## **QUARTERLY STATEMENT**

**OF THE** 

**Massachusetts Mutual Life Insurance Company** 

**TO THE** 

**Insurance Department** 

**OF THE** 

**STATE OF** 

FOR THE QUARTER ENDED SEPTEMBER 30, 2017

LIFE AND ACCIDENT AND HEALTH

2017



LIFE AND ACCIDENT AND HEALTH COMPANIES - ASSOCIATION EDITION

## **QUARTERLY STATEMENT**

AS OF SEPTEMBER 30, 2017 OF THE CONDITION AND AFFAIRS OF THE

**Massachusetts Mutual Life Insurance Company** 

	NAIC		(Prior) NAIC Company C	ode <u>65935</u> Employer's	ID Number 04-1	<u> </u>			
Organized und	ler the Laws of	` '		, State of Domicile or Port of	Entry	MA			
Country of Don	micile		United States	of America					
Incorporated/O	Organized	05/15/1851		Commenced Business _		08/01/1851			
Statutory Home	e Office	1295 State :	Street ,	. Springfield , MA, US 01111					
-		(Street and N	umber)	(City o	r Town, State, Country	and Zip Code)			
Main Administr	rative Office		1295 State						
		Springfield , MA, US 01111	(Street and	Number)	413-788-8411				
		Town, State, Country and Zip	Code)	( <i>F</i>	Area Code) (Telephone	Number)			
Mail Address		1295 State Stree	ıt		Springfield , MA, US	01111			
Iviali Addiess		(Street and Number or P		(City o	r Town, State, Country				
Driman, Lagati	on of Books and	Pagarda	1205 Sto	to Stroot					
Primary Location	on of Books and	Hecords	1295 Sta (Street and						
		Springfield , MA, US 01111			413-788-8411				
	(City or	Town, State, Country and Zip	Code)	(A	Area Code) (Telephone	Number)			
Internet Websi	te Address		www.massn	nutual.com					
Statutory State	ement Contact	Sean	G. McCallen		413-744-3	3193			
			(Name)	·	(Area Code) (Telep	none Number)			
	S	mccallen@massmutual.com (E-mail Address)			413-226-4086 (FAX Number)				
		(E man / taarooo)			(1777 Hambor)				
			OFFIC	ERS					
	lent and Chief ecutive Officer	Roger Williar	n Crandall	Treasurer	Tod	d Garett Picken			
LXG	_	Pia Denise		Appointed Actuary _					
	Occidity	Tia Bollioo	lanagan	Appointed Actuary _	Doag	do Wilgin Faylor			
Fr. 1		5 " V" B '' '	ОТН	ER	M 1 : T: 11 O 1	" F " Y" B ' I ' I			
		Executive Vice President, er and Chief Actuary	Michael Robert Fanning,	Executive Vice President		pett, Executive Vice President and Investment Officer			
Mark Doug	las Roellig #, Ex	ecutive Vice President and							
Cnier	recnnology and	Administrative Officer	Adnan Omar Anmed, E	xecutive Vice President					
			DIRECTORS O						
		andall - Chairman pet - Lead Director	Karen Ha	II Bechtel Graffenreidt, Jr.		Thomas Bertolini bert Alan Essner			
	Isabella Dav	ridov Goren	Jeffrey Ma	arc Leiden	Marc Francis Racicot				
	Laura Jea	anne Sen	William Ta	aylor Spitz	Ho	ward Todd Stitzer			
0		Managalawanta							
State of County of		Massachusetts Hampden	SS:						
oounty or		Патраст							
						on the reporting period stated above, scept as herein stated, and that this			
statement, toge	ether with related	d exhibits, schedules and expl	anations therein contained, ar	nnexed or referred to, is a full a	and true statement of a	Il the assets and liabilities and of the			
						od ended, and have been completed tate law may differ; or, (2) that state			
						information, knowledge and belief,			
						the NAIC, when required, that is an us regulators in lieu of or in addition			
to the enclosed		ig differences due to electroni	c lilling) of the effclosed states	nent. The electronic ming may	be requested by vario	us regulators in fied of or in addition			
	Roger William Cr ent and Chief Exe		Pia Denise Secre	•		Todd Garett Picken Treasurer			
FIESIUE	in and Onel EXE	Outive Officel	Secre	iai y		HEASUICI			
0 1 " '				a. Is this an original filin	g?	Yes [ X ] No [ ]			
Subscribed and	d sworn to before day of	e me this		<ul><li>b. If no,</li><li>1. State the amendm</li></ul>	ent number				
	uay u			2. Date filed	CITE HUITIDEI				

3. Number of pages attached......

## **ASSETS**

			Current Statement Date		4
		1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	December 31 Prior Year Net Admitted Assets
1.	Bonds	89,402,040,561		89,402,040,561	83,820,817,695
2.	Stocks:				
	2.1 Preferred stocks	835,059,387		835,059,387	464,925,273
	2.2 Common stocks	15,833,396,767		15,833,396,767	15,363,384,808
3.	Mortgage loans on real estate:				
	3.1 First liens	22,160,386,631		22, 160, 386, 631	20,961,091,565
	3.2 Other than first liens				
4.	Real estate:				
	4.1 Properties occupied by the company (less \$				
	encumbrances)	147, 102, 489		147, 102, 489	158, 135, 975
	4.2 Properties held for the production of income (less				
	\$603,743,613 encumbrances)	673, 112, 155		673, 112, 155	737,451,103
	4.3 Properties held for sale (less \$				
	encumbrances)	514,009		514,009	81,092,879
5.	Cash (\$85,866,399 ), cash equivalents				
	(\$1,901,229,733 ) and short-term				
	investments (\$508,820,317 )			2,495,916,449	
	Contract loans (including \$ premium notes)				12,461,290,555
	Derivatives				9,763,460,825
_	Other invested assets				7, 186, 889, 062
	Receivables for securities				161,585,825
	Securities lending reinvested collateral assets				
	Aggregate write-ins for invested assets  Subtotals, cash and invested assets (Lines 1 to 11)			161,430,901,670	154 996 061 945
	Title plants less \$ charged off (for Title insurers	101,409,129,103		101,430,901,070	134,000,001,043
	only)				
	Investment income due and accrued		6 560 384	2,225,119,485	1 911 666 108
	Premiums and considerations:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	15.1 Uncollected premiums and agents' balances in the course of collection	87.396.247	3.941.446	83,454,801	141.093.092
	15.2 Deferred premiums, agents' balances and installments booked but	, ,	,	, , ,	, , .
	deferred and not yet due (including \$				
	earned but unbilled premiums)	630,680,692		630,680,692	642,564,314
	15.3 Accrued retrospective premiums (\$				
	contracts subject to redetermination (\$ )				
16.	Reinsurance:				
	16.1 Amounts recoverable from reinsurers	68,457,735	3,988,349	64,469,386	41,664,064
	16.2 Funds held by or deposited with reinsured companies				
	16.3 Other amounts receivable under reinsurance contracts	12,167,261		12,167,261	(8,316,304)
	Amounts receivable relating to uninsured plans				
	Current federal and foreign income tax recoverable and interest thereon				44,148,885
	Net deferred tax asset				1,606,052,936
	Guaranty funds receivable or on deposit			' '	26,092,893
	Electronic data processing equipment and software	188,614,065	1/8,367,518	10,246,547	9,280,689
21.	Furniture and equipment, including health care delivery assets	20 207 540	20 207 540		
20	(\$				
	Net adjustment in assets and liabilities due to foreign exchange rates			66,664,356	68 885 410
	Health care (\$			00,004,330	
	Aggregate write-ins for other than invested assets			2,239,921,171	
	Total assets excluding Separate Accounts, Segregated Accounts and				
	Protected Cell Accounts (Lines 12 to 25)	170,437,601,483	1,784,246,372	168,653,355,111	161,466,469,743
27.	From Separate Accounts, Segregated Accounts and Protected Cell	66,916,946,948		66,916,946,948	62,203,995,882
28.	Accounts	237,354,548,431	1,784,246,372	235,570,302,059	223,670,465,625
	DETAILS OF WRITE-INS	201,004,040,401	1,704,240,072	200,070,002,000	220,070,403,020
1101.	DETAILS OF WHITE INC				
1101.					
1102.					
	Summary of remaining write-ins for Line 11 from overflow page				
	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)				
	Corporate owned life insurance	2,076,824.528		2,076,824,528	1,980,550,440
	Fully refundable deposits, prepayments and miscellaneous assets				45,213,945
	Employee insurance plan advances		33, 188		40,091,324
	Summary of remaining write-ins for Line 25 from overflow page		1, 172,044,200		31,420,102
	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	3,753,684,863	1,513,763,692	2,239,921,171	2,097,275,811

