12/16/2044	Interest Rate Swap			06760J-AE-5	BABSON CLO LTD-SERIES 17-1A CLASS	I		
57629*CX7	ABS Bank Loans and Corp Bonds	1		6,700,000	6 , 598 , 897	12/16/2014	12/16/2044	Interest Rate Swap			06760B-AC-6		1	6,700,000	6, 598, 897
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,960,000	4,935,974	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AE-2	MADISON PARK FUNDING LTD-SERIES 17- 25A CLASS B	1	4,960,000	4,935,974
57000±0¥7	Evergreen Basket of Long Fixed Rate			0.575.000	0,400,050	10 (10 (00 1 1	10/10/00/1				0047011 10 4	Benefit Street Partners -BSP 2017-		0.575.000	0,400,050
57629*CX7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,575,000	2,499,859	12/16/2014	12/16/2044	Interest Rate Swap			08179H-AC-4	12A B SALEM FIELDS CLO LTD SR SECD NT CL	1	2,575,000	2,499,859
57629*CX7	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			79410U-AQ-4	A-2-R	1		
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,475,000	4,474,781	12/16/2014	12/16/2044	Interest Rate Swap			033291-AC-9	ANCHORAGE 2019-13A B	1	4,475,000	4,474,781
	Evergreen Basket of Long Fixed Rate				, ,							Benefit Street Partners -BSP 2015-		, ,	
57629*CX7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,425,000	6,250,773	12/16/2014	12/16/2044	Interest Rate Swap			08180X-AQ-5	8A A1BR	1	6,425,000	6,250,773
57629*CT6	ABS Bank Loans and Corp Bonds	1		24,662,500		12/16/2014	12/16/2044	Interest Rate Swap			144577-TT-0	Carrix, Inc. Senior Term Loa	2		
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		14,470,000	14, 453, 200	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AC-6	MADISON PARK FUNDING LTD-SERIES 17- 25A CLASS A2	1	14,470,000	14,453,200
	Evergreen Basket of Long Fixed Rate											Atlas Senior Loan Fund X-SERIES 18-			, ,
57629*CT6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/16/2014	12/16/2044	Interest Rate Swap			04941Y-AC-3	11A CLASS A1L VIBRANT CLO IV LTD-SR SECD NT CL B	1		
57629*CT6	ABS Bank Loans and Corp Bonds	1		6,336,978		12/16/2014	12/16/2044	Interest Rate Swap			92557W-AE-3	144A	1	6,336,978	
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		65.000.000	64,440,090	12/16/2014	12/16/2044	Interest Rate Swap			04624W-AC-1	ASSURANT CLO III LTD-SERIES 2018-2A CLASS A	1		
	Evergreen Basket of Long Fixed Rate			,,											
57629*CT6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		9,446,785	9,311,501	12/16/2014	12/16/2044	Interest Rate Swap			48252W-AC-7	KKR CLO LTD 22-SERIES 22A CLASS B .	1	9,446,785	9,311,501
57629*CT6	ABS Bank Loans and Corp Bonds	1			6 , 999 , 790	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AN-4	BABSON CLO LTD-BABSN 2014-1A BR	1	7,000,000	
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		2.045.000	.2.004.288	12/16/2014	12/16/2044	Interest Rate Swap			056162-AQ-3	Babson CLO Ltd 2015-I-BABSN 2015-IA RR	1	2,045,000	2,004,288
	Evergreen Basket of Long Fixed Rate				, ,							Palmer Square CLO 2018-1-PLMRS			
57629*CT6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			3,721,622	12/16/2014	12/16/2044	Interest Rate Swap			69703P-AE-9	2018-1A B	1	3,900,000	
57629*CW9	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap		6 , 137 , 355	39808C-AA-3	Gridiron Fdg LLC Sr Secd Nt	2		
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		25,900,000	25.357.835	12/16/2014	12/16/2044	Interest Rate Swap			14307P-AE-5	Carlyle Global Market St-SERIES C17A CLASS A1BR	1	25,900,000	25,357,835
	Evergreen Basket of Long Fixed Rate								[[
57629*CW9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/16/2014	12/16/2044	Interest Rate Swap			05618D-AL-8	BABSON CLO LTD-BABSN 2014-1A A2R SOUND POINT CLO LTD-SERIES 2017-2A	1		
57629*CW9	ABS Bank Loans and Corp Bonds	1		23, 100,000		12/16/2014	12/16/2044	Interest Rate Swap			83610K-AA-1	CLASS A	1	23,100,000	23,007,600
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		12,750,000	12 736 166	12/16/2014	12/16/2044	Interest Rate Swap			50184K-AU-2	LCM LTD PARTNERSHIP-SERIES 13A CLASS BR	1	12,750,000	
	Evergreen Basket of Long Fixed Rate											321 HENDERSON RECEIVABLE-SERIES 05-			
57629*CW9	ABS Bank Loans and Corp Bonds	1		13,558,702	13,286,336	12/16/2014	12/16/2044	Interest Rate Swap			88576P-AE-3	1A CLASS A1	1	13,558,702	13,286,336

SCHEDULE DB - PART C - SECTION 1

			nthetic Asset) Tra							Components	of the Repl	ication (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds					12/16/2014	12/16/2044	Interest Rate Swap			92917A-AA-4	VOYA 2018-1A A1			
5/629*0#9	Evergreen Basket of Long Fixed Rate	I		13,781,304	13,703,918	12/ 10/ 2014	12/ 10/ 2044	Interest Hate Swap	-		929178-88-4	MERCER FIELD CLO LP-MERCL 2017-1A	1		13,763,918
57629*CW9	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			58806P-AC-2	A2	1		
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		11.500.000		12/16/2014	12/16/2044	Interest Rate Swap			64034B-AB-7	Nelnet Student Loan Trus-NSLT 2018- 5A B	1		
	Evergreen Basket of Long Fixed Rate			·····								Wellfleet CLO 2018-2 Ltd-WELF 2018-			
57629*CW9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/16/2014	12/16/2044	Interest Rate Swap			94949J-AA-3	2A A1 BOWMAN PARK CLO LTD-BOWPK 2014-1A	1		
57629*CW9	ABS Bank Loans and Corp Bonds	1		5,950,000	5,949,804	12/16/2014	12/16/2044	Interest Rate Swap			10302V-BG-9	CR	1		5,949,804
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		8,495,538	8 500 119	12/16/2014	12/16/2044	Interest Rate Swap			03328Q-AN-1	ANCHORAGE CAPITAL CLO LT-SERIES 2015-6A CLASS AR	1	8,495,538	8.500.119
	Evergreen Basket of Long Fixed Rate			, ,					-			SENECA PARK CLO LTD-SPARK 2014-1A	1	, . ,	
57629*CW9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/16/2014	12/16/2044	Interest Rate Swap			817176-AL-4	AR GoldentTree Loan Managem-GLM 2017-	1		
57629*CW9	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			38136F-AG-8	Goldentiree Loan Managem-GLM 2017- 1A B1	1	13,500,000	
57629*CW9	Evergreen Basket of Long Fixed Rate			11 100 000	40.054.440	40 (40 (0044	12/16/2044				12481Q-AE-5	Cbam 2018-5 Ltd-SERIES 18-5A CLASS		44,400,000	40.054.440
5/629*6#9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		11,100,000		12/ 10/ 2014	12/ 10/ 2044	Interest Rate Swap	-		1248 IQ-AE-0	MASSMUTUAL ASSET FIN LLC SR SECD	1		10,854,146
57629*CU3	ABS Bank Loans and Corp Bonds	1	250,000,000			12/16/2014	12/16/2044	Interest Rate Swap		5,218,527	57542Z-A0-7	REV NT ANCHORAGE CAPITAL CLO LT-SERIES	1		
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	200,000,000	16,891,128		12/16/2014	12/16/2044	Interest Rate Swap			03328Q-AN-1	ANCHORAGE CAPITAL OLU LI-SERIES 2015-6A CLASS AR	1	16,891,128	
	Evergreen Basket of Long Fixed Rate											Wellfleet CLO Ltd-SERIES 18-1A			
57629*CV1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,000,000	4,928,555	12/16/2014	12/16/2044	Interest Rate Swap			94950J-AC-5	CLASS B	1		4,928,555
57629*CV1	ABS Bank Loans and Corp Bonds	1			6,729,191	12/16/2014	12/16/2044	Interest Rate Swap			33882G-AB-4	FLATIRON CLO LTD-FLAT 2017-1A B	1		6,729,191
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			36361U-AC-4	GALLATIN CLO LTD-SERIES 17-1A CLASS	1		.9,697,730
	Evergreen Basket of Long Fixed Rate								-			OHA Credit Funding 1 LTD-SERIES 18-	1		
57629*CV1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/16/2014	12/16/2044	Interest Rate Swap			67115W-AE-0	1A CLASS A2 Drvden 58 Clo Ltd-DRSLF 2018-58A A1	1		
57629*CV1	ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			26245R-AA-8	,	1		
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			0 642 202	12/16/2014	12/16/2044	Interest Rate Swap			08179H-AA-8	BENEFIT STREET PARTNERS -SERIES 2017-12A CLASS A1	1		
	Evergreen Basket of Long Fixed Rate	1			9,043,392	12/ 10/ 2014	12/ 10/ 2044	Interest Hate Swap	-		U81/98-AA-8	2017-12A CLASS AT	1		
57629*CV1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			8 , 440 , 364	12/16/2014	12/16/2044	Interest Rate Swap			78109Q-AE-8	RR 2 LTD-SERIES 17-2A CLASS A2 OAKTREE CLO LTD-SERIES 14-1A CLASS	1		
57629*CV1	- ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			674000-AN-4	A1R	1	17,120,000	
57629*CV1	Evergreen Basket of Long Fixed Rate				40,004,000	40 (40 (0044	12/16/2044				14315J-NN-5	Carlyle US CLO 2013-3 Re Term Loan		40, 075, 000	10,001,000
5/629^0/1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I				12/ 16/2014	12/ 16/2044	Interest Rate Swap	-		14315J-NN-5		I		
57629*CV1	ABS Bank Loans and Corp Bonds	1		21,383,041		12/16/2014	12/16/2044	Interest Rate Swap			74982L-AN-0	RACEP 2013-8A	1		
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/16/2014	12/16/2044	Interest Rate Swap			57542Z-A0-7	MASSMUTUAL ASSET FIN LLC SR SECD REV NT	1		
	Evergreen Basket of Long Fixed Rate											AIMCO CLO Series 2015-A-SERIES 15-			
57629*CV1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,400,000	6,303,731	12/16/2014	12/16/2044	Interest Rate Swap			00900L-AH-7	AA CLASS BR CIFC Funding 2017-IV Ltd-SERIES 17-	1		6,303,731
57629*CY5	ABS Bank Loans and Corp Bonds	1		4,963,612		02/05/2015	02/05/2045	Interest Rate Swap			12551J-AG-1	4A CLASS B	1		4,935,150
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10,020,000	9 917 235	02/05/2015	02/05/2045	Interest Rate Swap			92912V-AS-4	VOYA CLO LTD-VOYA 2014-2A BR	1	10,020,000	
	Evergreen Basket of Long Fixed Rate	·							-			MANUF & TRADERS TRUST CO-	·		
57629*CY5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-			02/05/2015	02/05/2045	Interest Rate Swap			564759-QB-7	SUBORDINATED NOTE TCI-CENT CLO 2016-1 LTDSERIES 17-	1		
57629*CY5	ABS Bank Loans and Corp Bonds	1		13,500,000	13,389,260	02/05/2015	02/05/2045	Interest Rate Swap			87806L-AE-6	1A CLASS A2	1		13,389,260
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			06760B-AE-2	BABSON CLO LTD-SERIES 17-1A CLASS	1	13,500,000	
	Evergreen Basket of Long Fixed Rate	I	-						-			GREYWOLF CLO LTD-SERIES 2014-2A	I		
57629*CY5	ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap	- -		398080-AL-5	CLASS A2R HIGHBRIDGE LOAN MANAGEME-SERIES	1		
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			40436X-AE-7	HIGHBRIDGE LOAN MANAGEME-SERIES 2014 CLAS A2R	1		
	Evergreen Basket of Long Fixed Rate											BAIN CAPITAL CREDIT CLO -SERIES 17-			
57629*CY5	ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			14954W-AN-6	2A CLASS BR	1		