## LIABILITIES, SURPLUS AND OTHER FUNDS

	LIABILITIES, SOIII LOS AND OTTIENTO	1100	
	440.070.504.500	1 Current Statement Date	2 December 31 Prior Year
1.	Aggregate reserve for life contracts \$	440 070 504 500	100 001 005 101
_	(including \$122,115,733 Modco Reserve)		
2. 3.	Aggregate reserve for accident and health contracts (including \$95,949,205 Modco Reserve)	13 145 828 006	11 574 147 866
	Contract claims:		
	4.1 Life	498,710,158	340,468,688
	4.2 Accident and health	23,703,805	22,534,817
5.	Policyholders' dividends \$	9,767,222	10,022,581
6.	Provision for policyholders' dividends and coupons payable in following calendar year - estimated amounts:		
	6.1 Dividends apportioned for payment (including \$	1,654,291,226	1,599,171,763
	6.2 Dividends not yet apportioned (including \$		
	6.3 Coupons and similar benefits (including \$		
	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		
	\$9,237,906 accident and health premiums	48,385,643	29,443,441
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		
	Service Act	14,595,296	9,612,909
	9.3 Other amounts payable on reinsurance, including \$8,418,503 assumed and \$13,123,287	04 544 700	04 440 000
	ceded	21,541,790 [	34,416,893
10	9.4 Interest Maintenance Reserve	(13,353)	4,863,663
10.	Commissions to agents due or accrued-life and annuity contracts \$	00 050 000	00 000 505
	\$	00,658,238	33,289,525
11.	Commissions and expense allowances payable on reinsurance assumed		
12.	General expenses due or accrued	1,060,374,167	1, 120, 711, 796
13.	Transfers to Separate Accounts due or accrued (net) (including \$(170,288,385) accrued for expense	(000 470 074)	/400 Egg //
	allowances recognized in reserves, net of reinsured allowances)	(233, 172, 251)	(188,589,116)
14.	Taxes, licenses and fees due or accrued, excluding federal income taxes		
	Current federal and foreign income taxes, including \$ on realized capital gains (losses)		
	Net deferred tax liability		
16.	Unearned investment income		
17.	Amounts withheld or retained by company as agent or trustee	22,903,096 [	31,994,760
18.	Amounts held for agents' account, including \$ agents' credit balances	321,034,758 [	301,711,951
19.	Remittances and items not allocated		
20.	Net adjustment in assets and liabilities due to foreign exchange rates		
21.	Liability for benefits for employees and agents if not included above		
22.	Borrowed money \$249,869,167 and interest thereon \$		
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities:	0 005 517 001	2 170 000 260
	24.01 Asset valuation reserve		
	24.02 Reinsurance in unauthorized and certified (\$) companies		
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$) reinsurers	20 722 104	26 505 002
	24.05 Drafts outstanding		
	<u>~</u>		
	24.06 Liability for amounts held under uninsured plans		
	24.08 Derivatives		
	24.09 Payable for securities		
	24.10 Payable for securities lending		
	24.11 Capital notes \$		
25.	Aggregate write-ins for liabilities	8,831,455,901	9,281,690,021
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	152,500,945,414	146,052,119,164
27.		66,916,940,814	62,194,856,505
28.	Total liabilities (Lines 26 and 27)	219,417,886,228	208,246,975,669
29.	Common capital stock		200,240,070,000
30.	Preferred capital stock		
31.	Aggregate write-ins for other than special surplus funds		
32.	Surplus notes		
33.	Gross paid in and contributed surplus		
34.	Aggregate write-ins for special surplus funds		
35.	Unassigned funds (surplus)		
36.	Less treasury stock, at cost:	, , , , ,	, , , , , , , , , , , , , , , , , , , ,
	36.1shares common (value included in Line 29 \$	L	
	36.2 shares preferred (value included in Line 30 \$ )		
37.	Surplus (Total Lines 31+32+33+34+35-36) (including \$	16,152,415,831	15,423,489,956
38.	Totals of Lines 29, 30 and 37	16,152,415,831	15,423,489,956
39.	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	235,570,302,059	223,670,465,625
	DETAILS OF WRITE-INS	,. ,,	, , ,
2501.	Repurchase agreements	4,262,265.891	4,735,731,002
2502.	Derivative collateral		2,839,407,087
2503.	Derivative accrued interest		
2598.	Summary of remaining write-ins for Line 25 from overflow page		80,054,119
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	8,831,455,901	9,281,690,021
3101.	Totale (2.1100 2001 (1.1100g) 2000 ptil 2000)(2.110 20 00010)	, , ,	0,20.,000,02.
3102.			
3103.			
3198.	Summary of remaining write-ins for Line 31 from overflow page		
3199.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401.	Designated surplus for group annuities	2,500.000	2,500,000
3402.	Designated surplus for separate account business		
3403.	Soorginated surprise for oppurate account sucritical	,	,
3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	3,250,000	3,250,000

## **SUMMARY OF OPERATIONS**

		1	2	3
		Current Year To Date	Prior Year To Date	Prior Year Ended December 31
1.	Premiums and annuity considerations for life and accident and health contracts		15,652,972,534	21,408,422,772
2.	Considerations for supplementary contracts with life contingencies	13.957.507	20,407,455	23,549,023
3.	Net investment income	4,930,429,196	4,656,475,300	6, 198, 498, 167
4.	Amortization of Interest Maintenance Reserve (IMR)	89,017,678	103,022,212	135,288,595
5.	Separate Accounts net gain from operations excluding unrealized gains or losses			3 , 135
6.	Commissions and expense allowances on reinsurance ceded		73,325,538	398,451,052
7.	Reserve adjustments on reinsurance ceded	9,188,939	13,394,713	82,715,440
8.	Miscellaneous Income:			
	8.1 Income from fees associated with investment management, administration and contract guarantees from Separate Accounts.	276 762 336	267 148 150	355,790,536
	8.2 Charges and fees for deposit-type contracts			
	8.3 Aggregate write-ins for miscellaneous income	773,216,921	347,401,625	446,735,033
9.	Totals (Lines 1 to 8.3)	21,201,444,242	21, 134, 150, 910	29,049,453,753
10.			1,245,189,963	1,691,839,821
11.	Matured endowments (excluding guaranteed annual pure endowments)	17,554,353	13,563,773	22,098,524
12.	Annuity benefits		1,289,324,966	1,716,610,953
13.	Disability benefits and benefits under accident and health contracts		273,430,773	364, 195, 418
14. 15.	Coupons, guaranteed annual pure endowments and similar benefits		10 246 400 136	1/ 003 /0/ 001
16.	Group conversions		10,240,400,100	14,000,404,031
17.	Interest and adjustments on contract or deposit-type contract funds			313,262,892
18.	Payments on supplementary contracts with life contingencies	9,261,645	8,489,545	
19.	Increase in aggregate reserves for life and accident and health contracts	4,047,783,983	6,222,682,104	9,611,871,345
20.	Totals (Lines 10 to 19)	19,852,203,855	19,537,030,499	27,734,774,994
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct	007 470 000	E00 770 0E7	005 574 465
00	business only)		593,773,357	835,574,160
22.	Commissions and expense allowances on reinsurance assumed			102,861,238 2,242,669,265
23. 24.	Insurance expenses			2,242,669,265
25.	Increase in loading on deferred and uncollected premiums	(14, 322, 761)	(13, 136, 436)	43,039,144
26.	Net transfers to or (from) Separate Accounts net of reinsurance			, ,
27.	Aggregate write-ins for deductions	(632,490,730)	(1,220,460,169)	(1,355,695,597)
28.	Totals (Lines 20 to 27)	19,613,141,032	20,046,767,599	27,615,713,231
29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus			
	Line 28)	, , ,	1,087,383,311	1,433,740,522
30.	Dividends to policyholders.	1,150,627,362	1,214,473,362	1,565,630,560
31.	Net gain from operations after dividends to policyholders and before federal income taxes (Line 29 minus Line 30)	437,675,848	(127,090,051)	(131,890,038)
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)	(169,455,781)	(182,566,700)	(326,418,900)
33.	Net gain from operations after dividends to policyholders and federal income taxes and before	(100,100,101)	(102,000,700)	(020, 110,000)
00.	realized capital gains or (losses) (Line 31 minus Line 32)	607,131,629	55,476,649	194,528,862
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital			
	gains tax of \$(130,471,204) (excluding taxes of \$(4,372,149)			
	transferred to the IMR)	(414,028,566)	62,116,930	(208,411,773)
35.	Net income (Line 33 plus Line 34)	193,103,063	117,593,579	(13,882,911)
	CAPITAL AND SURPLUS ACCOUNT			
36.	Capital and surplus, December 31, prior year	15,423,489,956	14,982,532,137	14,982,532,137
37.	Net income (Line 35)	193,103,063	117,593,579	(13,882,911)
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$			
39. 40.	Change in net unrealized foreign exchange capital gain (loss)	24 403 046	128 361 028	(440,576,516) 247 381 944
41.	Change in riner deferred income tax  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	(87,508,962)	(493,009,808)	(360,870,009)
45.	Change in treasury stock			
46.	Surplus (contributed to) withdrawn from Separate Accounts during period	10,136,548	137,378	137,379
47.	Other changes in surplus in Separate Accounts Statement	(10,136,531)	117,635	22,620
48.	Change in surplus notes	35,588,671	293,417	293,417
49.	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.	Surplus adjustment:			
	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	/0.745.000	26 000 000	000 615 700
	Aggregate write-ins for gains and losses in surplus		36,989,000	230,615,792
	Net change in capital and surplus for the year (Lines 37 through 53)	728,925,875 16,152,415,831	1,574,832,590 16,557,364,727	440,957,819 15,423,489,956
55.	Capital and surplus, as of statement date (Lines 36 + 54)  DETAILS OF WRITE-INS	10, 132,413,831	10,007,304,727	13,423,489,936
08 301	Management and administrative fees	544 772 706	145 070 484	212, 191,043
	Change in corporate owned life insurance			58,457,767
	Revenue sharing			
	Summary of remaining write-ins for Line 8.3 from overflow page			
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	773,216,921	347,401,625	446,735,033
2701.	Change in reserves due to reinsurance agreement	(645,448,313)	(1,215,031,836)	(1,509,796,199)
	Market value adjustment transfer			
	Reinsurance ceded adjustment			
	Summary of remaining write-ins for Line 27 from overflow page		22,906,828	29,223,642
	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	(632,490,730)	(1,220,460,169)	(1,355,695,597)
	Reinsurance ceded adjustment Other changes in surplus			
	Other changes in surplus			
	Summary of remaining write-ins for Line 53 from overflow page			
	Totals (Lines 5301 through 5303 plus 5398)(Line 53 above)	(2,745,922)	36,989,000	230,615,792
		\-,· ·•,•==/	22,300,000	,,

# **CASH FLOW**

		Current Year To Date	Prior Year To Date	Prior Year Ended December 31
	Cash from Operations			
1.			14,980,693,592	20,433,595,404
2.	Net investment income	5,077,040,668	4,823,980,484	6,393,738,365
3.	Miscellaneous income	726,818,712	626,508,188	1,251,485,821
4.	Total (Lines 1 to 3)	20,689,658,083	20,431,182,264	28,078,819,590
5.	Benefit and loss related payments	15,498,561,849	13,205,719,709	17,832,334,133
6.	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(3,014,436,505)	(621,295,945)	(2,282,031,154
7.	Commissions, expenses paid and aggregate write-ins for deductions	1,972,569,704	1,207,647,819	1,844,829,215
8.	Dividends paid to policyholders	1,095,763,258	1, 156, 927, 933	1,697,939,764
9.	Federal and foreign income taxes paid (recovered) net of \$(106,785,812) tax on capital			
	gains (losses)	51,076,659	(276,882,092)	(352,810,012
10.	Total (Lines 5 through 9)	15,603,534,965	14,672,117,424	18,740,261,946
11.	Net cash from operations (Line 4 minus Line 10)	5,086,123,118	5,759,064,840	9,338,557,644
10	Cash from Investments			
12.	Proceeds from investments sold, matured or repaid:	15 000 010 000	10 007 070 001	14 050 700 71
		15,003,013,999		
	12.2 Stocks		453,354,707	
	12.3 Mortgage loans		2,803,065,126	
			27,733,156	
	12.5 Other invested assets		644,475,753	
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments		(29,380,267)	
	12.7 Miscellaneous proceeds	(381,496,997)	301,877,599	460,436,688
	12.8 Total investment proceeds (Lines 12.1 to 12.7)	18,942,986,135	14,228,502,895	20,547,255,327
13.	Cost of investments acquired (long-term only):			
	13.1 Bonds	19,440,562,161	16,327,679,928	21,393,094,405
	13.2 Stocks	882,562,498	1,169,845,458	1,877,459,42
	13.3 Mortgage loans	3,263,176,215	2,357,702,541	3,504,567,522
	13.4 Real estate	189,499,207	150,088,570	200,908,436
	13.5 Other invested assets	980,600,962	1,108,326,206	1,568,129,204
	13.6 Miscellaneous applications	387,350,488	(23,367,752)	511,793,079
	13.7 Total investments acquired (Lines 13.1 to 13.6)	25,143,751,531	21,090,274,951	29,055,952,07
14.	Net increase (or decrease) in contract loans and premium notes	680,364,965	482,538,129	647,665,084
15.	Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(6,881,130,361)	(7,344,310,185)	(9, 156, 361, 828
16.	Cash from Financing and Miscellaneous Sources  Cash provided (applied):			
	16.1 Surplus notes, capital notes	35 588 672	203 417	203 417
	16.2 Capital and paid in surplus, less treasury stock			
	16.3 Borrowed funds			
				755,330,761
	16.4 Net deposits on deposit-type contracts and other insurance liabilities			
	16.5 Dividends to stockholders			(222 612 000
47	16.6 Other cash provided (applied)	(828,548,136)	1,523,517,347	(233,612,080
17.	Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	564,987,412	1,754,013,778	495,095,354
	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)	(1,230,019,831)	168,768,433	677,291,170
19.	Cash, cash equivalents and short-term investments:		, ,	, ,
	19.1 Beginning of year	3,725,936,280	3,048,645,110	3,048,645,110
	19.2 End of period (Line 18 plus Line 19.1)	2,495,916,449	3,217,413,543	3,725,936,280
		_,,, 110	-,,,	2,.20,000,200
	upplemental disclosures of cash flow information for non-cash transactions: D1. Other invested assets contributed to subsidiary	662 207 107	602 102 726	600 100 70
	D1. Other invested assets contributed to subsidiary	663,297,197 404,169,269	682,102,736 329,828,602	682,102,73 419,261,51
0.000	03. Bonds received as consideration for a group annuity contract	270,503,724	734 , 129 , 647	905,045,06
	D4. Transfer of real estate to other invested assets	i i	67,687,802	58,874,19
20.000	D6. Transfer of affiliated common stock	102,800,714		
	07. Other invested assets to bonds		2,582,572 11,999,702	79,797,83 22,066,66
20.000	99. Net investment income payment in-kind bonds	20,706,839	2,946,964	3,999,57
20.001	10. Dividend reinvestment	6,996,843	28,838,448	28,860,65

Note: Supplemental disclosures of cash flow information for non-cash transactions:		
20.0011. Other invested assets to stock		
20.0012. Premium recognized for a group annuity contract	 734, 129, 647	905,045,062
20.0013. Transfer of mortgage loan to other than invested assets	 98,392,208	98,392,208
20.0014. Bank loan rollovers	 4,591,260	4,591,260
20.0015. Interest capitalization for long-term debt	 1,644,296	1,844,174
20.0016. Acquisition of affiliated common stock for bonds and mortgage loans	 	3,286,679,337
20.0017. Bonds converted from long-term to short-term	 	88,838,415

## **EXHIBIT 1**

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	DIRECT PREMIUMS AND DEPOSIT-TYPE	JUNINACIS	2	3
		Current Year	∠ Prior Year	Prior Year Ended
		To Date	To Date	December 31
		10 2010	10 Bato	Doddingor or
4	Industrial life			
1.	Industrial life			
2.	Ordinary life insurance	4,721,215,150	4,318,547,194	6,406,227,881
3.	Ordinary individual annuities	1,491,515,067	1,734,267,918	2,428,270,878
4.	Credit life (group and individual)			
	order in (group and narrosa)			
5.	Group life insurance	1 013 506 146	1 176 107 350	1 //25 2//5 //23
Э.	Group life insurance	1,010,300,140	1, 170, 137,000	1,400,240,420
6.	Group annuities		/,358,651,286	10,266,489,470
7.	A & H - group	161,577	118,524	160,081
8.	A & H - credit (group and individual)			
9.	A & H - other	5/13 /160 80/	527 7/1 032	700 404 030
9.	A & 11 - Outlet			
10.	Aggregate of all other lines of business			
11.	Subtotal	14,635,867,300	15,115,523,304	21,295,888,663
12.	Deposit-type contracts	4,369,962,475	2.326.273.205	3.890.495.490
	-1	, , , ,	, , , ,	, . ,, .
13.	Total	19,005,829,775	17,441,796,509	25, 186, 384, 153
13.	Total	19,003,029,773	17,441,730,303	25, 100, 304, 130
	DETAILS OF WRITE-INS			
1001.				
1002.				
1003.				
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

a. 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 #	2017	2016
NET INCOME					
(1) State basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ 193,103,063	\$ (13,882,911)
(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	<u>-</u>	
(4) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ 193,103,063	\$ (13,882,911)
SURPLUS					
(5) State basis (Page 3, Line 38, Columns 1 & 2)	XXX	XXX	XXX	\$ 16,152,415,831	\$ 15,423,489,956
(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	<u>-</u>	
(8) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$ 16,152,415,831	\$ 15,423,489,956

- 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.