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			thetic Asset) Tra							Components	of the Repl	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	nstrument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Long Fixed Rate											BAIN CAPITAL CREDIT CLO -SERIES 17-			
57629*CY5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				02/05/2015	02/05/2045	Interest Rate Swap			05682Q-AC-0	1A CLASS A1 BlueMountain CLO 2015-3 -BLUEM	1		
57629*CY5	ABS Bank Loans and Corp Bonds	1		13,900,000	13,650,106	02/05/2015	02/05/2045	Interest Rate Swap			09628J-AN-1	2015-3A A2R	1	13,900,000	13,650,106
	Evergreen Basket of Long Fixed Rate											AVERY POINT CLO LTD-SERIES 13-3A			
57629*CY5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,300,000		02/05/2015	02/05/2045	Interest Rate Swap	-		053633-AH-6	CLASS B1R	1		11,299,763
57629*CY5	ABS Bank Loans and Corp Bonds 1	1		6,741,924		02/05/2015	02/05/2045	Interest Rate Swap			00287Y-AL-3	AbbVie Inc-SENIOR UNSECURED NOTE	2	6,741,924	6,786,055
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			55821T-AC-1	Madison Park Funding Ltd-SERIES 18- 30A CLASS B	1		
	Evergreen Basket of Long Fixed Rate								-			Tryon Park CLO Ltd-TPCLO 2013-1A			
57629*CY5	ABS Bank Loans and Corp Bonds	1		1,085,000		02/05/2015	02/05/2045	Interest Rate Swap			89852T-AN-8	A1JR	1	1,085,000	1,066,400
57629*CZ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125.000.000	.5,280,000	(2,898,883)	02/05/2015	02/05/2045	Interest Rate Swap		(8, 143, 317)	00900C-AE-4	AIMCO-AIMCO 2017-AA C	1		
	Evergreen Basket of Long Fixed Rate		,,	, ,								AVERY POINT CLO LTD-SERIES 13-3A			
57629*CZ2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		13,393,498		02/05/2015	02/05/2045	Interest Rate Swap	-		053633-AG-8	CLASS AR AVERY POINT IV CLO LTD-SERIES 14-1A	1	13,393,498	13,398,507
57629*CZ2	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			05363U-AU-7	CLASS BR	1		
57629*CZ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			66704J-AY-4	NORTHSTAR EDUCATION FINA-SERIES 2004-1 CLASS B1	1		
57629"622	Evergreen Basket of Long Fixed Rate			24,049,471		02/03/2013	02/03/2043	Interest nate Swap	-		00704J-A1-4	Regatta Fundinng LtdREG11 2018-1A		24,049,471	
57629*CZ2	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			75887X-AA-5	A	1		
57629*CZ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			449258-AA-0	ICG US CLO 2018-1 LTD-SERIES 2018- 1A CLASS A1	1		11,749,572
	Evergreen Basket of Long Fixed Rate								-			ACTAVIS FUNDING SCS-SENIOR			
57629*CZ2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,266,744	5, 343, 765	02/05/2015	02/05/2045	Interest Rate Swap			00507U-AS-0	UNSECURED NOTE Neuberger Berman CLO Ltd-NEUB 2018-	2	5,266,744	5,343,765
57629*CZ2	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			64132M-AC-2	30A A2	1	10,000,000	
570004070	Evergreen Basket of Long Fixed Rate			44,000,000	11 010 010	00/05/0045	00/05/00/5				17181T-AC-5	CIFC Funding 2018-IV Ltd-SERIES 18-		44,000,000	11 010 010
57629*CZ2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		11,200,000		02/05/2015	02/05/2045	Interest Rate Swap	-		1/1811-AC-5	4A CLASS A2 Carlyle US CLO 2015-1 Ri Term Loan	I	11,200,000	
57629*DA6	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			14315J-TT-6		1		
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		15,000,000		02/05/2015	02/05/2045	Interest Rate Swap			55818R-BA-3	Madison Park Funding XIV-MDPK 2014- 14A BRR	1		
	Evergreen Basket of Long Fixed Rate								-			Atlas Senior Loan Fund X-ATCLO			
57629*DA6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,600,000		02/05/2015	02/05/2045	Interest Rate Swap	-		04942J-AE-1	2018-10A B ROCKFORD TOWER CLO LTD-ROCKT 2017-	1		11,303,945
57629*DA6	ABS Bank Loans and Corp Bonds	1				02/05/2015	02/05/2045	Interest Rate Swap			77340E-AC-0	1A B	1		
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	4			.5,710,409	00/05/0015	02/05/2045	Interest Rate Swap			64129J-AU-4	NEUBERGER BERMAN CLO LTD-NEUB 2013- 14A B1R			
5/629°DA6	Evergreen Basket of Long Fixed Rate	I				02/05/2015	02/05/2045	Interest Rate Swap	-		04129J-AU-4	ARES XLVII CLO Ltd-SERIES 18-47A	I		5,710,409
57629*DA6	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			04016V-AC-9	CLASS A2	1		
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,300,000	4,275,649	02/05/2015	02/05/2045	Interest Rate Swap			87248T-AE-5	TICP CLO LTD-SERIES 2017 CLASS 7A	1	4,300,000	
	Evergreen Basket of Long Fixed Rate			····· ,								OCP CL0 2017-14 Ltd-SERIES 17-14A			
57629*DA6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,400,000		02/05/2015	02/05/2045	Interest Rate Swap			67097Q-AE-5	CLASS A2 Benefit Street Partners -SERIES 18-	1		
57629*DA6	ABS Bank Loans and Corp Bonds 1	1				02/05/2015	02/05/2045	Interest Rate Swap			08179L-AC-5	14A CLASS A2	1		12,949,184
57629*DA6	Evergreen Basket of Long Fixed Rate	1		5,000,000	1 000 EFF	02/05/2015	02/05/2045	Interest Rate Swap			94950J-AC-5	Wellfleet CLO Ltd-SERIES 18-1A CLASS B	1	5,000,000	4,928,555
21073-DHD	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		ວ,000,000	4,920,000	02/03/2013	02/03/2043	Interest Hale Swap			9490UJ-AU-5	Carlyle Global Market St-SERIES 18-	I	ວ,ບບບ,ບບບ	4,920,000
57629*DA6	ABS Bank Loans and Corp Bonds 1	1		7,000,000	6,949,684	02/05/2015	02/05/2045	Interest Rate Swap			14315R-AE-1	4A CLASS A2	1		6,949,684
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,100,000	3.092.684	02/05/2015	02/05/2045	Interest Rate Swap			04943A-AG-4	ATLAS SENIOR LOAN FUND L-SERIES 17- 8A CLASS C	1	3,100,000	3,092,684
	Evergreen Basket of Long Fixed Rate								[BAIN CAPITAL CREDIT CLO -SERIES			
57629*DB4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		45,000,000		02/05/2015	02/05/2045	Interest Rate Swap			05683H-AC-9	2017-2A CLASS AR MAGNETITE CLO LTD-SERIES 17-19A	1		
57629*DB4	ABS Bank Loans and Corp Bonds 1	1		7,325,000		02/05/2015	02/05/2045	Interest Rate Swap			55954K-AC-9	CLASS B	1		7,260,379
57629*DB4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				00/05/0015	02/05/2045	Interest Rate Swap			92915Q-AG-8	VOYA CLO LTD-SERIES 2017-3A CLASS	1		
5/029°DB4	Evergreen Basket of Long Fixed Rate	1				02/03/2013	02/03/2045	Interest Hale Swap	-			A2 HPS Loan Management 9-20-HLM 9A-	I		
57629*DB4	ABS Bank Loans and Corp Bonds 1	1		12,750,000	12,583,702	02/05/2015	02/05/2045	Interest Rate Swap			40436Q-AN-2	2016 A2R	1	12,750,000	12,583,702

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		Replication (Syn	thetic Asset) Tra		•						of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open	1		Cash	n Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*DB4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7,991,072	02/05/2015	02/05/2045	Interest Rate Swap			00900A-AJ-7	AIMCO-SERIES 14-AA CLASS B1R	1		7,991,072
57629*DB4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		25,000,000		02/05/2015	02/05/2045	Interest Rate Swap			87249Q-AA-8	TICP CLO Ltd-TICP 2018-11A A Babson CLO Ltd 2013-I-SERIES 2013-	1	25,000,000	
57629*DB4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		14,398,098	14,306,571	02/05/2015	02/05/2045	Interest Rate Swap			06760E-AA-4	IA CLASS AR	1		14, 306, 571
57629*DB4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				02/05/2015	02/05/2045	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE _ Grupo Aeromexico S.A.B. Floating	1		
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000	4,840,889	4,870,108	12/05/2016	12/05/2046	Interest Rate Swap		(53,642)	MXP001-TT-1	Rate S	1	4,840,889	4,923,750
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			78449F-AC-5	PRIVATE ED LN TR 2016-A NT NAVIENT STUDENT LOAN TRU-SERIES 16-	1		
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			63940F-AC-1	2 CLASS A3 ECMC GROUP STUDENT LOAN -SERIES	1		23,038,640
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		10,790,529	10,892,142	12/05/2016	12/05/2046	Interest Rate Swap			26827X-AA-1	2016-1A CLASS A Atlas Senior Loan Fund V-SERIES 16-	1	10,790,529	10,892,142
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		23,500,000		12/05/2016	12/05/2046	Interest Rate Swap			04941T-AS-9	7A CLASS A1R	1		
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			11,407,299	12/05/2016	12/05/2046	Interest Rate Swap			92916M-AB-7	VOYA CLO LTD-VOYA 2017-1A A2 Oak Hill Credit Partners-SERIES 15-	1		11,407,299
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			9,785,910	12/05/2016	12/05/2046	Interest Rate Swap			67109Y-AN-4	12A CLASS A2R	1		9,785,910
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,330,000	4,310,896	12/05/2016	12/05/2046	Interest Rate Swap			85816B-CS-7	CLASS CR Benefit Street Partners -BSP 2015-	1	4,330,000	4,310,896
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,200,000	4,023,676	12/05/2016	12/05/2046	Interest Rate Swap			08180X-AU-6	8A BR CRESTLINE DENALI CLO XV -SERIES 17-	1	4,200,000	4,023,676
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,380,000	4,287,740	12/05/2016	12/05/2046	Interest Rate Swap			22616C-AE-3	1A CLASS C	1	4,380,000	4,287,740
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			04965L-AE-8	ATRIUM XIV LLC-ATRM 14A A2A Grupo Aeromexico S.A.B. Floating	1		
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000		11,081,841	12/05/2016	12/05/2046	Interest Rate Swap		(28 , 159)	MXP001-TT-1	Rate S	1		11, 110,000
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		12,439,259	12,551,341	12/05/2016	12/05/2046	Interest Rate Swap			78442G-PQ-3	5 CLASS A4 KEYCORP STUDENT LOAN TRU-SERIES	1		12,551,341
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			49327H-AG-0	2006-A CLASS 2A4 NELNET STUDENT LOAN TRUS-SERIES	1		
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,921,006		12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BR-1	2005-1 CLASS A5 SMB PRIVATE EDUCATION LO-SMB 2015-B	1		
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			12, 132, 854	12/05/2016	12/05/2046	Interest Rate Swap			78448Q-AD-0	A3 SLM STUDENT LN TR 2006-2 LN BKD NT	1		12, 132, 854
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			78442G-RX-6	CL A-6 SLM STUDENT LOAN TRUST-SERIES 2002-	1		
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,266,773	4,350,471	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EX-0	7CLASS A11	1	4,266,773	4,350,471
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			10 , 097 , 423	12/05/2016	12/05/2046	Interest Rate Swap			10620N-AX-6	STUDENT LN REV NT	1		10,097,423
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,467,741	7, 521, 799	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BX-8	2005-2 CLASS A5 SOUTH CAROLINA STUDENT L-SERIES 14-	1		7,521,799
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		9,848,791		12/05/2016	12/05/2046	Interest Rate Swap			83715R-AF-9	1 CLASS A2 ACCESS GROUP INC-SERIES 2003-A	1	9,848,791	
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,370,707		12/05/2016	12/05/2046	Interest Rate Swap			00432C-AV-3	CLASS A3	1		
57629*DJ7	ABS Bank Loans and Corp Bonds	1		5,000,000	4,999,815	12/05/2016	12/05/2046	Interest Rate Swap			88322U-AN-9	THACHER PARK CLO-THRPK 2014-1A CR	1	5,000,000	4,999,815
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			12,794,184	12/05/2016	12/05/2046	Interest Rate Swap			75887X-AC-1	Regatta Fundinng LtdREG11 2018-1A B ROCKALL CLO BV Variable Funding	1		12,794,184
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,626,289	4,626,289	12/05/2016	12/05/2046	Interest Rate Swap			77277L-A7-2	Note- USD	1	4,626,289	4,626,289
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,300,000	4,303,440	12/05/2016	12/05/2046	Interest Rate Swap			92558A-AA-8	VIBRANT CLO LTD-SERIES 2016-5A CLASS A	1		4,303,440
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			12551R-AC-2	CIFC Funding 2018-I Ltd-SERIES 18- 1A CLASS B	1		7,212,555