(7-11) No change

(12) In March 2017, the Company recorded an impairment on previously capitalized software costs of \$220,750,323. This impairment was recorded as general insurance expenses in the Statutory Statements of Operations. This impairment did not impact surplus, as the asset was previously nonadmitted.

Increase (Decrease) to:

Correction

(13-14) No change

d. Going concern - No change

### Note 2 - Accounting Changes and Corrections of Errors

a. For the nine months ended September 30, 2017, corrections of prior years' errors were recorded in surplus, net of tax:

		morease (D	Corcase	<i>5)</i> to.		Concollon	
		Prior Current Years' Year		Current		of Asset	
					or Liability		
	Net Income Surplus				Balances		
Partnerships and limited liability companies	\$	-	\$	(1,477,867)	\$	(1,477,867)	
Other than invested assets		4,115,825		4,115,825		4,115,825	
Policyholders' reserves		5,230,979		5,230,979		(5,230,979)	
General expenses due or accrued		(3,835,198)		(3,835,198)		3,835,198	
Other Liabilities		246,229		246,229		246,229	
Total	\$	5,757,835	\$	4,279,968	\$	1,488,406	

Of the \$4,279,968 increase to surplus for prior years' errors, \$5,757,835 was recorded as prior period adjustments and \$1,477,867 was recorded as a change in nonadmitted assets, net of tax in the Statutory Statements of Changes in Surplus.

For the nine months ended September 30, 2016, corrections of prior years' errors were recorded in surplus, net of tax:

Correction Increase (Decrease) to: Prior Current of Asset Years Year or Liability Balances Net Income Surplus Policyholders' reserves 51,416,761 \$ 51,416,761 (51,416,761)Partnerships and limited liability companies 4,646,968 (4.646.968)Federal income tax receivable (11,955,610)(11,955,610)11,955,610 Fees and other income (2,472,150)(2,472,150)2,472,150 Total 36,989,001 41,635,969 (41,635,969)

Of the \$41,635,969 increase to surplus for prior years' errors, \$36,989,001 was recorded as prior period adjustments and \$4,646,968 was recorded as a change in net unrealized capital gains (losses), net of tax in the Statutory Statements of Changes in Surplus.

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 April 2016, the NAIC adopted modifications to SSAP No. 41, *Surplus Notes*, which were effective January 1, 2017. These modifications required that the surplus notes with a designation equivalent to NAIC 3 through 6 be reported at the lesser of amortized cost or fair value. Currently these surplus notes are reported at amortized cost. The modifications also incorporate guidance to clarify when surplus notes shall be nonadmitted, an unrealized loss should be recognized, and an other-than-temporary (OTTI) assessment should be performed. These modifications did not have an impact on the Company's financial statements.

In June 2016, the NAIC adopted modifications to SSAP No. 26, *Bonds, Excluding Loan-backed and Structured Securities*, and SSAP No. 43R, *Loan-backed and Structured Securities*, which were effective January 1, 2017 and should be prospectively applied. These modifications clarified that the amount of prepayment penalties or acceleration fees reported as investment income should equal the total proceeds received less the par value of the investment; and any difference between the carrying value and the par value at the time of disposal will be reported as realized capital gains and losses. These modifications also added specific disclosures related to securities sold, redeemed or otherwise disposed of as a result of a callable feature. These modifications did not have a significant impact on the Company's financial statements.

In June 2016, the NAIC adopted modifications to SSAP No. 103R, *Transfers and Servicing of Financial Assets and Extinguishment of Liabilities*, which were effective January 1, 2017. These modifications required that obligations to deliver securities resulting from short sales be accounted for as contra-assets, and measured at fair value with changes in fair value recognized as unrealized gains and losses. The modifications also required new disclosures about short sale transactions. The unrealized gains and losses are realized upon settlement of the short sale obligation. Interest on short sale positions is accrued periodically and reported as interest expense. These modifications did not have an impact on the Company's financial statements.

In June 2016, the NAIC adopted substantive revisions to SSAP No. 51R, *Life Contracts*, to incorporate references to the Valuation Manual (VM) and to facilitate the implementation of 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. 51 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 Company is currently assessing the impact of these modifications on the Company's financial statements.

In August 2016, the NAIC adopted modifications to SSAP No. 51R, *Life Contracts*, which were effective January 1, 2017. These modifications clarified that annual assumption changes from reserving methods used in principles-based reserving (PBR) would not qualify as a change in valuation basis. Changes in valuation basis are recorded directly to surplus instead of through income. These modifications were made to accommodate PBR which became effective January 1, 2017. These modifications did not have an impact on the Company's financial statements.

In December 2016, the NAIC adopted modifications to SSAP No. 35R, *Guaranty Fund and Other Assessments*, which became effective March 31, 2017. The modification allows insurers to consider expected renewals of short-term health contracts in determining the assets recognized from accrued guaranty fund liability assessments from insolvencies of entities that write long-term care. Also, in August 2017, the NAIC made an additional modification to SSAP No. 35R to require discounting guaranty fund assessments and the related recoverable tax credit in excess of one year to payment or recovery at the whole life discount rate in effect as of the reporting date. The Company is adopting the modifications, which are not expected to have a significant impact on its financial statements.

In June 2017, the NAIC adopted modifications to SSAP No. 30, Investment in Common Stock, SSAP No. 48, Joint Ventures, Partnerships and Limited Liability Method of Accounting, and SSAP No. 97, Investments in Subsidiary Controlled and Affiliated Entities as they relate to ASU 2016-07, Simplifying the Transition to the Equity Method of Accounting which were effective January 1, 2017. These modifications included the definition of control and provided guidance as to when an investment qualified (or no longer qualifies) for the equity method of accounting. These modifications further specified that when the level of investment in a subsidiary, controlled or affiliated (SCA) entity fell below the level of control, defined as the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of the investee in SSAP No. 97, the reporting entity should discontinue the use of the equity method of accounting. When an entity becomes qualified to use the equity method of accounting, the entity should add the cost of acquiring the additional interest in the investee to the current basis of the previously held interest and apply the equity method of accounting, prospectively. The Company has adopted these modifications.

In June 2017, the NAIC adopted modifications to SSAP No. 37, *Mortgage Loans*, which became effective June 8, 2017. These modifications clarify that a reporting entity providing a mortgage loan as a "participant in a mortgage loan agreement", should consider the mortgage loan in the scope of SSAP No. 37. Specifically, in addition to mortgage loans directly originated, a mortgage loan also includes mortgages acquired through assignment, syndication or participation. These modifications also clarify the impairment assessment and incorporate new disclosures for these types of mortgage loans to identify mortgage loans in which the insurer is a participant or co-lender. These modifications did not have a financial impact on the Company. The Company is adding the additional disclosures to the Company's financial statements for the year ended December 31, 2017.

Note 3 - Business Combinations and Goodwill - No change

#### Note 4 - Discontinued Operations - No change

#### Note 5 - Investments

- a. Mortgage loans, including mezzanine real estate loans No change
- b. Debt restructuring No change
- c. Reverse mortgages No change
- d. Loan-backed and structured 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 OTTI classified on the following bases for recognizing OTTI:

			(1)			(2) OTT			(3)
			Amortized		Re	cogn			
			Cost Basis			n Lo			
			Before		(2a)	(2	2b)		Fair Value
			OTTI	In	terest	N	on-interest		1-(2a+2b)
	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		42,292,770				429,458		41 062 212
•	Total first quarter	<u> </u>	42,292,770	•	<u>-</u>	•	429,458	\$	41,863,312 41,863,312
C.	rotal first quarter	\$	42,292,770	\$		\$	429,436	Ф	41,003,312
ОТТ	I recognized in the second quarter								
d.	Intent to sell	\$	_	\$	_	\$	_	\$	_
e.	Inability or lack of intent to retain the investment	,		·				•	
	in the security for a period of time sufficient to								
	recover the amortized cost basis		40,538,551		_		729,596		39,808,955
f.	Total second quarter	\$	40,538,551	\$		\$	729,596	\$	39,808,955
	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		4 400 540				0.550.000		070.040
	recover the amortized cost basis	<u></u>	4,436,542	<u></u>		ф.	3,559,600	\$	876,942
i.	Total third quarter	\$	4,436,542	\$	<u>-</u>	\$	3,559,600	<u>Ф</u>	876,942
ОТТ	Trecognized 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		_		_		-		
l.	Total fourth quarter	\$	_	\$	_	\$	_	\$	
m.	Annual aggregate total			\$	_	\$	4,718,654		

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

<sup>(3)</sup> 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.