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		Replication (Syn	thetic Asset) Tra	ansactions				nsactions Open as of Cul			of the Repli	ication (Synthetic Asset) Trans	sactions		
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open	1		Cash	n Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			4,938,165	12/05/2016	12/05/2046	Interest Rate Swap			88434H-AE-3	THL Credit Wind River 20-SERIES 18- 2A CLASS A2	1		4,938,165
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			16, 176, 766	12/05/2016	12/05/2046	Interest Rate Swap		(361,984)	MXP001-TT-1	Grupo Aeromexico S.A.B. Floating Rate S	1	16,260,424	16,538,750
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		65,300,000	67, 157, 570	12/05/2016	12/05/2046	Interest Rate Swap			63940L-AC-8	NAVIENT STUDENT LOAN TRU-SERIES 2016-6A CLASS A3 MONTANA HIGHER EDUCATION-SERIES 12-	1	65,300,000	67, 157, 570
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		23, 157, 349		12/05/2016	12/05/2046	Interest Rate Swap			61205P-AL-3	1 CLASS A3	1		
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			9,878,040	12/05/2016	12/05/2046	Interest Rate Swap			04965L-AE-8	ATRIUM XIV LLC-ATRM 14A A2A SLM STUDENT LOAN TRUST-SERIES 2002-	1		
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1					12/05/2046	Interest Rate Swap			78442G-EW-2	7 CLASS A10 HIGHER EDUCATION FUNDING-SERIES	1		
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,827,323	1,841,394	12/05/2016 12/05/2016	12/05/2046	Interest Rate Swap Interest Rate Swap			429827-AK-4 429827-AP-3	2004-1 CLASS A10 HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A14	1	1,827,323 . 	1,841,394
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1, 193, 412	1, 241, 555		12/05/2046	Interest Hate Swap			429827-AP-3	12004-1 CLASS A14 HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A2	1	1, 193, 412	1,241,555
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,867,823	1,889,269		12/05/2046	Interest Rate Swap			83715A-AJ-8	SOUTH CAROLINA STUDENT L-SR UNSECURED	1	1,867,823	1,889,269
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,669,034	1,768,226	12/05/2016	12/05/2046	Interest Rate Swap			784427-AF-3	SLC STUDENT LN TR 2006-1 ASSET BK NT_CL_A-6	1	1,669,034	1,768,226
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,704,343	1,718,066	12/05/2016	12/05/2046	Interest Rate Swap			64033Q-AC-3	NELNET STUDENT LOAN TRUS-SERIES 2015-2A CLASS B 10WA STUDENT LOAN LIQUID-SERIES	1	1,704,343	1,718,066
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,861,057	1,935,882	12/05/2016	12/05/2046	Interest Rate Swap			462590-JT-8	2012-1 CLASS B PENNSYLVANIA ST HGR EDU -SERIES	1	1,861,057	1,935,882
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,234,550	1,225,950	12/05/2016	12/05/2046	Interest Rate Swap			709163-GJ-2	2006 CL B	1	1,234,550	1,225,950
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1, 170, 396	1, 190,082	12/05/2016	12/05/2046	Interest Rate Swap			17284L-AB-0	2007-1 CLASS B SLM STUDENT LOAN TRUST-SERIES 2013-	1	1, 170, 396	1, 190,082
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		1,344,972	1,339,297	12/05/2016	12/05/2046	Interest Rate Swap			78448C-AH-2	6 CLASS B Babson CLO Ltd 2015-I-BABSN 2015-IA	1		1,339,297
57629*DH1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125.000.000			12/05/2016	12/05/2046	Interest Rate Swap Interest Rate Swap	-	(359,436)	056162-AS-9 MXP001-TT-1	CR Grupo Aeromexico S.A.B. Floating Rate S	1		
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			6,535,776	12/05/2016	12/05/2046	Interest Rate Swap			78448R-AD-8	SMB PRIVATE ED LN TR 2015-C LN BCK	1		6,535,776
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			5,709,089	12/05/2016	12/05/2046	Interest Rate Swap			78448P-AD-2	SMB PRIVATE ED LOAN TR 2015-A LN BACKED NT A-3	1		
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,080,157	4,064,794	12/05/2016	12/05/2046	Interest Rate Swap	-		19458L-BH-2	COLLEGIATE FUNDING SERVI-SERIES 2005-B CLASS A4	1	4,080,157	4,064,794
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			3,694,357	12/05/2016	12/05/2046	Interest Rate Swap			78446D-AC-3	SLM STUDENT LOAN TRUST-SERIES 2011- A CLASS A3 NAVIENT STUDENT LOAN TRU-SERIES	1		
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,835,588	3,918,788	12/05/2016	12/05/2046	Interest Rate Swap			63938E-AD-6	2014-1 CLASS A4	1	3,835,588	
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		16,258,743		12/05/2016	12/05/2046	Interest Rate Swap			840555-DA-1	CL A-3 ACCESS GROUP INC-SERIES 2005-B	1		
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,415,673	8,547,176		12/05/2046	Interest Rate Swap			00432C-CW-9	CLASS A3 EDUCATIONAL FUNDING OF T-SERIES	1	8,415,673	
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	12/05/2046	Interest Rate Swap			28148W-AC-7	2011-1 CLASS B	1		
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		9,337,262 8,269,259	9,654,671	12/05/2016	12/05/2046	Interest Rate Swap Interest Rate Swap	-		78444C-AE-3	CLASS A5 SLM STUDENT LOAN TRUST-SERIES 2007- 5 CLASS A6	1 1	9,337,262 8,269,259	9,654,671
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			00400V-AB-3	ACADEMIC LOAN FUNDING TR-ALFT 2012- 1A A2	' 1		
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			462592-AD-8	IOWA STUDENT LOAN LIQUID-SERIES 2005-1 CLASS B	1		
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			78442G-QA-7	SLM STUDENT LOAN TRUST-SERIES 2005- 6 CLASS B	1		

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		Replication (Syn									of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Oper	<u></u> ו		Cash	n Instrument(s) Held		
		NAIC						9	10	11	12	13	14 NAIC	15	16
		Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity		Book/Adjusted Carrying				Designation or Other	Book/Adjusted Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			1,782,318	12/05/2016	. 12/05/2046	Interest Rate Swap			38021F-AB-7	GOAL CAPITAL FUNDING TRU-SERIES 2015-1 CLASS B	2		1,782,318
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,683,733	1,778,795	12/05/2016	12/05/2046	Interest Rate Swap			28138J-AB-0	EDUCATIONAL SERVICES OF -SERIES 15- 2 CLASS B	1	1,683,733	1,778,795
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2,307,347	12/05/2016	. 12/05/2046	Interest Rate Swap			78442G-GM-2	SLM STUDENT LOAN TRUST 2003-4 LN BKD CTF CL B EDUCATIONAL SERVICES OF -2014-4	2		2,307,347
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			1,359,791	12/05/2016	12/05/2046	Interest Rate Swap			28090A-AB-5	SERIES B SOCIAL PROFESSIONAL LOAN-SERIES	1	1,358,263	1,359,791
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/05/2016	. 12/05/2046	Interest Rate Swap			83401L-AA-2	2015-A CLASS A1 Apidos CLO-SERIES 18-29A CLASS A1B	1		
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7,042,579	12/05/2016	. 12/05/2046	Interest Rate Swap			03767M-AE-8	Greenwood Park CLO Ltd-SERIES 18-1A	1	7,200,000	7,042,579
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			4,300,692		. 12/05/2046	Interest Rate Swap			39729R-AC-2	CLASS B Canyon Capital CLO Ltd-CANYC 2012-	1	4,400,000	4,300,692
57629*DG3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			4,955,360	12/05/2016	. 12/05/2046	Interest Rate Swap			13876J-AE-2	1RA B EDUCATION LOAN ASSET-BAC-SERIES	1		4,955,360
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125,000,000	D7,546,650 .	5,723,069	12/06/2016	12/06/2046	Interest Rate Swap		(1,635,405)	281397-AP-4	2003-2 CLASS 2A1 Grupo Aeromexico S.A.B. Floating Rate S	1		7,358,474
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			66705R-AA-7	NORTHSTAR EDUCATION FINA-NEF 2016-1	1		
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6.670.814		12/06/2016	12/06/2046	Interest Rate Swap			281397-AB-5	DUCATION LOAN ASSET-BAC-SERIES	1	6.670.814	
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CK-5	NELNET STUDENT LOAN TRUS-SERIES 2005-4 CLASS A4R1	2		5,612,412
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,825,398			12/06/2046	Interest Rate Swap			78443G-AG-0	SLM STUDENT LOAN TRUST-SERIES 2006- 7 CLASS A6B	1	4,825,398	
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,335,259	5,012,226	12/06/2016	. 12/06/2046	Interest Rate Swap			106238-LJ-5	BRAZOS TX HGR EDU AUTH REVENUE BOND	1	4,335,259	5,012,226
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			5,929,318	12/06/2016	. 12/06/2046	Interest Rate Swap			28108Q-AB-0	EDLINC STUDENT LOAN FUND-SERIES 2012-1 CLASS B	1	5,622,523	5,929,318
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	. 12/06/2046	Interest Rate Swap			281397-AQ-2	EDUCATION LOAN ASSET-BAC-SERIES 2003-2 CLASS 2A2 GOAL CAPITAL FUNDING TR 2010-1	1	413,850	
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,552,997		12/06/2016	. 12/06/2046	Interest Rate Swap			38021E-AA-2	STUDENT LN BKD NT	1	2,552,997	2,607,059
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			4, 135, 461	12/06/2016	. 12/06/2046	Interest Rate Swap			64031Q-CM-1	2005-4 CLASS A4R2	2		4, 135, 461
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	. 12/06/2046	Interest Rate Swap			658262-GD-6	2011-2 CLASS A3 SLM STUDENT LOAN TRUST-SERIES 2004-	1		3,836,062
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1					. 12/06/2046	Interest Rate Swap			78442G-KW-5	1 CLASS A6 SLM STUDENT LN TR 2006-5-NOTE CL B	1	1,902,152	1,974,085
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1					. 12/06/2046	Interest Rate Swap			83149E-AG-2	Dryden 64 CLO Ltd-DRSLF 2018-64A B	1		14,942,929
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			26251L-AE-4 23341K-AA-3	DRB PRIME STUDENT LOAN T-SERIES 2015-D CLASS A1			13,585,818
57629*DF5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		8.816.642	3, 131,928 8,880,731	12/06/2016	12/06/2046	Interest Hate Swap			23341K-AA-3 64031C-AB-8	NELNET STUDENT LOAN TRUS-SERIES	1		3, 131,928
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		12,864,642		12/06/2016	. 12/06/2046	Interest Rate Swap			78442G-PS-9	SLM STUDENT LOAN TRUST-SERIES 2005- 5 CLASS B	'	12,864,642	
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			87244A-BC-3	WIND RIVER CLO LTD-SERIES 12-1A CLASS BR	1	3,900,000	
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	. 12/06/2046	Interest Rate Swap			03328T-AS-4	ANCHORAGE CAPITAL CLO 7 -ANCHC 2015-7A B1R	1		
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	. 12/06/2046	Interest Rate Swap			89852T-AN-8	Tryon Park CLO Ltd-TPCLO 2013-1A A1JR	1		2,948,571
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		0	9,754,927	12/06/2016	. 12/06/2046	Interest Rate Swap		(1,355,073)	MXP001-TT-1	Grupo Aeromexico S.A.B. Floating Rate S	1		11, 110,000
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/05/2016	12/05/2046	Interest Rate Swap			83715R-AG-7	SOUTH CAROLINA STUDENT L-SERIES 2014-1 CLASS B	1		9,634,906

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		D I I I I I			Replication	on (Synthetic	c Asset) I ra	nsactions Open as of Cu	urrent Statement		<u> </u>				T
1	2	Replication (Synt	hetic Asset) Ira		6	7	0	Derivetive l	natuumant(a) Onan		of the Repl	ication (Synthetic Asset) Trans			
I	2	3	4	5	6	/	8	9	nstrument(s) Open	11	12	13	Instrument(s) Held	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	Fair Value
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			784420-AE-1	SLC STUDENT LOAN TRUST-SERIES 2005- 1 CLASS B	1		
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 2005-			
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,363,256	5,547,454	12/06/2016	12/06/2046	Interest Rate Swap			78442G-QT-6	8 CLASS B	1	5,363,256	5,547,454
57629*DE8	ABS Bank Loans and Corp Bonds	1		5,582,267	5,771,208	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PD-2	3 CLASS B	1	5,582,267	5,771,208
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		2,790,161	2,914,596	12/06/2016	12/06/2046	Interest Rate Swap			493268-AU-0	KEYCORP STUDENT LOAN TRU-SERIES 1999-B CLASS CTFS	1	2,790,161	2,914,596
57629*DE8	Evergreen Basket of Long Fixed Rate			6.670.528		12/06/2016	12/06/2046	Interest Rate Swap			78446C-AB-7	SLM STUDENT LOAN TRUST-SERIES 2013- 2 CLASS B	4	6.670.528	6.918.649
	Evergreen Basket of Long Fixed Rate	I		·····		12/06/2016	12/06/2046	Interest Hate Swap			/8446C-AB-/	NAVIENT STUDENT LOAN TRU-SERIES	1		b,918,649
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,955,000	6,470,200	12/06/2016	12/06/2046	Interest Rate Swap			63938E-AE-4	2014-1 CLASS B NELNET STUDENT LOAN TRUS-SERIES	1	6,955,000	6, 470, 200
57629*DE8	ABS Bank Loans and Corp Bonds	1		4,662,279	4,534,976	12/06/2016	12/06/2046	Interest Rate Swap			64031A-AJ-5	2006-3 CLASS B	1	4,662,279	4,534,976
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6,210,533	6,716,005	12/06/2016	12/06/2046	Interest Rate Swap			63939L-AC-1	NAVIENT STUDENT LOAN TRU-SERIES 2015-3 CLASS B	1	6,210,533	6,716,005
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 2013-			
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,517,095	6,595,557	12/06/2016	12/06/2046	Interest Rate Swap			78447M-AD-0	1 CLASS B NELNET STUDENT LOAN TRUS-SERIES	1	6,517,095	6,595,557
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5, 391, 990	5, 489, 131	12/06/2016	12/06/2046	Interest Rate Swap			64033J-AB-1	2014-1A CLASS B COLLEGE LOAN CORPORATION-SERIES	1	5, 391, 990	5,489,131
57629*DE8	ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			194266-AE-2	2005-2 CLASS B	1		
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,488,955	4.687.082	12/06/2016	12/06/2046	Interest Rate Swap			64033N-AB-2	NELNET STUDENT LOAN TRUS-SERIES 2014-5A CLASS B	1	4,488,955	4,687,082
	Evergreen Basket of Long Fixed Rate											COLLEGE LOAN CORPORATION-SERIES			
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			194262-CF-6	2004-1 CLASS B SLM STUDENT LOAN TRUST-SERIES 2004	1		
57629*DE8	ABS Bank Loans and Corp Bonds	1		2,647,275	2,723,183	12/06/2016	12/06/2046	Interest Rate Swap			78442G-LJ-3	- 3 CLASS B	1	2,647,275	2,723,183
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			64032A-AB-1	NELNET STUDENT LOAN TRUS-SERIES 2012-1A CLASS B	1		
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3.097.842	3,374,268	12/06/2016	12/06/2046	Interest Rate Swap			64032F-AH-7	NELNET STUDENT LOAN TRUS-SERIES 2007-2A CLASS A4A2	1	3.097.842	3.374.268
	Evergreen Basket of Long Fixed Rate											NELNET STUDENT LOAN TRUS-SERIES	·		, , , ,
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,294,849		12/06/2016	12/06/2046	Interest Rate Swap			64033L-AD-2	2014-2A CLASS B NELNET STUDENT LOAN TRUS-SERIES	1		
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,240,000	3,204,394	12/06/2016	12/06/2046	Interest Rate Swap			64033K-AB-8	2014-3A CLASS B	1		3,204,394
57629*DE8	ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			03767M-AG-3	Apidos CLO-SERIES 18-29A CLASS A2 .	1		
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,500,000	4.382.888	12/06/2016	12/06/2046	Interest Rate Swap			55952Y-AT-4	Magnetite VIII Ltd-MAGNE 2014-8A CR2	1	4,500,000	4,382,888
	Evergreen Basket of Long Fixed Rate											Ares XXXVIII CLO Ltd-SERIES 15-38A		, ,	
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,700,000	6,539,180	12/06/2016	12/06/2046	Interest Rate Swap			04015U-AJ-7	CLASS BR	1	6,700,000	6,539,180
57629*DE8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2,979,981	12/06/2016	12/06/2046	Interest Rate Swap			48250R-BN-5	. KKR CLO 12 Ltd-KKR 12 BR2 ATRIUM CDO CORP-SERIES 8A CLASS BR	1		
57629*DD0	ABS Bank Loans and Corp Bonds	1			7, 175, 773	12/06/2016	12/06/2046	Interest Rate Swap		(1,724,601)	04964H-AN-8		1		
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			1.010.000	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1	Grupo Aeromexico S.A.B. Floating Rate S	1		
	Evergreen Basket of Long Fixed Rate											TICP CLO LTD-SERIES 2016-6A CLASS B	_		
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,900,000	8,900,854	12/06/2016	12/06/2046	Interest Rate Swap			87246M-AB-8		1	8,900,000	8,900,854
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		9,843,974		12/06/2016	12/06/2046	Interest Rate Swap			92917A-AA-4	VOYA 2018-1A A1 CARLYLE GLOBAL MARKET ST-SERIES	1	9,843,974	
57629*DD0	ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AQ-7	2012-4A CLASS BR	1		
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,500,000	1,486,608	12/06/2016	12/06/2046	Interest Rate Swap			13876J-AE-2	Canyon Capital CLO Ltd-CANYC 2012- 1RA B	1		
	Evergreen Basket of Long Fixed Rate				, ,										
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,500,000	7,491,983	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AC-9	BARINGS CLO LTD-BABSN 2016-3A A2 Anchorage Capital CLO Lt-ANCHC	1	7,500,000	7,491,983
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			03331J-AJ-1	2018-10A B Babson CLO Ltd 2015-1-BABSN 2015-1A	1		
57629*DD0	ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			056162-AN-0	AR	1		