	Amortized Cost			Τ			Date of Financial
CUSIP	before OTTI	Projected Cash Flow	Recognized OTTI		Amortized Cost after OTTI	Fair Value at Time of OTTI	Instrument Where Reported
17307GH76	\$ 274,893.76	\$ 44,730.49	\$ (230,163.27)	\$	44,730.49	\$ 152,776.75	March 31, 2017
22541QJR4	11,175.33	53.52	(11,121.81)		53.52	6,865.92	March 31, 2017
32051DCK6	182,177.17	160,728.11	(21,449.06)		160,728.11	179,180.14	March 31, 2017
45660LYW3	504,390.54	471,422.84	(32,967.70)		471,422.84	457,164.86	March 31, 2017
55274SAM3	225,789.88	209,839.17	(15,950.71)		209,839.17	218,832.17	March 31, 2017
86358RA23	1,326,199.14	1,253,635.93	(72,563.21)		1,253,635.93	1,289,098.83	March 31, 2017
86359ACG6	6,287.32	48.80	(6,238.52)		48.80	2.41	March 31, 2017
77277LAF4	22,537,014.10	22,514,590.18	(22,423.92)		22,514,590.18	31,699,906.98	March 31, 2017
77277LAH0	1,136,181.78	1,135,087.94	(1,093.84)		1,135,087.94	2,662,526.10	March 31, 2017
77277LAJ6	16,088,661.07	16,073,174.85	(15,486.22)		16,073,174.85	19,947,746.34	March 31, 2017
76110H4M8	4,413.15	2,326.35	(2,086.80)		2,326.35	4,073.27	June 30, 2017
86358RLG0	3,484.71	2,669.64	(815.07)		2,669.64	30,170.77	June 30, 2017
86359ACG6	16,323.86	2.02	(16,321.84)		2.02	2.49	June 30, 2017
88157QAL2	774,182.08	675,598.95	(98,583.13)		675,598.95	1,947,675.43	June 30, 2017
89789KAC9	17,294.14	8,919.66	(8,374.48)		8,919.66	356,046.75	June 30, 2017
77277LAF4	22,514,590.18	22,167,493.44	(347,096.74)		22,167,493.44	34,318,674.16	June 30, 2017
77277LAH0	1,135,087.94	1,118,158.56	(16,929.38)		1,118,158.56	2,738,435.22	June 30, 2017
77277LAJ6	16,073,174.85	15,833,786.94	(239,387.91)		15,833,786.94	21,595,653.49	June 30, 2017
22541NMA4	42,273.18	41,434.09	(839.09)		41,434.09	41,095.03	September 30, 2017
22541NMB2	11,868.56	11,634.10	(234.46)		11,634.10	11,534.82	September 30, 2017
22541SSD1	12,232.04	19.50	(12,212.54)		19.50	5,978.48	September 30, 2017
52108MDP5	3,497,947.00	-	(3,497,947.00)		-	1,925,412.53	September 30, 2017
55274SAM3	167,196.18	153,990.63	(13,205.55)		153,990.63	179,428.50	September 30, 2017
76110W4J2	1,131.15	229.03	(902.12)		229.03	555.83	September 30, 2017
88157QAL2	686,944.68	660,920.66	(26,024.02)		660,920.66	2,125,942.76	September 30, 2017
89789KAC9	16,949.10	8,714.37	(8,234.73)		8,714.37	357,735.19	September 30, 2017
Totals	\$ 87,267,862.89	\$ 82,549,209.77	\$ (4,718,653.12)	\$	82,549,209.77	\$ 122,252,515.22	

- (4) As of September 30, 2017, 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
 \$ (68,442,795)

 2. 12 months or longer
 \$ (3,879,807)

b. The aggregate related fair value of securities with unrealized losses:

 1. Less than 12 months
 \$ 3,567,772,246

 2. 12 months or longer
 \$ 151,300,017

- (5) No change
- e. Repurchase agreements:
  - (1-2) No change
  - (3) The Company does not have any securities lending transactions administered by an affiliated agent.
  - (4-6) No change
- f. Real estate No change
- g. Low income housing tax credit properties No change
- h. Restricted assets No change
- i. Working capital finance investments: The Company did not invest in working capital finance investments.
- j. 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.
- k. 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" (SSAP No. 26). Structured notes are different than the asset backed structured securities, which are accounted for under SSAP No. 43R, "Revised - Loan-Backed and Structured Securities" (SSAP No. 43R), 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 September 30, 2017:

CUSIP Identification	Actual Cost	Fair Value	Book / Adjusted Carrying Value	Mortgage- Referenced Security (YES/NO)
30711XBE3	\$ 70,732	\$ 70,752	\$ 70,732	YES
3137G0EQ8	1,408,498	1,410,305	1,408,498	YES
3137G0HQ5	2,180,719	2,186,999	2,180,719	YES
391164AF7	8,467,560	8,388,699	8,268,451	NO
5262720	1,262,834	1,274,084	1,270,295	NO
912810FR4	4,944,283	6,260,687	4,864,999	NO
912810PS1	1,874,118	2,696,123	1,886,352	NO
912810RF7	67,974,258	81,116,638	68,171,924	NO
BYZK109	9,327,385	10,374,000	9,344,412	NO
			•	
Total	\$ 97,510,387	\$ 113,778,286	\$ 97,466,382	XXX

#### 5\* Securities

	Investment	Number of 5*	Securities	Aggregate	BACV	Aggregate Fair Value		
		Current Year	Prior Year	Current Year	Prior Year	Current Year	Prior Year	
(1) E	Bonds - AC	30	33	\$217,005,475	\$295,630,424	\$218,573,182	\$298,894,001	
(2) E	Bonds - FV	-	-	-	-	-	-	
(3) L	LB&SS - AC	-	-	-	-	-	-	
(4) L	LB&SS - FV	-	-	-	-	-	-	
(5) F	Preferred Stock - AC	2	2	12,642,000	12,642,000	14,744,904	13,678,407	
(6) F	Preferred Stock - FV	-	-	-	-	-	-	
(7) 1	Total (1+2+3+4+5+6)	32	35	\$229,647,475	\$308,272,424	\$233,318,086	\$312,572,408	

AC - Amortized Cost FV - Fair Value

#### 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. The Company recorded dividends in net investment income, from MassMutual Holding LLC (MMHLLC) of \$424,470,500 through the nine months ended September 30, 2017 and \$338,076,491 through the nine months ended September 30, 2016.

On July 1, 2016, the Company's purchase of MSI Financial Services (MSIFS) was accounted for under the statutory purchase method, classified as investments in common stocks - subsidiaries and affiliates at a cost of \$126,045,875 which included the recognition of statutory goodwill of \$38,245,161. In March 2017, the Company contributed MSIFS to MMHLLC at carrying value of \$114,824,704, which excluded the remaining unamortized statutory goodwill of \$35,376,774. The remaining unamortized statutory goodwill was transferred from the Company's carrying value of MSIFS to its carrying value of MMHLLC. MSIFS was subsequently merged with MMHLLC's other broker dealer, MML Investor Services LLP.

In June 2017, the Company contributed certain intellectual property, with no carrying value, in an affiliated transaction with Insurance Road LLC (IRLLC), a wholly-owned subsidiary of the Company and therefore no gain or loss was recognized on the transaction. In June 2017, the Company became party to an agreement with MassMutual Intellectual Property LLC (MMIP) effective June 30, 2017 that gave the Company the right to use certain intellectual property in the operation of its business.

In July 2017, the company contributed its ownership in certain partnerships and LLCs with a carrying value of \$663,297,197 to IRLLC in an affiliated transaction and therefore no gain or loss was recognized on the transaction.

In July 2017, IRLLC paid a return of capital to MassMutual of \$700,000,000.

In August 2017, MassMutual International LLC (MMI), a wholly owned subsidiary of the Company, entered into an agreement to sell MassMutual Asia Ltd. (MM Asia), a wholly owned Hong Kong based life insurance and wealth management subsidiary. The sale is expected to close in 2018, subject to regulatory approval and customary closing conditions. Under the terms of the agreement, MMI will receive consideration of approximately \$1,700,000,000 in cash and stock. The stock is from an entity that is expected to own 60 percent of MM Asia. In the third quarter 2017, MMI classified MM Asia as held for sale. Accordingly, the expected gain on disposal will be realized when the sale is finalized.

The Company contributed additional capital of \$20,495,920 to MMHLLC through the nine months ended September 30, 2017 and \$845,418,422 through the nine months ended September 30, 2016. In July 2017, the Company contributed additional capital of \$20,000,000 to MMI. The 2016 capital contributions included the transfer of nine investments with the book value of \$670,164,387 from the Company to MMHLLC. The contribution of the nine investments was recorded at book value, and accordingly, there was no gain or loss recognized.

#### d-f. No change

g. Subsidiaries of MMHLLC 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 should 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 \$895,043,310 as of September 30, 2017.
- (2) FHLB Boston capital stock
  - a. Aggregate totals:

			Septe	mber 30, 2017	
			1	2	3
			Total	General	Separate
			2+3	Account	Account
1.	Current Year:				
	(a) Membership stock - Class A	\$	- \$	-	\$ -
	(b) Membership stock - Class B		25,000,000	25,000,000	-
	(c) Activity Stock		50,900,000	50,900,000	-
	(d) Excess Stock		-	=	
	(e) Aggregate Total	\$	75,900,000	\$ 75,900,000	\$ -
	(f) Actual or Estimated Borrowing Capacity	, —			
	as Determined by the Insurer	\$	2,000,000,000	\$ 2,000,000,000	\$ -
2.	Prior Year-end:				
	(a) Membership stock - Class A	\$	- \$	-	\$ -
	(b) Membership stock - Class B		25,000,000	25,000,000	-
	(c) Activity Stock		49,500,000	49,500,000	-
	(d) Excess Stock		-	=	
	(e) Aggregate Total	\$	74,500,000	74,500,000	\$ -
	(f) Actual or Estimated Borrowing Capacity				
	as determined by the Insurer	\$	2,000,000,000	\$ 2,000,000,000	\$ -

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

			Nine Mo	onths Ended S	Septem	ber 30	), 2017					
		1		2	Eligible for Redemption							
						3		4		5		6
		Current	Not	Eligible	Le	SS	6 Mo	nths	1 to 1	Less		
Membership Year		for		Tha	ın 6	to Less		Than		3 to	5 5	
	Stock	Total	Red	lemption	Mor	nths	Than 1 Year		3 Years		Years	
1.	Class A	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-
2.	Class B	25,000,000	25	000,000		_		-		-		-

### (3) Collateral pledged to FHLB:

a. Amount pledged as of September 30, 2017:

1. Current year total general and separate accounts:

	Fair	Carrying	Α	ggregate Total
	Value	Value		Borrowing
\$	1,622,347,550	\$ 1,226,785,949	\$	1,104,956,690

2. Current year general account:

Total collateral pledged

 Fair
 Carrying
 Aggregate Total

 Value
 Value
 Borrowing

 \$ 1,622,347,550
 \$ 1,226,785,949
 \$ 1,104,956,690

Total collateral pledged

3. Current year separate accounts:

Total collateral pledged

Fair	Carrying		Aggregate Total
Value	Value		Borrowing
\$ -	\$	-	\$ -

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

 Fair
 Carrying
 Aggregate Total

 Value
 Value
 Borrowing

 Total collateral pledged
 \$ 1,224,828,748
 \$ 1,126,084,091
 \$ 1,103,883,829

b. Maximum amount pledged for the nine months ended September 30, 2017:

1. Current year total general and separate accounts:

			Α	mount Borrowed
	Fair	Carrying	at <sup>*</sup>	Time of Maximum
	Value	Value		Collateral
\$	1,652,234,854	\$ 1,239,654,463	\$	1,107,520,273

Current year general account:

Maximum collateral pledged

	1		1	
				Amount Borrowed
Fair		Carrying		at Time of Maximum
Value		Value		Collateral
\$ 1,652,234,854	\$	1,239,654,463		\$ 1,107,520,273

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:

			Α	Amount Borrowed	
	Fair	Carrying	at	Time of Maximum	
	Value	Value		Collateral	
Maximum collateral pledged	\$ 1.234.077.139	\$ 1.126.695.711	\$	1.107.803.111	

### (4) Borrowing from FHLB:

#### a. Amount:

1. Current year:

(d) Aggregate total

		September 30, 2017								
	1		2	3		4				
	Total		General	Separate	Fun	iding Agreements				
	2+3		Account	Account	Res	erves Established				
(a) Debt	\$ -	\$	-	\$ -	\$	-				
(b) Funding agreements	1,104,956,690		1,104,956,690	-		1,104,956,690				
(c) Other			=	-		=				
(d) Aggregate total	\$ 1.104.956.690	\$	1.104.956.690	\$ -	\$	1.104.956.690				

#### Prior Year-end:

	December 31, 2016									
	1	2	3	4						
	Total	General	Separate	Funding Agreements						
	2+3	Account	Account	Reserves Established						
(a) Debt	\$ -	\$ -	\$ -	\$ -						
(b) Funding agreements	1,103,883,829	1,103,883,829	-	1,103,883,829						
(c) Other		=	-	-						
(d) Aggregate total	\$ 1,103,883,829	\$ 1,103,883,829	\$ -	\$ 1,103,883,829						

#### b. Maximum Amount:

		Nine Months Ended September 30, 2017							
			1		2	3			
			Total		General	Separ	ate		
			2+3		Account	Acco	unt		
1.	Debt	\$	-	\$	-	\$	-		
2.	Funding		1,107,520,273		1,107,520,273		-		
3.	Other		-		-		-		
4.	Aggregate	\$	1,107,520,273	\$	1,107,520,273	\$	-		
					-				

### 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 of unconsolidated subsidiaries, agents, general agents and retirees who meet plan eligibility requirements.

#### (2-3) No change

	Nine Months Ended September 30,											
	2017		2016		2017	2016		2017 201	16			
	Pensi	ior	า		Postretire	ment		Special or Contractual Benefits				
	 Bene	fits	3		Benefit	ts		per SSAP No 11				
(4) Components of net periodic benefit												
cost												
a. Service cost	\$ 75,295,640	5	75,187,097	\$	9,032,930 \$	8,580,000	\$	- \$	-			
b. Interest cost	83,830,421		84,815,087		9,387,629	9,168,750		=	-			
c. Expected return on plan assets	(110,042,857)		(108,669,383)		(64,952)	(76,500)		-	-			
d. Transition asset or obligation	-		-		-	-		-	-			
e. Gains and losses	49,349,603		52,743,703		1,154,320	2,240,250		-	-			
f. Prior service cost or (credit)	2,342,013		2,342,013		(4,139,625)	(2,364,750)		-	-			
settlement or curtailment	-		-		-	-		-	-			
h. Total net periodic benefit cost	\$ 100,774,821	5	106,418,517	\$	15,370,301 \$	17,547,750	\$	- \$	-			

(5-21) No change

b-j No change

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

(1-10) No change

(11) The Company executed a tender offer in March 2017 for \$440,000,000 par value of surplus notes maturing in 2039. The Company paid \$711,000,000 of cash to settle the tender offer which resulted in a pre-tax loss of \$271,000,000. This loss is included in net realized gains (losses) within the Statutory Statements of Operations and is net of a tax benefit of \$95,000,000.

	Par Value		In	nterest and/or	Unapproved		
	(Face	Carrying		Principal	Interest	Total Interest	
Interest	Amount of	Value of	Α	pproved and	and/or	and/or	Date of
Issue Date Rate	Notes)	Note*	Pai	d Current Year	Principal	Principal Paid	Maturity
11/15/1993 7.625%	\$ 250,000,000	\$ 250,000,000	\$	9,531,250	\$ 7,148,438	\$ 447,968,750	11/15/2023
03/01/1994 7.500%	100,000,000	100,000,000		7,500,000	625,000	176,250,000	03/01/2024
05/12/2003 5.625%	250,000,000	249,386,666		7,031,250	5,273,437	196,992,188	05/15/2033
06/01/2009 8.875%	310,000,000	307,082,268		26,013,611	9,170,833	525,232,361	06/01/2039
01/17/2012 5.375%	400,000,000	398,912,200		10,750,000	7,166,667	115,502,778	12/01/2041
04/15/2015 4.500%	500,000,000	491,373,999		11,250,000	-	45,000,000	04/15/2065
03/20/2017 4.500%	475,000,000	470,764,136			-	<u> </u>	04/01/2077
Total	\$ 2,285,000,000	\$ 2,267,519,269	\$	72,076,111	\$ 29,384,375	\$ 1,506,946,076	

These notes are unsecured and subordinate to all present and future indebtedness of the Company, all policy claims and all prior claims against the Company as provided by the Massachusetts General Laws. The surplus notes are all held by bank custodians for unaffiliated investors. All issuances were approved by the Division.