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		Replication (Syn	thetic Asset) Tr	ansactions	riephoan			nsactions Open as of Cul			of the Repl	cation (Synthetic Asset) Transa	ctions		
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open				nstrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			83609Y-AE-6	Sounds Point CLO IV-R LT-SERIES 13- 3RA CLASS B SLM STUDENT LOAN TRUST-SERIES 2013-	1		
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			78448A-AD-5	4 CLASS B	1		
57629*DD0	ABS Bank Loans and Corp Bonds	1			1,869,516	12/06/2016	12/06/2046	Interest Rate Swap	-		00432C-DE-8	CLASS B	1	1,703,747	1,869,516
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,278,846	2,280,765	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KN-5	SLM STUDENT LOAN TRUST-SERIES 2003- 14 CLASS A6	1		
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			1,635,889	12/06/2016	12/06/2046	Interest Rate Swap			493268-BW-5	2004-A CLASS 1B	1	1,676,166	1,635,889
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			429827-AR-9	2004-1 CLASS B1	1	605,750	
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1					12/06/2046	Interest Rate Swap			429827-AS-7	2004-1 CLASS B2 NELNET STUDENT LOAN TRUS-SERIES	1	2,034,813	
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2, 139, 594	12/06/2016	12/06/2046	Interest Rate Swap			64033T-AB-9	2015-3A CLASS B	1	1,953,471	2, 139, 594
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1,490,079 1,889,458	1,458,212		12/06/2046	Interest Rate Swap Interest Rate Swap			19458L-BD-1	2005-A CLASS B ACCESS GROUP INC-SERIES 2015-1 CLASS B	1	1,490,079 1.889.458	1,458,212
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		2,782,270		12/06/2016	12/06/2046	Interest Rate Swap	-		78442G-RY-4	SLM STUDENT LOAN TRUST-SERIES 2006- 2 CLASS B	1	1,889,458	
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			194267-AM-2	COLLEGE LOAN CORPORATION-SERIES 2007-1 CLASS B2	1		3, 135, 356
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			92978J-AH-6	WACHOVIA STUDENT LOAN TR-SERIES 2006-1 CLASS B	1		
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			1,973,401	12/06/2016	12/06/2046	Interest Rate Swap			83715R-AH-5	SOUTH CAROLINA STUDENT L-SERIES 15- A CLASS A	1	1,906,735	1,973,401
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2, 455, 804	12/06/2016	12/06/2046	Interest Rate Swap			28137T-AB-9	EDUCATIONAL SERVICES OF -SERIES 2014-2 CLASS B	1	2,493,659	2,455,804
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			1,837,712	12/06/2016	12/06/2046	Interest Rate Swap			78443B-AK-2	10 CLASS B	1	1,812,582	1,837,712
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2, 329, 865	12/06/2016	12/06/2046	Interest Rate Swap			69340Q-AB-2	2015-1A CLASS B	1	2,393,873	2, 329, 865
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2, 153, 034	2, 182, 327	12/06/2016	12/06/2046	Interest Rate Swap			281378-AB-5	2015-1 CLASS B	1	2, 153, 034	2, 182, 327
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			00432C-AR-2	NAVIENT STUDENT LOAN TRUST 2014-8	1	1,253,250	1,341,335
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			7,056,182	12/06/2016	12/06/2046	Interest Rate Swap Interest Rate Swap	-		63939D-AD-7 69688X-AU-5	CL B Palmer Square CLO 2014-1-SERIES 2014-1A CLASS A2RR	۱ <u></u>	7,088,377	7,056,182
57629*DD0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Hate Swap	-	(1 719 504)	92558V-AC-8	Vibrant CLO Ltd-SERIES 18-9A CLASS A2	1		
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10,800,000		12/06/2016	12/06/2046	Interest Rate Swap			94949J-AC-9	Wellfleet CLO 2018-2 Ltd-WELF 2018- 2A A2	1	10,800,000	
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			04017E-AE-2	ARES XXXIIR CLO LTD-SERIES 14-32RA CLASS A1B	1		
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			55951P-BC-0	Magnetite VII Ltd-MAGNE 2012-7A A2R2	1		
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			40436V-AB-7	HIGHBRIDGE LOAN MANAGEME-HLM 11A-17 B	۱		
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,200,000		12/06/2016	12/06/2046	Interest Rate Swap			04964H-AQ-1	ATRIUM VIII-DEF NT CL C-R	1		8, 199, 713
57629*DC2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			7,515,942	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AE-5	BARINGS CLO LTD-BABSN 2016-3A B	1	7,516,250	7,515,942
57629*DC2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			2,487,245	12/06/2016	12/06/2046	Interest Rate Swap			50189P-AN-2	CLASS C2	1	2,500,000	2,487,245
57629*DC2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			6,739,676		12/06/2046	Interest Rate Swap	-		87244A-BE-9		1	6,767,216	6,739,676
57629*DC2	ABS Bank Loans and Corp Bonds	1			6,699,853	12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AY-0	2012-4A CLASS C1R	1	6,700,000	

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		Replication (Svn	thetic Asset) Tra	ansactions	ricplication	on (Oyninou		ansactions Open as of (of the Repli	cation (Svnthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper	1		Cash	Instrument(s) Held		
				-	-		-	9	10	11	12	13	14	15	16
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity		Book/Adjusted Carrying				NAIC Designation or Other	Book/Adjusted Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
	Evergreen Basket of Long Fixed Rate		, unount	Value		Dato	Duio	Description	Value		00011	Northstar Education Fina-REVENUE	Description	Value	
57629*DC2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1				12/06/2016	12/06/2046	Interest Rate Swap			66704J-AJ-7	BONDS ANCHORAGE CAPITAL CLO LT-ANCHC	1	7,516,421	7,471,064
57629*DC2	ABS Bank Loans and Corp Bonds	1				12/06/2016	12/06/2046	Interest Rate Swap			03328W-AE-8	2016-9A C	1		
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			4,749,896	12/06/2016	12/06/2046	Interest Rate Swap			55820N-AE-1	MADISON PARK FUNDING LTD-MDPK 2016- 24A C1	1	4,750,000	4,749,896
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,500,000	4,499,834	12/06/2016	12/06/2046	Interest Rate Swap			67091H-AP-6	OHA LOAN FUNDING LTD-SERIES 2012-1A CLASS CR	1	4,500,000	4,499,834
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1			6,605,037	12/06/2016	12/06/2046	Interest Rate Swap			77341D-AE-7	Rockford Tower CLO 2017SERIES 17- 3A CLASS B	1	6,750,000	6,605,037
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,375,000	4,374,847	12/06/2016	12/06/2046	Interest Rate Swap			48251B-AE-0	KKR FINANCIAL CLO LTD-KKR 16 B1	1	4,375,000	4,374,847
Awaiting PPN		1Z		64,641,734		03/28/2017	04/01/2019	Currency Forward		2.304.013	912833-LN-8	US TREASURY STRIP 0% DUE 05/15/2023	1		
Awaiting PPN	ů	17	.50,000,000			04/11/2017	04/15/2019	Currency Forward			912828-PX-2	US TREASURY N/B Note 3.625% DUE 02/15/2021	1	55, 150, 122	
-	Line of a r Long form bond	12				05/01/2017	05/08/2019	Currency Forward			912828-PX-2	US TREASURY N/B Note 3.625% DUE 02/15/2021	1		
Awaiting PPN	······	12								, ,		US TREASURY N/B Note 3.625% DUE	· · · · · · · · · · · · · · · · · · ·	, , ,	, ,
Awaiting PPN		12				05/02/2017	05/09/2019	Currency Forward		2, 106, 360	912828-PX-2	02/15/2021 US TREASURY N/B Note 3.625% DUE	1		80,891,679
91283# AP8	Inverse JPY Long Term Bond	1				05/03/2017	05/09/2019	Currency Forward		2,313,862	912828-PX-2	02/15/2021 Allegro CLO VI Ltd-ALLEG 2017-2A B	1		
91283# AP8	Inverse JPY Long Term Bond	1				05/03/2017	05/09/2019	Currency Forward			01749B-AB-5	Greenwood Park CLO Ltd-SERIES 18-1A	1	6,400,000	6,264,358
91283# AP8	Inverse JPY Long Term Bond	1			4,300,692	05/03/2017	05/09/2019	Currency Forward			39729R-AC-2	CLASS B Babson CLO Ltd 2015-I-BABSN 2015-IA	1	4,400,000	4, 300, 692
91283# AP8	Inverse JPY Long Term Bond	1			4,916,894	05/03/2017	05/09/2019	Currency Forward			056162-AS-9	CR BlueMountain Fuji US Clo-SERIES	1	5,095,000	4,916,894
91283# AP8	Inverse JPY Long Term Bond	1				05/03/2017	05/09/2019	Currency Forward			09628F-AE-9	2017-3A CLASS B CRESTLINE DENALI CLO XV -SERIES 17-	1	4,000,000	
91283# AP8	Inverse JPY Long Term Bond	1			1,957,872	05/03/2017	05/09/2019	Currency Forward			22616C-AE-3	A CLASS C	1		1,957,872
91283# AP8	Inverse JPY Long Term Bond	1		1,995,000		05/03/2017	05/09/2019	Currency Forward			06760E-AC-0	IS CLASS BR	1	1,995,000	1,958,763
Awaiting PPN	Inverse JPY Long Term Bond	1Z		59,500,438	61,318,674	05/10/2017	05/13/2019	Currency Forward			912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 .	1		
Awaiting PPN		1Z				05/11/2017	05/15/2019	Currency Forward			912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 _	1		
Awaiting PPN		1Z				05/16/2017	05/20/2019	Currency Forward		431,145	912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 _	1		
Awaiting PPN	Line of a Long form boild	1Z				05/17/2017	05/20/2019	Currency Forward			912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 -	1		
Awaiting PPN		1Z		34,708,589		05/17/2017	05/20/2019	Currency Forward			912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 _	1		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		21,249,107		09/15/2017	09/15/2047	Interest Rate Swap			03073E-AM-7	AmerisourceBergen Corp-SENIOR UNSECURED	2		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1				09/15/2017	09/15/2047	Interest Rate Swap			055450-AH-3	BHP Billiton Finance USA-DEBENTURE	1		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		31, 150, 618	31,349,506	09/15/2017	09/15/2047	Interest Rate Swap			12572Q-AG-0	CME GROUP INC-SR UNSECURED	1	31, 150, 618	31,349,506
57629* DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1				09/15/2017	09/15/2047	Interest Rate Swap			29364N-AS-7	ENTERGY MISSISSIPPI INC-SECURED	1		
57629* DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1					09/15/2047	Interest Rate Swap			313747-AF-4	FEDERAL REALTY INVESTMEN-NOTE REID	1		
	Evergreen Basket of Inverse	· · · · · · · · · · · · · · · · · · ·										GILEAD SCIENCES INC-SENIOR	· · · · · · · · · · · · · · · · · · ·		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	I					09/15/2047	Interest Rate Swap			375558-AW-3	UNSECURED NOTE GRAIN SPECTRUM FUND II-SECURED NOTE	I		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1				09/15/2017	09/15/2047	Interest Rate Swap			384780-AA-0	RENAISSANCERE FINANCE-SR UNSECURED	1		19,379,304
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1				09/15/2017	09/15/2047	Interest Rate Swap			75972Y-AA-9		1		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1				09/15/2017	09/15/2047	Interest Rate Swap			884315-AG-7	THOMAS & BETTS CORP-NOTE	1		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1			19,441,818	09/15/2017	09/15/2047	Interest Rate Swap			958587-BJ-5	UNSECURED NOTE Crestline Denali CLO Ltd-SERIES	1		19,441,818
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1				09/15/2017	09/15/2047	Interest Rate Swap			22615E-AE-0	2018-1A CLASS C	1		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1			7,743,064	09/15/2017	09/15/2047	Interest Rate Swap			67104L-AG-2	2013-2A CR	1		