All payments of interest and principal are subject to the prior approval of the Division. Anticipated sinking fund payments are due for the notes issued in 1993 and 1994 as follows: \$62,500,000 in 2021, \$87,500,000 in 2022, \$150,000,000 in 2023 and \$50,000,000 in 2024. There are no sinking fund requirements for the notes issued in 2003, 2009, 2012 or 2015. Scheduled interest on the notes issued in 1993 and 2003 is payable on May 15 and November 15 of each year to holders of record on the preceding May 1 or November 1, respectively. Scheduled interest on the note issued in 1994 is payable on March 1 and September 1 of each year to holders of record on the preceding February 15 or August 15, respectively. Scheduled interest on the notes issued in 2009 and 2012 is payable on June 1 and December 1 of each year to holders of record on the preceding May 15 and November 15, respectively. Scheduled interest on the note issued in 2015 is payable on April 15 and October 15 of each year to holders of record on the preceding April 1 and October 1, respectively. Interest expense is not recorded until approval for payment is received from the Division. As of September 30, 2017, the unapproved interest was \$29,384375 and the approved but unpaid interest was \$23,404,722. Through September 30, 2017, the Company paid cumulative interest of \$1,506,946,076 on surplus notes. Interest of \$72,076,111 was approved and paid during the nine months ended September 30, 2017. Interest of \$151,187,500 was approved and paid during the year ended December 31, 2016.

#### Note 14 - Liabilities, Contingencies and Assessments

- a. Contingent commitments No change
- b. Assessments No change
- c. Gain contingencies No change
- d. Claims related to extra contractual obligations No change
- e. All other contingencies:

The Company is involved in litigation arising in the normal course of business, which seeks compensatory damages, punitive damages and equitable remedies. Although the Company is not aware of any actions or allegations that reasonably should 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 results of operations for a particular period depending upon, among other factors, the size of the loss and the level of the Company's results of operations for the period.

In 2009, several lawsuits were filed as putative class actions and later consolidated before the federal district court in Colorado in connection with the investment performance of Oppenheimer Rochester California Municipal Fund (the California Fund Suit). This fund was advised by OppenheimerFunds, Inc. (OFI) and distributed by its subsidiary OppenheimerFunds Distributor, Inc. (OFDI). The plaintiffs in the California Fund Suit asserted claims against the Company, OFI, OFDI and certain present and former trustees and officers of the fund under federal securities laws and alleged, among other things, the disclosure documents of the fund contained misrepresentations and omissions, that the investment policies of the fund were not followed, and that the fund and the other defendants violated federal securities laws and regulations and certain state laws. In 2015, the district court granted the plaintiffs' motion to certify a class and to appoint class representatives and class counsel. In 2016, OFI recorded a liability of \$33 million as an estimate of the probable amount of the costs it would incur in connection with the proposed settlement. At that time, OFI also concluded that a portion of the costs it would incur would be covered by the proceeds of insurance policies and recorded an insurance recovery of \$14 million. In April 2017, the parties executed a memorandum of understanding setting forth the terms of a proposed \$51 million settlement. The proposed settlement is subject to approval by the court. As of September 30, 2017, OFI has recorded an expense of \$51 million for this settlement and an insurance recovery receivable of \$14 million. The final settlement hearing is expected to occur in November 2017.

In 2009, the Company was named as a defendant in a lawsuit filed in North Carolina state court related to certain losses in a bank-owned life insurance (BOLI) policy issued by the Company. The plaintiff alleges, among other things, fraud, breach of contract and breach of fiduciary duty claims against the Company, and it seeks to recover losses arising from investments pursuant to the BOLI policy. In 2015, the plaintiff voluntarily dismissed its complaint and refiled the case. The Company believes it has substantial defenses and will continue to vigorously defend itself in this action. No reasonable estimate can be made at this time regarding the potential liability, if any, or the amount or range of any loss that may result from this suit.

In 2010, Christina Chavez (Chavez) filed a putative class action complaint in California state court against the Company. Chavez alleges that the Company breached its obligations to its term life policyholders in California by not paying dividends on those policies. In 2014, the parties participated in a mediation of their dispute, which did not result in a settlement. In 2015, the judge certified a subclass consisting of one of twenty-six potential term products at issue in this case. All remaining subclasses were dismissed without prejudice. Fact discovery is complete and a trial has been set for October 2017. The Company believes it has substantial defenses and will continue to vigorously defend itself in this action. No reasonable estimate can be made at this time regarding the potential liability, if any, or the amount or range of any loss that may result from this claim.

In 2012, Karen Bacchi filed a putative class action complaint against the Company in federal court in Massachusetts alleging that the Company breached its contracts by allegedly failing to distribute surplus in excess of the statutorily prescribed limit. In January 2017, the parties reached a resolution to settle the lawsuit for \$37,500,000 million, which was recorded in December 2016 as a combination of policyholders' benefits, dividends to policyholders and general insurance expenses that include legal fees and other costs. The parties are in the process of seeking the court's approval of the settlement, which is expected to occur in 2017.

In 2013, seven participants in the MassMutual Thrift Plan (the Thrift Plan) filed a putative class action complaint in federal court in Massachusetts. The complaint alleged, among other things, that the Company, the Investment Fiduciary Committee, the Thrift Plan Administrative Committee and individually named "fiduciaries" breached their duties by allowing the Thrift Plan to pay excessive fees and by engaging in self-dealing. In June 2016, the parties reached an agreement to settle the matter. In November 2016, the court entered a final order and judgment approving the settlement, and payments have been made. The final settlement did not have a significant financial impact on the Company.

In January 2016, Deborah Bishop-Bristol filed a putative class action complaint against the Company in federal court in Connecticut. The lawsuit alleges that the Company breached its fiduciary duty by controlling the crediting rate, and therefore the compensation earned on the stable value products. Further, the complaint alleges that the Company failed to adequately disclose the pricing spread and accepted excessive fees for investment, management and administrative services. In April 2016, the court granted the Company's motion to transfer the case to federal court in Massachusetts. The court recently dismissed all of the plaintiff's claims and the plaintiff has filed an amended complaint. The Company believes that it has substantial defenses and will vigorously defend itself in this action. No reasonable estimate can be made regarding the potential liability, if any, or the amount or range of any loss that may result from this claim.

In 2017, Jason Berube filed a putative class action complaint against the Company in Massachusetts state court alleging that that he and other similarly situated individuals were improperly classified as independent contractors and that they were inside sales employees who should have been paid minimum wage, overtime and should not have had expenses offset commissions. The Company believes that it has substantial defenses and will vigorously defend itself in this action. No reasonable estimate can be made regarding the potential liability, if any, or the amount or range of any loss that may result from this claim.

#### f. Regulatory matters:

The Company is subject to governmental and administrative proceedings and regulatory inquiries, examinations and investigations in the ordinary course of its business. In connection with regulatory inquiries, examinations and investigations, the Company has been contacted by various regulatory agencies including, among others, the Securities and Exchange Commission, the U.S. Department of Labor and various state insurance departments and state attorneys general. The Company has cooperated fully with these regulatory agencies with regard to their inquiries, examinations and investigations and has responded to information requests and comments.

Market volatility in the financial services industry over the last several years has contributed to increased scrutiny of the entire financial services industry. Therefore, the Company believes that it is reasonable to expect that proceedings, regulatory inquiries, examinations and investigations into the insurance and financial services industries will continue for the foreseeable future. Additionally, new industry-wide legislation, rules and regulations could significantly affect the insurance and financial services industries as a whole. It is the opinion of management that the ultimate resolution of these regulatory inquiries, examinations, investigations, legislative and regulatory changes of which we are aware will not materially impact the Company's financial position or liquidity. However, the outcome of a particular matter may be material to the Company's operating results for a particular period depending upon, among other factors, the financial impact of the matter and the level of the Company's results of operations for the period.

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
- b. Transfer and Servicing of Financial Assets:
  - (1) No change
  - (2) The Company did not have any servicing assets or liabilities in 2017 or 2016.
  - (3) No change
  - (4) The Company did not have interests that continue to be held by a transferor in securitized financial assets in 2017 or 2016.
  - (5-7) No change
- c. Wash sales:
  - (1) In the course of the Company's investment management activities, securities may be sold and reacquired within 30 days to enhance the Company's yield on its investment portfolio.
  - (2) The Company did not sell any securities with the NAIC Designation 3 or below through the nine months ended September 30, 2017 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:

		Level 1		Level 2		Level 3		Total
Financial assets:								
Bonds:	_		_		_		_	
States, territories and possessions	\$	-	\$	6,512,500	\$	-	\$	6,512,500
Special revenue		-		970,200		-		970,200
Industrial and miscellaneous		-		2,734,385		42,070,701		44,805,086
Parent, subsidiaries and affiliates		-		40,471,424		59,527,794		99,999,218
Preferred stocks		-		-		819,257		819,257
Common stock - subsidiaries and affiliates		513,052,793		-		74,944,213		587,997,006
Common stock - unaffiliated		943,148,175		-		301,080,496		1,244,228,671
Derivatives:								
Interest rate swaps		-		7,934,047,430		-		7,934,047,430
Options		-		711,350,662		-		711,350,662
Currency swaps		-		532,277,085		-		532,277,085
Forward contracts		-		49,020,330		-		49,020,330
Credit default swaps		-		628,522		-		628,522
Separate account assets		44,157,072,080		22,051,817,014		708,057,854		66,916,946,948
Total financial assets carried								•
at fair value	\$	45,613,273,048	\$	31,329,829,552	\$	1,186,500,315	\$	78,129,602,915
Financial liabilities:								
Derivatives:								
Interest rate swaps	\$	-	\$	5,745,596,759	\$	-	\$	5,745,596,759
Options		-		7,419,873		-		7,419,873
Currency swaps		-		333,599,274		-		333,599,274
Forward contracts		-		96,504,070		-		96,504,070
Credit default swaps		-		267,307		-		267,307
Total financial liabilities carried at fair value	\$	-	\$	6,183,387,283	\$		\$	6,183,387,283

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 September 30, 2017, \$298,342,115 of unaffiliated common stock were transferred from Level 2 to Level 1.