SCHEDULE DB - PART C - SECTION 1

ļ		Replication (Syn	thetic Asset) Tr								of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open	1		Cash	n Instrument(s) Held		
		NAIC Designation or		Book/Adjusted				9	10 Book/Adjusted	11	12	13	14 NAIC Designation or	15 Book/Adjusted	16
Number	Description	Other Description	Notional Amount	Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Carrying Value	Fair Value	CUSIP	Description	Other Description	Carrying Value	Fair Value
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1			6,952,372	09/15/2017	09/15/2047	Interest Rate Swap			39862E-AB-0	GRIPPEN PARK CLO LTD-SERIES 17-1A CLASS B	1	7,000,000	6,952,372
57629* DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds Evergreen Basket of Inverse	2	250,000,000	0		09/15/2017	09/15/2047	Interest Rate Swap		(8,669,715)	031162-CJ-7	AMGEN INC-SENIOR UNSECURED	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			44107T-AT-3	UNSECURED NOTE	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			445658-CD-7	UNSECURED NOTE	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2			, ,	09/15/2017	09/15/2047	Interest Rate Swap			456866-AM-4	INGERSOLL-RAND CO-DEBENTURE	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE Republic Services Inc-SENIOR	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			760759-AP-5	UNSECURED NOTE	2		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			94106L-BA-6	Waste Management Inc-SR UNSECURED _ SPARC EM SPC PANAMA METR-SECURED	2		
57629* DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2	250,000,000			09/15/2017	09/15/2047	Interest Rate Swap		(8.461.840)	00287Y-AL-3	AbbVie Inc-SENIOR UNSECURED NOTE	2		
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			00507U-AS-0	ACTAVIS FUNDING SCS-SENIOR UNSECURED NOTE	2		
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		6,228,237	6,367,880	09/15/2017	09/15/2047	Interest Rate Swap			195869-AP-7	COLONIAL PIPELINE CO-SR UNSECURED .	1	6,228,237	6, 367, 880
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			254709-AM-0	DISCOVER FINANCIAL SVS-SENIOR UNSECURED	2		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			444859-BA-9	Humana Inc-SENIOR UNSECURED NOTE MOSAIC CO/THE-SENIOR UNSECURED NOTE	2		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			61945C-AA-1	PHILLIPS 66 PARTNERS LP-SENIOR	2		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			718549-AB-4	UNSECURED REALTY INCOME CORP-SENIOR UNSECURED	2		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			756109-AN-4	NOTE REID BlackRock Inc-SENIOR UNSECURED NOTE	1		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			09247X-AJ-0 883203-BQ-3	Textron Inc-NOTE	1 2	17,902,665	
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			760759-AP-5	Republic Services Inc-SENIOR UNSECURED NOTE	2		
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			05683L-AC-0	Bain Capital Credit CLO -BCC 2018- 1A A2	1		
57629* DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		0		09/15/2017	09/15/2047	Interest Rate Swap			045487-AA-3	ASSOC BANC-CORP-SR UNSECURED	2		
57629* DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		21,874,071		09/15/2017	09/15/2047	Interest Rate Swap			378272-AL-2	GLENCORE FUNDING LLC-SR UNSECURED .	2	21,874,071	
57629* DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			45167R-AF-1	IDEX Corp-SENIOR UNSECURED NOTE KERBY GROUP FIN SERVICES-SENIOR	2	22,880,811	
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			49245P-AA-4	UNSECURED NOTE	2		
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			67103H-AF-4	UNSECURED PLUM CREEK TIMBERLANDS-SENIOR	2		
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			72925P-AD-7	UNSECURED NOTE Reinsurance Group of Ame-SENIOR	2		
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2				09/15/2017	09/15/2047	Interest Rate Swap			759351-AG-4	UNSECURED NOTE	2		
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2		25,866,899		09/15/2017	09/15/2047	Interest Rate Swap			806851-AG-6	UNSECURED	2	25,866,899	
57629* DN8 57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		21,878,733		09/15/2017	09/15/2047	Interest Rate Swap			92936M-AB-3 98310W-AL-2	NOTE WYNDHAM WORLDWIDE CORP-SENIOR UNSECURED NOTE	2		21,075,880

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		Replication (Syr	nthetic Asset) Tra	nsactions							of the Repli	cation (Synthetic Asset) Tran	sactions		
1	2	3	4	5	6	7	8	Derivative Ins	strument(s) Oper	1		Casl	h Instrument(s) Held		
		NAIC Designation or		Book/Adjusted	-	F (())		9	10 Book/Adjusted	11	12	13	14 NAIC Designation or	15 Book/Adjusted	16
Number	Description	Other Description	Notional Amount	Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Carrying Value	Fair Value	CUSIP	Description	Other Description	Carrying Value	Fair Value
57629* DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			98956P-AF-9	Zimmer Biomet Holdings I-SR UNSECURED	2		
57629* DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2				09/15/2017	09/15/2047	Interest Rate Swap			EK5851-40-8	ISRAEL ELECTRIC CORP LTD-SECURED NOTE	2	21,050,933	
Awaiting PPN	Sovereign Bond of Peru	1Z				12/20/2018	06/20/2024	5 Yr Credit Default Swap	64,053		912810-RP-5	UNITED STATES TREASURY 3.00% DUE 11/15/45	1		
Awaiting PPN	Sovereign Bond of Mexico	1Z					06/20/2024	5 Yr Credit Default Swap	(237,767)		912833-LL-2	US TREASURY DUE 2/15/2023	. 1		
Awaiting PPN	Sovereign Bond of Mexico	1Z			20,698,210		06/20/2024	5 Yr Credit Default Swap	(74,602)		912810-RV-2	US TREASURY 3.0% DUE 2/15/2044	1		
Awaiting PPN	Sovereign Bond of Brazil	1Z					06/20/2024	5 Yr Credit Default Swap	(149,720)	(178,755)	912810-RV-2	US TREASURY 3.0% DUE 2/15/2044	1		
Awaiting PPN	Sovereign Bond of Columbia	1Z					06/20/2024	5 Yr Credit Default Swap	(243, 372)	(131,404)	912810-RV-2	US TREASURY 3.0% DUE 2/15/2044	1		
Awaiting PPN	Sovereign Bond of India	1Z					06/20/2024	5 Yr Credit Default Swap	(103, 117)	(78,615)	912810-RV-2	US TREASURY 3.0% DUE 2/15/2044 US TREASURY N/B-UNSECURED 2.875%	1		
Awaiting PPN	Sovereign Bond of India	1Z		14,875,109		12/20/2018	06/20/2024	5 Yr Credit Default Swap			912810-RU-4	DUE 11/15/2046 US TREASURY N/B-UNSECURED 2.875%	. 1		15, 186, 328
Awaiting PPN	Sovereign Bond of Malaysia Credit Default Indicies	1Z				12/20/2018	06/20/2024	5 Yr Credit Default Swap			912810-RU-4	DUE 11/15/2046 US TREASURY N/B Note 3.625% DUE	. 1	14,875,109	15, 186, 328
Awaiting PPN	(CDIG032/CDX.NA.IG.32) Credit Default Indicies	2Z				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index		9, 151,647	912828-PX-2	02/15/2021	1		
Awaiting PPN	(CDIG032/CDX.NA.IG.32) Credit Default Indicies	22				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			76116F-AG-2	RFCSP PRINCIPAL STRIP US TREASURY N/B Note 3.625% DUE	. 1		
Awaiting PPN	(CDIG032/CDX.NA.IG.32) Credit Default Indicies	22				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	3,829,577	4,000,526	912828-PX-2	02/15/2021 US TREASURY N/B Note 3.625% DUE	1	250,682,373	255,986,328
Awaiting PPN	(CDIG032/CDX.NA.IG.32) Credit Default Indicies	27				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	4,348,585	4,549,271	912828-PX-2	02/15/2021	1		
Awaiting PPN	Credit Default Indicies	2Z				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			76116F-AG-2	RECSP PRINCIPAL STRIP	. 1		
Awaiting PPN	(CD1G032/CDX.NA.1G.32)	2Z				03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			912810-QK-7	US Treasury 3.875% DUE 8/15/2040 US TREASURY STRIP 0% DUE 05/15/2023	3		113, 120, 508
Awaiting PPN	_ Inverse JPY Long Term Bond	1Z					05/20/2019	Currency Forward		(3,222,338)			. 1	20,200,542	
Awaiting PPN	Inverse JPY Long Term Bond	1Z				05/31/2018	05/20/2019	Currency Forward			912810-RU-4	US TREASURY 2.875% DUE 11/15/2046 - US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9		
Awaiting PPN	Inverse JPY Long Term Bond	1Z		70,030,985		05/31/2018	04/15/2019	Currency Forward			912828-LJ-7	US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9	70,030,985	70,287,109
Awaiting PPN	Inverse JPY Long Term Bond	1Z				05/31/2018	05/09/2019	Currency Forward			912828-LJ-7	US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9		
Awaiting PPN	Inverse JPY Long Term Bond	1Z				05/31/2018	04/01/2019	Currency Forward		(2, 161, 509)		US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9		70,287,109
Awaiting PPN	Inverse JPY Long Term Bond	1Z		70,030,985		05/31/2018	05/08/2019	Currency Forward		(2, 119, 565)		US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9	70,030,985	70,287,109
Awaiting PPN	Inverse JPY Long Term Bond	1Z			, , , ,	05/31/2018	05/13/2019	Currency Forward		(2, 119, 556)		US TREAS N/B-NOTE 3.625% 08/15/2019	. 1 9		70,287,109
Awaiting PPN	Inverse JPY Long Term Bond Credit Default Indicies	1Z		70,030,985			05/15/2019	Currency Forward		(2, 109, 894)			. 1		70, 287, 109
Awaiting PPN	(CDIG032/CDX.NA.IG.32) Evergreen Basket of Floating Rate	27		111,616,638	115,916,628	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	1,681,292	, ,	912810-RV-2	US TREASURY 3.0% DUE 2/15/2044	1		114, 146, 484
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/07/2018	11/07/2048	Interest Rate Swap		(20,626,789)		TTX CO-SENIOR UNSECURED	. 1	33,225,308	
Awaiting PPN	Evergreen Basket of Floating Rate	1				11/07/2018	11/07/2048	Interest Rate Swap			341081-FR-3	Florida Power & Light Co-SECURED Intercontinental Exchang-SENIOR	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1			28,083,238	11/07/2018	11/07/2048	Interest Rate Swap			45866F-AH-7	UNSECURED	. 1	26,205,745	
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/07/2018	11/07/2048	Interest Rate Swap			010392-FS-2	Alabama Power Co-SENIOR UNSECURED .	1		27,913,600
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/07/2018	11/07/2048	Interest Rate Swap			976843-BJ-0	WISCONSIN PUBLIC SERVICE-SECURED	. 1	26,978,156	
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1			10, 429, 259	11/07/2018	11/07/2048	Interest Rate Swap			235851-AR-3	DANAHER CORP-SR UNSECURED	1	10,610,119	10,429,259
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1			17, 145, 745	11/07/2018	11/07/2048	Interest Rate Swap		(27, 155, 073)	45174X-AA-0	IHC Health Services Inc-SECURED UNIVERSITY OF CHICAGO-UNSECURED	. 1	42,300,000	
Awaiting PPN	Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			91412N-AK-6	BOND	. 1	41,500,042	
Awaiting PPN	Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			906548-CN-0	Union Electric Co-SECURED	1	40,929,248	

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		Replication (Syn	thetic Asset) Tra	ansactions	ricplication	on (Oyninci	C A3301/ 112	nsactions Open as of (of the Repli	cation (Synthetic Asset) Trans	sactions		Ĩ
1	2	3	4	5	6	7	8	Derivative	e Instrument(s) Open				n Instrument(s) Held		
		-		-			-	9	10	11	12	13	14	15	16
		NAIC											NAIC		
		Designation or		Book/Adjusted					Book/Adjusted				Designation or	Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			575718-AB-7	MASS INSTITUTE OF TECH-UNSECURED BOND	1		
And thig the	Evergreen Basket of Floating Rate					10,007,2010	11/01/2040	Interest nate snap				GREAT-WEST LIFECO FINANC-SENIOR			
Awaiting PPN	Corporate Bonds	1		29,496,143		11/07/2018	11/07/2048	Interest Rate Swap			39138Q-AC-9	UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1	200.000.000	54, 181, 435	24,634,478	11/07/2018	11/07/2048	Interest Rate Swap		(31,818,971)	882508-BD-5	Texas Instruments Inc-SENIOR UNSECURED	1		
Awar thig the	Evergreen Basket of Floating Rate	1					11/0//2040						1		, , .
Awaiting PPN	Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			745332-CG-9	PUGET SOUND ENERGY INC-SECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			81373P-AA-1	Securian Financial Group-SENIOR UNSECURED	1		
Awarting rn	Evergreen Basket of Floating Rate	1				11/0//2010	11/0//2040	Therest hate Swap			013/3F-AA-1		1		
Awaiting PPN	Corporate Bonds	1		51,930,020		11/07/2018	11/07/2048	Interest Rate Swap			92826C-AF-9	VISA INC-SR UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/07/2018	11/07/2048	Interest Rate Swap			049560-AP-0	Atmos Energy Corp-SENIOR UNSECURED	1		
Awarting Friv	Evergreen Basket of Floating Rate	1			, 110, 923 , 110, 923	11/0//2010	11/0//2040	Tillerest hate owap			049300-AF-0		1		
Awaiting PPN	Corporate Bonds	1		56,727,206		11/08/2018	11/08/2048	Interest Rate Swap		(46,832,441)) 12572Q-AH-8	CME Group Inc-SENIOR UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			00440E-AW-7	ACE INA HOLDINGS-SR UNSECURED	1		
Awarting Friv	Evergreen Basket of Floating Rate	1				11/06/2016	11/00/2040	Tillerest hate owap			00440E-AII-7	EXXON MOBIL CORPORATION-SR			
Awaiting PPN	Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			30231G-AW-2	UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			037833-BX-7	Apple Inc-SENIOR UNSECURED	1		
Awarting Friv	Evergreen Basket of Floating Rate	1				11/06/2016	11/00/2040	Tillerest hate owap			03/033-DA-/	UNITEDHEALTH GROUP INC-SR UNSECURED			
Awaiting PPN	Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			91324P-CR-1		1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			023135-AQ-9	AMAZON.COM INC-SR UNSECURED	1		
Awarting Friv	Evergreen Basket of Floating Rate	1				11/06/2016	11/00/2040	Therest hate Swap			023133-AQ-9	SIEMENS FINANCIERINGSMAT-SENIOR			
Awaiting PPN	Corporate Bonds	1		0		11/08/2018	11/08/2048	Interest Rate Swap		(50,228,040)	82620K-AT-0	UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			585055-BU-9	MEDTRONIC INC-SR UNSECURED	1		
Awar thig the	Evergreen Basket of Floating Rate	1				11/00/2010	11/00/2040	Therest have on ap			303033 80 3		·		
Awaiting PPN	Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			141781-BF-0	CARGILL INC-SR UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			023135-BM-7	Amazon.com Inc-SENIOR UNSECURED	1		
-	Evergreen Basket of Floating Rate	1													
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/08/2018	11/08/2048	Interest Rate Swap			899043-AA-1	TUFTS UNIVERSITY-UNSECURED BOND	1		
Awaiting PPN	Corporate Bonds	1		18,483,042		11/08/2018	11/08/2048	Interest Rate Swap			40728T-AA-1	HAMILTON COLLEGE-UNSECURED	1		
Ť	Evergreen Basket of Floating Rate			,	, ,							MASSACHUSETTS ELECTRIC-SENIOR			
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/08/2018	11/08/2048	Interest Rate Swap		(25, 182, 380)	575634-AT-7	UNSECURED	1		
Awaiting PPN	Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			45138L-BD-4	IDAHO POWER CORP-SECURED NOTE	1		
-	Evergreen Basket of Floating Rate											Empresa de Transporte de-SENIOR			
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/08/2018	11/08/2048	Interest Rate Swap			29246Q-AB-1	UNSECURED]1		
Awaiting PPN	Corporate Bonds	1		28,333,406		11/08/2018	11/08/2048	Interest Rate Swap			771196-BH-4	NOTE	1	28,333,406	
A 141 0011	Evergreen Basket of Floating Rate				00 000 000	44 (00 (00 10	44 /00 /00 10				407070 011 4	Home Depot Inc/The-SENIOR UNSECURED		00.010.151	00 000 000
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	I				11/08/2018	11/08/2048	Interest Rate Swap			437076-BH-4		l'		
Awaiting PPN	Corporate Bonds	1	l	28,275,000		11/08/2018	11/08/2048	Interest Rate Swap			578454-AD-2	MAYO CLINIC-UNSECURED	1	28,275,000	
	Evergreen Basket of Floating Rate			66,843,429		11/00/0010	11 /00 /00 40	Internet Date Core		(50,000,040)	000070 40 4	AIRBUS SE-SENIOR UNSECURED		00.040.400	00 700 000
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	I		סס, 843, 429 .		11/08/2018	11/08/2048	Interest Rate Swap		(50,228,040)	009279-AC-4	Parker-Hannifin Corp-SENIOR			69,706,828
Awaiting PPN	Corporate Bonds	1		68,449,398		11/08/2018	11/08/2048	Interest Rate Swap			701094-AL-8	UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			23338V-AE-6	DTE Electric Co-SECURED	1		
AWALLING FEN	Evergreen Basket of Floating Rate	1		, ,		11/00/2010	11/00/2040	interest nate owap				NOVARTIS CAPITAL CORP-SR UNSECURED	1	, ,	,,
Awaiting PPN	Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			66989H-AH-1		1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				11/08/2018	11/08/2048	Interest Rate Swap			594918-CB-8	MICROSOFT CORP-SENIOR UNSECURED	1		
-	Evergreen Basket of Floating Rate	·													
Awaiting PPN	Corporate Bonds	1		23,530,563		11/08/2018	11/08/2048	Interest Rate Swap			69351U-AV-5	PPL Electric Utilities C-SECURED	1		

SCHEDULE DB - PART C - SECTION 1

			nthetic Asset) Tra	1		_	1			Components	of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		strument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Floating Rate								T aldo			Berkshire Hathaway Finan-SENIOR	2000.000		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/08/2018	11/08/2048	Interest Rate Swap	-		084664-CQ-2	UNSECURED BRISTOL-MYERS SQUIBB CO-SR	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				11/08/2018	11/08/2048	Interest Rate Swap			110122-AX-6	UNSECURED	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1	140,000,000			12/03/2018	12/03/2048	Interest Rate Swap		(17,536,009)	039483-BM-3	UNSECURED	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1	-			12/03/2018	12/03/2048	Interest Rate Swap			00401M-AB-2	ABU DHABI CRUDE OIL PIPE-SECURED	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				12/03/2018	12/03/2048	Interest Rate Swap			207597-EH-4	Connecticut Light & Powe-SECURED ESTEE LAUDER CO INC-SENIOR	1		
Awaiting PPN	Corporate Bonds	1				12/03/2018	12/03/2048	Interest Rate Swap	-		29736R-AG-5	UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				12/03/2018	12/03/2048	Interest Rate Swap			04351L-AA-8	ASCENSION HEALTH-UNSECURED BOND	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1		9,998,138		12/03/2018	12/03/2048	Interest Rate Swap			00115A-AJ-8	AEP Transmission Co LLC-SENIOR UNSECURED	1	9,998,138	
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				12/03/2018	12/03/2048	Interest Rate Swap		(19,801,530)	02361D-AR-1	Ameren Illinois Co-SECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1			38.857.088	12/03/2018	12/03/2048	Interest Rate Swap			468223-AT-9	Jackson Laboratory/The-UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1			36 413 895	12/03/2018	12/03/2048	Interest Rate Swap			743315-AS-2	PROGRESSIVE CORP-SENIOR UNSECURED .	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1					12/03/2048	Interest Rate Swap	-		17858P-AB-7	City of Hope-SENIOR UNSECURED	1		
-	Evergreen Basket of Floating Rate											<i>,</i> .			
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	· · · · · · · · · · · · · · · · · · ·				12/03/2018	12/03/2048	Interest Rate Swap	-		44107H-AE-2	NY Society for Relief of-SECURED	I		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1		9,969,913	10,567,462		12/03/2048	Interest Rate Swap			458140-AV-2	INTEL CORP-SENIOR UNSECURED SIMON PROPERTY GROUP LP-SENIOR	1	9,969,913	
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				12/10/2018	12/10/2048	Interest Rate Swap		(14,063,784)	828807-CZ-8	UNSECURED BURLINGTN NORTH SANTA FE-SENIOR	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				12/10/2018	12/10/2048	Interest Rate Swap			12189L-BB-6	UNSECURED GREAT-WEST LIFECO FINANC-SENIOR	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				12/10/2018	12/10/2048	Interest Rate Swap			391382-AB-4	UNSECURED	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				12/10/2018	12/10/2048	Interest Rate Swap			038222-AM-7	UNSECURED	1		
Awaiting PPN	Corporate Bonds	1	-			12/10/2018	12/10/2048	Interest Rate Swap			210518-DB-9	Consumers Energy Co-SECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				12/10/2018	12/10/2048	Interest Rate Swap			455434-BR-0	INDIANAPOLIS PWR & LIGHT-SECURED BOND	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				01/07/2019	01/07/2049	Interest Rate Swap			931142-CS-0	. WAL-MART STORES INC-SENIOR NOTE	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				01/07/2019	01/07/2049	Interest Rate Swap			755111-BU-4	Raytheon Co-SENIOR UNSECURED NOTE .	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				01/07/2019	01/07/2049	Interest Rate Swap			87305Q-CB-5	TTX CO-UNSECURED NOTE	1		53,035,939
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1				01/07/2019	01/07/2049	Interest Rate Swap			458140-AK-6	INTEL CORP-SENIOR UNSECURED NOTE	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1			103, 180, 368	01/07/2019	01/07/2049	Interest Rate Swap			437076-AS-1	Home Depot Inc/The-SENIOR UNSECURED	1		
Awaiting PPN	Evergreen Basket of Floating Rate Corporate Bonds	1	-			01/07/2019	01/07/2049	Interest Rate Swap			341081-FG-7	FLORIDA POWER & LIGHT CO-SECURED	1		
	Evergreen Basket of Floating Rate								-			APPLIED MATERIALS INC-SENIOR	۰		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	· · · · · · · · · · · · · · · · · · ·		, , , , ,		01/07/2019	01/07/2049	Interest Rate Swap			038222-AG-0	UNSECURED NOTE BHP Billiton Finance USA-SR	I		65,445,582
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1				01/31/2019	01/31/2049	Interest Rate Swap		(11,028,279)	055451-AV-0	UNSECURED	1		
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1	-	65,961,761	70, 124, 487	01/31/2019	01/31/2049	Interest Rate Swap			478165-AG-8	UNSECURED NOTE	1	65,961,761	70, 124, 487
Awaiting PPN	Corporate Bonds Evergreen Basket of Floating Rate	1	-			01/31/2019	01/31/2049	Interest Rate Swap			78409V-AB-0	NOTE	1		
Awaiting PPN	Corporate Bonds	1	150,000,000	47,233,807	41,258,775	02/04/2019	02/04/2049	Interest Rate Swap		(7,461,896)	057224-AZ-0	BAKER HUGHES INC-SENIOR NOTE	1	47,233,807	

SCHEDULE DB - PART C - SECTION 1

		Replication (Synt	hetic Asset) Tra	ansactions	1		/			Components	of the Repli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative Ins	strument(s) Open				Instrument(s) Held		
								9	10	11	12	13	14	15	16
		NAIC											NAIC		
		Designation or		Book/Adjusted					Book/Adjusted				Designation or	Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
	Evergreen Basket of Floating Rate											Toronto-Dominion Bank/Th-			
	Corporate Bonds	1				02/04/2019	02/04/2049	Interest Rate Swap			891160-MJ-9	SUBORD I NATED	1		
	Evergreen Basket of Floating Rate Corporate Bonds	1		71,718,931	73.521.620	02/04/2010	02/04/2049	Interest Rate Swap			278865-AM-2	Ecolab Inc-SENIOR UNSECURED NOTE	1	71.718.931	73,521,620
	Evergreen Basket of Floating Rate	1				02/04/2013	02/04/2049	Interest nate Swap			27000J-AM-2	LEGITAD THE SENTON DISECONED NOTE	·		
	Corporate Bonds	1				02/04/2019	02/04/2049	Interest Rate Swap			68389X-AM-7	ORACLE CORP-SENIOR UNSECURED NOTE .	1		
	Evergreen Basket of Floating Rate							-				Caterpillar Inc-SENIOR UNSECURED			
	Corporate Bonds	1				02/04/2019	02/04/2049	Interest Rate Swap			149123-CB-5	BOND	1	65,600,954	
	Evergreen Basket of Floating Rate			00 004 504	70 005 570	00/04/0040	00/04/0040				077070 45 7	GLAXOSMITHKLINE CAP INC-SR		00 004 504	70 005 570
	Corporate Bonds	I						Interest Rate Swap				UNSECURED			
9999999999 -	Totals			15,699,621,844	16,020,560,615	XXX	XXX	XXX	18,033,924	70,980,218	XXX	XXX	XXX	15,681,587,920	15,949,580,397

SCHEDULE DB - PART C - SECTION 2

Replication (Synthetic Asset) Transactions Open

					•					
	First C	Quarter	Second	Quarter	Third (Quarter	Fourth	Quarter	Year T	o Date
	1 Number of Positions	2 Total Replication (Synthetic Asset) Transactions Statement Value	3 Number of Positions	4 Total Replication (Synthetic Asset) Transactions Statement Value	5 Number of Positions	6 Total Replication (Synthetic Asset) Transactions Statement Value	7 Number of Positions	8 Total Replication (Synthetic Asset) Transactions Statement Value	9 Number of Positions	10 Total Replication (Synthetic Asset) Transactions Statement Value
1. Beginning Inventory		13,581,622,879								13,581,622,879
2. Add: Opened or Acquired Transactions	16	2,150,000,000							16	
3. Add: Increases in Replication (Synthetic Asset) Transactions Statement Value	xxx				xxx		xxx		xxx	
4. Less: Closed or Disposed of Transactions	15	1,330,207,107							15	1,330,207,107
5. Less: Positions Disposed of for Failing Effectiveness Criteria										
6. Less: Decreases in Replication (Synthetic Asset) Transactions Statement Value	xxx									
7. Ending Inventory	123	14,401,415,772							123	14,401,415,772

SCHEDULE DB - VERIFICATION

Verification of Book/Adjusted Carrying Value, Fair Value and Potential Exposure of all Open Derivative Contracts

		Book/Adjusted Carrying Va	lue Check
1.	Part A, Section 1, Column 14		
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		3,101,975,021
4.	Part D, Section 1, Column 5		
5.	Part D, Section 1, Column 6	(5,687,976,276)	
6.	Total (Line 3 minus Line 4 minus Line 5)		(108,141,852)
		Fair Value Check	i
7.	Part A, Section 1, Column 16		
8.	Part B, Section 1, Column 13		
9.	Total (Line 7 plus Line 8)		3,263,063,263
10.	Part D, Section 1, Column 8	9,394,500,109	
11.	Part D, Section 1, Column 9		
12	Total (Line 9 minus Line 10 minus Line 11)		
		Potential Exposure C	heck
13.	Part A, Section 1, Column 21	4 , 490 , 036 , 940	
14.	Part B, Section 1, Column 20		
15.	Part D, Section 1, Column 11	4,608,277,590	
16.	Total (Line 13 plus Line 14 minus Line 15)		

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

CostP Description Code Date Acquired Rate of Interest Matury Date Currency Value Due and Accrued 0000000 10000000 1000000 1000000 1000000 10000000 10000000 10000000 100000000 100000000 1000000000 10000000000000000000 1000000000000000000000000000000000000	9 Amount Received	8 Amount of Interest	7 Book/Adjusted	6	5	4	3	2	
1009990 Total J. Al Orbar Government Bords Image: Control J.S. Political Biocheborn Bords Image: Control J.S. Political Biol Biol Biol Biol Biol Biol Biol Bio	During Year	Due and Accrued	Carrying Value	Maturity Date	Rate of Interest	Date Acquired	Code	scription	
1779999 Todal - U.S. States, Tentronice and Postession Bands </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
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AUTORE INC. COMERCIAL PARE 0.007/2019 0.00 0.41/2019 15.65.65 AUTORE INC. COMERCIAL PARE 0.007/2019 0.00 0.41/2019 1.5.65.65 AURADILI, INC. COMERCIAL PARE 0.007/2019 0.00 0.41/2019 1.5.65.65 AURADILI, INC. COMERCIAL PARE 0.007/2019 0.00 0.41/2019 1.5.65.65 AURADILI, INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 1.5.65.66 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 1.7.87.78 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 1.7.87.78 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 3.8.8.97 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 3.8.8.97 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 3.8.8.97 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.000 0.41/2019 3.8.8.98 BUTTER INTERNITION INC. COMERCIAL PARE 0.007/2019 0.									
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BATTER INTERVITION. INC. COMERCIAL PAPEI 0.00 0.00/02/219 28. 318 BRITIN SUDIFIFIC CAPP COMMERCIAL PAPEI 0.01/28/219 0.00 0.01/22/219 3.8 46, 55 CONSTRUCTION COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CARTERNIT NO. COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CARTERNIT NO. COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CARTERNIT NO. COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CONSTRUCT NO. COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CONSTRUCT NO. COMERCIAL PAPEI 0.01/22/219 0.00 0.01/22/219 3.00, 00 CONSTRUCT NO. COMERCIAL PAPEI 0.01/22/219 0.00									
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OLE GRUP INC. OWARCIUL PARES 0.000 0.4073/2019 3.6 396. 333 ON MELLI STRUCT INC DIMENIAL PARES 0.000 0.4074/2019 0.000 0.4074/2019 3.000.000 OW MELLI STRUM OWARCIUL PARES 0.000 0.4074/2019 0.000 0.4074/2019 3.000.000 OWARCIUL PARES 0.000 0.4074/2019 0.000 0.4074/2019 3.000.000 OWARCIUL PARES 0.000 0.4074/2019 0.000 0.4074/2019 3.000.000 OWARCIUL PARES 0.000 0.4071/2019 0.000 0.4071/2019 3.000.000 OWARCIUL PARES 0.000 0.4071/2019 0.000 0.4070/2019 3.985.980 OWARCIUL PARES				04/22/2019	0.000				
OPH MERIC FINUEXE, INC. COMBECIAL PARE. 0.004/07/2019 0.000									
OS HEALT COPPART (IN COMBECIAL PARE) 0.07/2019 0.000 0.4/17/2019 0.000								,	
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CBTTEPNIT EVERY INC. 20MBRCI IA, PAPER 0/10/7/2019 0.000 0/05/2019 13.9.45.316 COTTEPNIT EVERY INC. 20MBRCI IA, PAPER 0.000 0.001 0.05/14/2019 11.84.346 CID ENTEPNITE EVERY INC. 20MBRCI IA, PAPER 0.001 0.001 0.05/14/2019 11.84.346 UP ENTEPNITE EVERY INC. 20MBRCI IA, PAPER 0.001					0.000	01/24/2019			
CBHTEPOINT DERENY INC. COMBERCIAL PARER 0.000 0.007/0219 6.982.418 CISCO STRIED, C. COMBERCIAL PARER 0.007/2019 0.000 0.0/09/2019 38.976.158 JUNI DEEER CAPITAL COMPRATION COMMERCIA 0.017/2019 0.000 0.0/09/2019 5.985.44 JUNI DEEER CAPITAL COMPRATION COMMERCIA 0.017/2019 0.000 0.0/09/2019 5.985.54 JUNI DEEER CAPITAL COMPRATION COMMERCIA 0.017/2019 0.000 0.0/27/2019 10.488.815 DUNINON EDERT CAPITAL COMPRATION COMMERCIAL PARER 0.017/2019 0.000 0.0/27/2019 10.988.815 DUNINON EDERT CAPITAL COMPRATION COMMERCIAL PARER 0.017/2019 0.000 0.0/07/2019 39.994.983 ELECTIN C.D. COMMERCIAL PARER 0.037/2019 0.000 0.0/07/2019 39.994.983 ELENTOR DEC. COMMERCIAL PARER 0.027/2019 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
cliso SYSTEIR INC. COMMERCIAL PAPER 0.01/47/2019 0.000 0.69/47/2019 11.684.349 cliso SYSTEIRS INC. COMMERCIAL PAPER 0.01/09/2019 0.000 0.40/09/2019 5.996.584 cliso Commercial PAPER 0.01/07/2019 0.000 0.65/20219 10.688.55 cliso Commercial PAPER 0.01/07/2019 0.000 0.65/20219 10.688.55 cliso Commercial PAPER 0.01/07/2019 0.000 0.64/26/2019 3.994.980 cliso Commercial PAPER 0.01/07/2019 0.000 0.64/26/2019 3.994.980 cliso Commercial PAPER 0.02/27/2019 0.000 0.64/26/2019 3.994.980 cliso Commercial PAPER 0.02/27/2019 0.000 0.64/26/2019 3.994.980 cliso Commercial PAPER 0.02/26/2019 0.000 0.64/26/2019 3.994.980 cliso Commercial PAPER 0.02/26/2019 0.000 0.64/49/2019 3.994.980 cliso Commercial PAPER 0.02/26/2019 0.000 0.64/49/2019 3.994.980 cliso Commercial PAPER 0.02/26/2019 0.000 0.64/49/2019 3.994.980									
COX ENTERPRISES INC. COMMERCIAL PARER 0.0077/2019 0.000 0.4/09/2019 38, 976, 159 JOH DEEEE CAPTIAL COPRRATION COMMERCIA 0.0727/2019 0.000 0.679/2019 5.966, 584 JOHN DEEEE CAPTIAL CORRECTAL PARER 0.0727/2019 0.000 0.679/2019 1.968, 584 DOMINION ENERGY INC. COMMERCIAL PARER 0.0727/2019 0.000 0.47/03/2019 1.968, 484 DUVER CORP. COMMERCIAL PARER 0.0027/2019 0.000 0.47/03/2019 1.968, 484 EXTON CORPORATION COMMERCIAL PARER 0.0027/2019 0.000 0.47/03/2019 3.984, 486 ELENSIN ELECTRIC 0. COMMERCIAL PARER 0.0027/2019 0.000 0.47/03/2019 3.984, 486 ELENSIN ELECTRIC 0. COMMERCIAL PARER 0.0027/2019 0.000 0.47/03/2019 3.984, 486 ELENSIN ELECTRIC 0. COMMERCIAL PARER 0.0027/2019 0.000 0.47/03/2019 3.984, 486 ELENSIN ELECTRIC 0. COMMERCIAL PARER 0.000 0.47/03/2019 3.984, 486 3.975, 348 ELENSIN ELECTRIC 0. COMMERCIAL PARER 0.0027/2019 0.000 0.47/04/2019 3.989, 975, 348 ELENSIN ELECTRIC									
JOHN DEERE CAPITAL CORPORATION COMMERCIAL PAPER 0.02/82/2019 0.000 0.05/20/2019 10.488,815 DOMINION DERGY INC. COMMERCIAL PAPER 0.01/82/2019 0.000 0.04/32/2019 3.949,930 EATO COPPORATION COMMERCIAL PAPER 0.02/22/2019 0.000 0.04/03/2019 3.949,930 EATO COPPORATION COMMERCIAL PAPER 0.02/22/2019 0.000 0.04/03/2019 3.94,930 ENERSIN ELECTRIC OC. OMMERCIAL PAPER 0.02/22/2019 0.000 0.04/03/2019 3.98,976,349 ENERSINE ELECTRIC OC. OMMERCIAL PAPER 0.02/26/2019 0.000 0.04/04/2019 2.5,983,939 ENERSINE COVER COMMERCIAL PAPER 0.02/26/2019 0.000 0.04/04/2019 2.5,983,939 ENERSINE COVER COMMERCIAL PAPER 0.000 0.04/04/2019 2.5,983,939 0.000 ENTERNY EXPROUNTS OFERATING LLE COMER 0.000 0.000 0.000 0.000 0.000 ENTERNY EXPROUNTS OFERATING LLE COMER 0.000 0.04/04/2019 2.900,981 0.000 ENTERNY EXPROUNTS OFERATING LLE COMER 0.000 0.001/02/0219 2.900,981 0.000 0.001/02/0219 0.000					0.000				COX ENTERPRISES INC. COMMERCIAL PAPER
DDMINION ENERGY INC. COMMERCI AL PAPER 0.00 0.04/25/2019 1.9 §61,822 DVER CORP. COMMERCI AL PAPER 0.3/27/2019 0.000 0.4/03/2019 3.3 941,822 ENTON CORPORT ION COMMERCI AL PAPER 0.3/27/2019 0.000 0.4/03/2019 3.9 975,349 ENERTON ELECTRI CO COMMERCI AL PAPER 0.3/22/2019 0.000 0.4/16/2019 1.989,052 ENERTON ELECTRI CO COMMERCI AL PAPER 0.3/12/2019 0.000 0.4/16/2019 1.989,052 ENERTONE (U.S.) INC. COMMERCI AL PAPER 0.3/22/2019 0.000 0.4/02/2019 2.899,983 ENERTONE (U.S.) INC. COMMERCI AL PAPER 0.3/22/2019 0.000 0.4/02/2019 2.899,981 ENTERY COPE COMMERCIAL PAPER 0.3/22/2019 0.000 0.4/02/2019 2.000,000 ENTERY COPE COMMERCIAL PAPER 0.3/22/2019 0.000 0.4/06/2019 4.988,972 EUTERY INSE PRODUCTS OFERATING LLC COMMER 0.3/22/2019 0.000 0.4/12/2019 4.988,972 EUTERY INSE PRODUCTS OFERATING LLC COMMER 0.3/22/2019 0.000 0.4/16/2019 1.997,75 EUTERY INSE PRODUCTS OFERATING LLC COMMERCI AL PAPER									
DOVER CORP. COMMERCIAL PAPER 0.000 0.4/03/2019 33,94,993 EATON CORPCATINO COMMERCIAL PAPER 0.002/2019 0.000 0.4/09/2019 38,94,993 ELEVENCO COMERCIAL PAPER 0.0228/2019 0.000 0.4/09/2019 38,94,993 EDERSIN COMERCIAL PAPER 0.0228/2019 0.000 0.4/09/2019 38,94,993 EDERSIN COMERCIAL PAPER 0.0228/2019 0.000 0.4/04/2019 25,993,993 ENTERGY CORP COMMERCIAL PAPER 0.001 0.4/09/2019 25,993,993 0.000 ENTERGY CORP COMERCIAL PAPER 0.1/09/2019 0.000 0.4/09/2019 25,993,993 ENTERGY CORP COMMERCIAL PAPER 0.1/09/2019 0.000 0.4/09/2019 29,993,981 ENTERGY CORP COMMERCIAL PAPER 0.1/09/2019 0.000 0.4/09/2019 29,993,981 ENTERGY CORP COMMERCIAL PAPER 0.1/09/2019 0.000 0.4/09/2019 29,993,981 ENTERGY CORP COMMERCIAL PAPER 0.1/09/2019 0.000 0.4/01/2019 29,994,981 ENTERGY CORP COMMERCIAL PAPER 0.002 0.001 0.4/15/2019 19,995,772 <	4,292 93,238								
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ENBRIDGE (U.S.) INC. COMMERCIAL PAPER				04/09/2019	0.000				EATON CORPORATION COMMERCIAL PAPER
ENBRIDGE (U.S.) INC. COMMERCIAL PAPER 0.000 0.6/05/2019 .6, 662, 908 EVTERBY COMP COMMERCIAL PAPER .01/19/2019 .0.000 .04/09/2019 .0.000 EVTERPISE PRODUCTS OPERATING LLC COMMER .0/02/2019 .0.000 .04/09/2019 .0.000 EVTERPISE PRODUCTS OPERATING LLC COMMER .0/02/2019 .0.000 .0/4/02/2019 .0.000 EVTERPISE PRODUCTS OPERATING LLC COMMER .0/02/2019 .0.000 .0/4/05/2019 .49,985,272 EQUIFAX INC. COMMERCIAL PAPER .0.2/12/2019 .0.000 .0/4/10/2019 .19,97,75 FINC TECHNOLOGIES INC. COMMERCIAL PAPER .0/2/14/2019 .0.000 .0/4/15/2019 .19,97,75 FINC TECHNOLOGIES INC. COMMERCIAL PAPER .0/2/14/2019 .0.000 .0/4/15/2019 .19,97,75 FINC COPP. COMMERCIAL PAPER .0/2/14/2019 .0.000 .0/4/03/2019 .6/4,990,935 FINC COPP. COMMERCIAL PAPER .0/2/2/2019 .0.000 .0/4/03/2019 .6/4,990,935 FINC COPP. COMMERCIAL PAPER .0/2/2/2019 .0.000 .0/4/03/2019 .2/9,94,821 FINC COPP. COMMERCIAL PAPER .0/2/2/2019									
ENTERGY CORP COMMERCIAL PAPER 01/09/2019 0.000 04/09/2019 12,990,981 ENTERPRISE PRODUCTS OPERATING LLC COMMER 03/29/2019 0.000 04/01/2019 20,000,000 ENTERPRISE PRODUCTS OPERATING LLC COMMER 03/26/2019 0.000 04/01/2019 20,000,000 EQUIFAX INC. COMMERCIAL PAPER 03/26/2019 0.000 04/01/2019 16,188,980 FINC TECHNOLOGIES INC. COMMERCIAL PAPER 02/13/2019 0.000 04/15/2019 19,97,775 FINC TECHNOLOGIES INC. COMMERCIAL PAPER 02/13/2019 0.000 04/16/2019 19,97,775 FEDE CORP. COMMERCIAL PAPER 02/14/2019 0.000 04/16/2019 19,97,775 FINC CORP. COMMERCIAL PAPER 03/26/2019 0.000 04/16/2019 19,97,775 FEDE CORP. COMMERCIAL PAPER 03/21/2019 0.000 04/16/2019 19,97,775 FINC CORP. COMMERCIAL PAPER 03/22/2019 0.000 04/16/2019 19,97,975 FEDE COMPERCIAL PAPER 03/22/2019 0.000 04/16/2019 19,97,975 FINC CORP. COMMERCIAL PAPER 03/22/2019 0.000 04/16	68,494 11,334								
ENTERPRISE PRODUCTS OPERATING LLC COMMER 03/29/2019 0.000 04/01/2019 20,000,000 ENTERPRISE PRODUCTS OPERATING LLC COMMER 03/26/2019 0.000 04/05/2019 49,985,272 EQUIFARING COMMERCIAL PAPER 03/26/2019 0.000 04/05/2019 149,989.000 FMC TECHNOLOGIES INC. COMMERCIAL PAPER 02/13/2019 0.000 04/15/2019 1,997,775 FMC TECHNOLOGIES INC. COMMERCIAL PAPER 02/14/2019 0.000 04/16/2019 19,976,331 FEDEL CORP. COMMERCIAL PAPER 03/27/2019 0.000 04/01/2019 19,976,331 FEDE CORP. COMMERCIAL PAPER 03/27/2019 0.000 04/01/2019 14,900,000 FINC CORP. COMMERCIAL PAPER 03/27/2019 0.000 04/03/2019 14,900,000 FINC CORP. COMMERCIAL PAPER 03/28/2019 0.000 04/03/2019 29,949,421 FINC CORP. COMMERCIAL PAPER 03/26/2019 0.000 04/03/2019 29,949,421 FINC CORP. COMMERCIAL PAPER 03/26/2019 0.000 04/22/2019 29,949,421 FINC CORP. COMMERCIAL PAPER 03/26/2019 0.000 <									
EQUIFAX INC. COMMERCIAL PAPER 0.000				04/01/2019		03/29/2019			ENTERPRISE PRODUCTS OPERATING LLC COMMER
FMC TECHNOLOGIES INC. COMMERCIAL PAPER 02/13/2019 0.000 0.4/15/2019 1,997,775 FMC TECHNOLOGIES INC. COMMERCIAL PAPER 02/14/2019 0.000 04/16/2019 19,976,331 FEDEX CORP. COMMERCIAL PAPER 02/14/2019 0.000 04/16/2019 19,976,331 FEDEX CORP. COMMERCIAL PAPER 03/27/2019 0.000 04/10/2019 14,900,000 FMC CORP. COMMERCIAL PAPER 03/29/2019 0.000 04/01/2019 14,900,000 FMC CORP. COMMERCIAL PAPER 03/20/2019 0.000 04/00/2019 29,994,821 FMC CORP. COMMERCIAL PAPER 03/22/2019 0.000 04/22/2019 24,956,766 FMC CORP. COMMERCIAL PAPER 03/22/2019 0.000 04/22/2019 24,956,766 FMC CORP. COMMERCIAL PAPER 03/22/2019 0.000 04/22/2019 24,956,766									
FIND TECHNOLOGIES INC. COMMERCIAL PAPER 02/14/2019 0.000 04/16/2019 19.976.331 FEDEX CORP. COMMERCIAL PAPER 0.000 0.4/10/2019 6.900 0.4/0/2019 6.900									
FMC CORP COMMERCIAL PAPER 0.000 0.4/01/2019 14,900,000 FMC CORP 0.000 0.4/01/2019 0.000 0.4/03/2019 29,994,821 FMC CORP COMMERCIAL PAPER 0.000 0.4/03/2019 29,994,821 0.000 FMC CORP COMMERCIAL PAPER 0.000 0.000 0.4/2/2019 24,954,765 FOR TIVE CORPORTING COMMERCIAL PAPER 0.000 0.000 0.4/22/2019 24,951,752									
FINC CORP. COMMERCIAL PAPER 0.3/04/2019 0.000 0.4/03/2019 29,994,821 FINC CORP. COMMERCIAL PAPER 0.3/20/2019 0.000 0.4/22/2019 24,955,476 FORTIVE CORPORTION COMMERCIAL PAPER 0.3/25/2019 0.000 0.4/23/2019 24,955,476									
FINC CORP. COMMERCIAL PAPER 0.3/20/2019 0.000 0.4/22/2019 24,955,476 FORTIVE CORPORTION COMMERCIAL PAPER 0.3/25/2019 0.000 0.4/23/2019 4,991,532									
03/25/2019 0.000 0.000 0.00/23/2019 0.000 0.000 0.00/23/2019 0.0000 0.000 0.000 0.000 0.00									
			14,972,289		0.000	03/27/2019			FORTIVE CORPORATION COMMERCIAL PAPER
HARLEY-DAVIDSON FINANCIAL SERVICES, INC.									
IDVALE of Author the. 0.000 0.000 0.000 0.000 0.000 HERSEY COMPANY (THE.) 0.000 0.000 0.000 0.000 0.000									
HOME DEPOT INC. COMMERCIAL PAPER				04/02/2019	0.000	03/19/2019			HOME DEPOT INC. COMMERCIAL PAPER

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

					2	7		â
1	2	3	4	5	6	7	8	9
						Book/Adjusted	Amount of Interest	Amount Received
CUSIP	Description	Code	Date Acquired	Rate of Interest	Maturity Date	Carrying Value	Due and Accrued	During Year
	ILLINOIS TOOL WORKS INC. COMMERCIAL PAPE		03/27/2019	0.000		6,868,237		
	INTERCONT INENTAL EXCHANGE, INC. COMMERCI							
	INTERCONT I NENTAL EXCHANGE INC. COMERCI			.0.000		5.071.207		
	KIMBERLY-CLARK CORP. COMMERCIAL PAPER		03/12/2019	0.000		6,838,613		
	IMBERLY OLDAR COPP. COMMERCIAL PAPER			0.000		5,796,051		2,76
	KIMBERLY CLARK COPP. COMMERCIAL PAPER			0.000	04/17/2019			2,46
	L'OPEAL USA INC. COMMERCIAL PAPER			0.000 				
	L'OPEAL USA INC. COMMERCIAL PAPER							
	LAM RESEARCH CORP. COMMERCIAL PAPER		01/29/2019	0.000	04/25/2019			
	ELI LILLY & CO. COMMERCIAL PAPER			0.000				
	MARRIOTT INTERNATIONAL INC. COMMERCIAL P			0.000	04/24/2019			
	MARRIOTT INTERNATIONAL INC. COMMERCIAL P			0.000	05/22/2019	14,830,335		6,87
	MARSH & MCLENNAN COMPANIES, INC. COMMERC		03/29/2019	0.000	04/29/2019			
	MARSH & MCLENNAN COMPANIES, INC. COMMERC		03/29/2019	0.000				
	NASDAQ, INC. COMMERCIAL PAPER			0.000	04/02/2019			
	NATIONAL GRID USA COMMERCIAL PAPER			0.000		9,993,062		
	NATIONAL RURAL UTILITIES COOPERATIVE FIN		03/20/2019	0.000	04/03/2019	22,446,942		18.33
	NATIONAL RURAL UTILITIES COOPERATIVE FIN		03/29/2019		04/29/2019	6,886,742		1,41
	NATIVIS BALLEW VORK NY COMMERCIAL PAPER	· [
	INNTATS SK/MEUT UDN NT COMMERCIAL FAPER			0.000				
	NEXTERA ENERGY CAPITAL HOLDINGS, INC. CO	·	01/30/2019					
	NEXTERA ENERGY CAPITAL HOLDINGS, INC. CO	· [03/26/2019	0.000				
	OGE ENERGY CORP. COMMERCIAL PAPER			0.000	04/01/2019			45
	OGE ENERGY CORP. COMMERCIAL PAPER			0.000	04/08/2019			
	PACCAR FINANCIAL CORP. COMMERCIAL PAPER			0.000	04/03/2019	4,899,343		
	PACCAR FINANCIAL CORP. COMMERCIAL PAPER		01/25/2019	0.000	04/25/2019			
	PFIZER INC. COMMERCIAL PAPER			0.000	05/06/2019			
	PUBLIC SERVICE ENTERPRISE GROUP INC. COM							
	PUBLIC SERVICE ENTERPRISE GROUP INC. COM			0.000	05/22/2019	9.958.897		4.81
	SOUTHERN COMPANY (THE) COMMERCIAL PAPER			.0.000		9,980,287		
	SOUTHERN COMPANY (THE) COMMERCIAL PAPER					29,927,526		
	Scottern voir auf (the) commencial paper						,	
	SUDIENN FORM FAIL CONNECTIAL FAFEN							
				0.000				
	UNILEVER CAPITAL CORP. COMMERCIAL PAPER							
	UNION PACIFIC CORP. COMMERCIAL PAPER			0.000	04/02/2019			
	WAL-MART STORES, INC. COMMERCIAL PAPER			0.000	04/08/2019			
	WAL-MART STORES, INC. COMMERCIAL PAPER		01/15/2019	0.000	04/15/2019	6,493,570		
	WESTAR ENERGY, INC. COMMERCIAL PAPER		03/22/2019	0.000	04/02/2019	4,999,621		3,79
	WESTAR ENERGY, INC. COMMERCIAL PAPER		03/26/2019	0.000	04/04/2019			
	WHIRLPOOL CORPORATION COMMERCIAL PAPER			0.000	04/10/2019			
	WHIRLPOOL CORPORATION COMMERCIAL PAPER		03/25/2019	0.000				
	COP FINANCIAL INC COMMERCIAL PAPER			0.000		4,000,000		1,08
	CANADIAN NATURAL RESOURCES LTD. COMMERCI		03/29/2019	0.000	04/08/2019	29,984,367		
	CANADIAN NATURAL RESOURCES LTD. COMMERCI				04/09/2019			
		1				10,800,000		2.38
	INCOME INTERNATIONAL INC. COMMERCIANE PROVINCIA DE COMMERCIANE DE COMM		03/28/2019	0.000		5,500,078		
	nu na bank of canada (vi pravici) comienc		03/28/2019					
	IELUS COMPORTI UN COMMENTAL PARCH AUSTRALI A NO NEW ZEALAND BANKING GROUP							67,10 4,34
	AUSTRALTA AND NEW ZEALAND BANKING GHOUP							4,34
				0.000				······
	B.A.T. INTERNATIONAL FINANCE PLC COMMERC	·		0.000	04/04/2019			
	EXPERIAN FINANCE PLC COMMERCIAL PAPER		03/27/2019	0.000	04/09/2019			9, 19
	MACQUARIE BANK LIMITED COMMERCIAL PAPER			0.000	04/10/2019			8 , 15
	MUFG BANK LTD/NEW YORK NY COMMERCIAL PAP	.		0.000	04/22/2019	1,338,001		
	MUFG BANK LTD/NEW YORK NY COMMERCIAL PAP		03/14/2019	0.000	05/07/2019			
	NRW. BANK COMMERCIAL PAPER		02/14/2019	0.000	04/30/2019	6,985,687		
	NRW.BANK COMMERCIAL PAPER			0.000				
	NRW.BANK COMMERCIAL PAPER			0.000				
	NATIONAL GRID PLC COMMERCIAL PAPER			.0.000	.04/08/2019	28,982,394		
	ROYAL CARIBBEAN CRUISES LTD. COMMERCIAL			0.000		86,919,215		
	NOLLUNERGER INVESTMENT SA COMMERCIAL PA							33,30
	SANDIDANUET ITTE JIIILATI SA COMINETA HE A			0.000				
	SANDINY ISA ENSILDA BANEN A COMPRO			0.000				
	SANDINAVISA ENSILLA BANKEN AB COMMENC	·		0.000				
		·	03/01/2019					
	SOCIETE GENERALE S.A. COMMERCIAL PAPER		01/22/2019	0.000				
	SVENSKA HANDELSBANKEN AB COMMERCIAL PAPE		01/23/2019	0.000	04/16/2019	5,993,468		
	SWEDBANK AB COMMERCIAL PAPER			0.000	04/08/2019			

SCHEDULE E - PART 2 - CASH EQUIVALENTS

Show Investments Owned End of Current Quarter

	Show investments Ov	vited End of Guiteri	Quarter				
1 2	3	4	5	6	7	8	9
					Book/Adjusted	Amount of Interest	Amount Received
CUSIP Description	Code	Date Acquired	Rate of Interest	Maturity Date	Carrving Value	Due and Accrued	During Year
SWEDBANK AB COMMERCIAL PAPER			0.000		26,766,517		20,856
TYCO INTERNATIONAL HOLDING S. A R.L. COM			0.000	04/05/2019			
TYCO INTERNATIONAL HOLDING S. A R.L. COM			0.000	04/26/2019			
3299999. Subtotal - Bonds - Industrial and Miscellaneous (Unaffiliated) - Issuer Obligations					1,988,455,808		3,661,539
3899999. Total - Industrial and Miscellaneous (Unaffiliated) Bonds					1,988,455,808		3,661,539
4899999. Total - Hybrid Securities							
5599999. Total - Parent, Subsidiaries and Affiliates Bonds							
6099999. Subtotal - SVO Identified Funds							
6599999. Subtotal - Bank Loans							
7799999. Total - Issuer Obligations					1,988,455,808		3,661,539
7899999. Total - Residential Mortgage-Backed Securities							
7999999. Total - Commercial Mortgage-Backed Securities							
8099999. Total - Other Loan-Backed and Structured Securities							
8199999. Total - SVO Identified Funds							
8299999. Total - Bank Loans							
8399999. Total Bonds					1,988,455,808		3,661,539
09248U-71-8 BLACKROCK LIQUIDITY FUND-EXEMPT MONEY MA			0.000				
8599999. Subtotal - Exempt Money Market Mutual Funds - as Identified by the SVO					118,270,769		
09248U-61-9 BLACKROCK LIQUIDITY FUND-BLKR-LIQ TMP-IN			0.000				
26188J-20-6 DREYFUS CASH MANAGEMENT-DREYFUS-CS MG-IN			0.000				
38141W-36-4 GOLDMAN SACHS FINANCIAL -OPEN-END FUND			0.000				
825252-64-6 STIT-STIC PRIME PORTFOLI-STIT-STIC-INS			0.000				
949921-12-6 Wells Fargo Government M-WF GOV MMF SEL			0.000				
8699999. Subtotal - All Other Money Market Mutual Funds					204,223,362	2,392,648	387,405
8899999 - Total Cash Equivalents					2,310,949,939	2,392,648	4,048,944

SCHEDULE E - PART 2 - VERIFICATION (Cash Equivalents)

	(Cash Equivalents)	1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	3,695,132,944	2,852,941,262
2.	Cost of cash equivalents acquired		
3.	Accrual of discount		
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals		
6.	Deduct consideration received on disposals	19,722,899,480	
7.	Deduct amortization of premium		
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	2,310,949,937	3,695,132,944
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	2,310,949,937	3,695,132,944