	December 31, 2016									
		Level 1		Level 2		Level 3		Total		
Financial assets:										
Bonds:										
States, territories and possessions	\$	-	\$	7,543,820	\$	-	\$	7,543,820		
Special revenue		-		1,229,483		-		1,229,483		
Industrial and miscellaneous		-		3,305,960		56,833,539		60,139,499		
Parent, subsidiaries and affiliates		-		57,519,736		51,963,109		109,482,845		
Preferred stocks		-		-		2,734,341		2,734,341		
Common stock - subsidiaries and affiliates		486,881,832		23,261,703		63,196,191		573,339,726		
Common stock - unaffiliated		581,611,509		349,552,279		188,576,330		1,119,740,118		
Derivatives:										
Interest rate swaps		-		8,084,068,385		-		8,084,068,385		
Options		-		653,128,451		-		653,128,451		
Currency swaps		-		936,681,635		-		936,681,635		
Forward contracts		-		51,760,755		-		51,760,755		
Credit default swaps		-		3,816,266		-		3,816,266		
Separate account assets		39,641,341,033		21,824,706,549		737,948,300		62,203,995,882		
Total financial assets carried	_									
at fair value	\$	40,709,834,374	\$	31,996,575,022	\$	1,101,251,810	\$	73,807,661,206		
Financial liabilities:										
Derivatives:										
Interest rate swaps	\$	-	\$	5,915,235,253	\$	-	\$	5,915,235,253		
Options		-		5,791,830		-		5,791,830		
Currency swaps		-		36,740,542		_		36,740,542		
Forward contracts		-		55,486,004		_		55,486,004		
Credit default swaps		-		789,072		-		789,072		
Total financial liabilities carried				-				<u> </u>		
at fair value	\$	-	\$	6,014,042,701	\$	-	\$	6,014,042,701		

For the year ended December 31, 2016, there were no significant transfers between Level 1 and Level 2.

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

	Balance			Gains	Gains					Balance
	as of	Transfe	ers <sup>(1)</sup>	(Losses) in	(Losses) in					as of
	01/01/2017	In	Out	Net Income	Surplus	Purchases	Issuances	Sales	Settlements	09/30/2017
Financial assets:										
Bonds:										
Industrial and miscellaneous	\$ 56,833,539	\$ 467,323	\$ (12,708,911)	\$ (852,825)	\$ (598,060)	\$ 14,384	\$ - \$	- \$	(1,084,749)	\$ 42,070,701
Parent, subsidiaries										
and affiliates	51,963,109	=	-	-	7,564,685	=	-	-	-	59,527,794
Preferred stock	2,734,341	=	(1,798,373)	-	(116,711)	=	-	-	-	819,257
Common stock - subsidiaries										
and affiliates	63,196,191	514,400	(956,129)	9,563	11,542,970	=	-	637,218	-	74,944,213
Common stock - unaffiliated	188,576,330	77,079,954	(7,084,163)	(6,095,743)	26,414,819	29,318,957	-	(5,500,000)	(1,629,658)	301,080,496
Separate account assets	737,948,300	-	-	45,387,880	-	56,619,567	-	(130,412,634)	(1,485,259)	708,057,854
Total financial assets	\$ 1,101,251,810	\$ 78,061,677	\$ (22,547,576)	\$ 38,448,875	\$ 44,807,703	\$ 85,952,908	\$ - \$	(135,275,416)	(4,199,666)	\$ 1,186,500,315

"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 be gun to be carried at fair value, such as assets with no level changes but a change in the lower of cost or market carriving basis. The common stock unaffiliated assets were transferred from level 2 to level 3 to the a change in the observability of niversity in basis. The common stock unaffiliated assets were transferred from level 2 to level 3 to the a change in the observability of niversity in basis. The common stock unaffiliated assets were transferred from level 2 to level 3 to the action of the change in the observability of niversity in both and the change in the observable of the change in the observable of the change in the observable of the change in the change in

		Balance as of	Trans	fers		(L	Gains osses) in	,	osses) ains in					Balance as of
		01/01/2016	In		Out	Ne	et Income	S	urplus	Purchases	Issuances	Sales	Settlements	12/31/2016
Financial assets:														
Bonds:														
Industrial and miscellaneous	\$	21,822,270	\$ 62,018,704	\$	(400,000)	\$ (	11,937,984)	\$ (1	3,183,256)	\$ 408,913	\$ 4,057,059	\$ (61)	\$ (5,952,106)	\$ 56,833,539
Parent, subsidiaries, and affiliates		44,987,196	8,962,866		-		564,823		6,975,913	1,953,045	10,982,187	(2,523,873)	(19,939,048)	51,963,109
Preferred Stock		2,433,928	-		(1,565,363)		-		(92,373)	1,958,149	-	-	-	2,734,341
Common stock - subsidiaries														
and affiliates		39,651,503	15,896,989		-		18,529		7,478,296	-	369,403	(18,529)	(200,000)	63,196,191
Common stock - unaffiliated		179,143,468	4,578,828		-		(490,006)	(	4,892,076)	12,022,672	791,170	(1,726,973)	(850,753)	188,576,330
Separate account assets	_	725,326,815	5,096,000		-		21,359,610		-	149,191,756	-	(152,961,206)	(10,064,675)	737,948,300
Total financial assets	\$	1,013,365,180	\$ 96,553,387	\$	(1,965,363)	\$	9,514,972	\$ (	3,713,496)	\$ 165,534,535	\$ 16,199,819	\$ (157,230,642)	\$ (37,006,582)	\$ 1,101,251,810

<sup>(1)</sup>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 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.

- 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:

			September 30, 2	2017		
	•					Not
						Practicable
	Aggregate	Admitted				(Carrying
	Fair Value	Assets	Level 1	Level 2	Level 3	Value)
Financial assets:						
Bonds:						
U. S. government and agencies	\$ 7,558,656,611	\$ 6,987,909,516	\$ - \$	7,557,366,928 \$	1,289,683	\$ -
All other governments	1,203,399,703	1,122,416,478	-	1,132,689,429	70,710,274	-
States, territories and possessions	659,756,917	603,231,181	-	659,756,917	-	-
Political subdivisions	540,924,801	498,835,499	-	540,924,801	-	-
Special revenue	6,292,427,383	5,606,634,104	-	6,282,048,567	10,378,816	-
Industrial and miscellaneous	71,151,365,300	68,256,564,080	-	41,607,359,360	29,544,005,940	-
Parent, subsidiaries and affiliates	6,443,618,140	6,326,449,703	-	628,421,424	5,815,196,716	-
Preferred stocks	848,194,236	835,059,387	40,766,496	-	807,427,740	-
Common stocks - subsidiaries						
and affiliates <sup>(1)</sup>	587,997,006	587,997,006	513,052,793	-	74,944,213	-
Common stocks - unaffiliated	1,244,228,671	1,244,228,671	943,148,175	-	301,080,496	-
Mortgage loans - commercial	20,918,024,025	20,342,819,295	-	-	20,918,024,025	-
Mortgage loans - residential	1,784,895,904	1,817,567,336	-	-	1,784,895,904	-
Cash, cash equivalents and						
short-term investments	2,495,916,449	2,495,916,449	85,866,399	2,410,050,050	-	-
Derivatives:						
Interest rate swaps	8,544,295,634	7,934,047,430	-	8,544,295,634	-	-
Options	711,350,662	711,350,662	-	711,350,662	-	-
Currency swaps	532,277,085	532,277,085	-	532,277,085	-	-
Forward contracts	56,334,451	49,020,330	-	56,334,451	-	-
Credit default swaps	32,205,565	30,307,191	-	32,205,565	-	-
Separate account assets	66,916,946,948	66,916,946,948	44,157,072,080	22,051,817,014	708,057,854	-
Financial liabilities:						
Repurchase agreements	4,246,243,228	4,246,243,228	-	4,246,243,228	-	-
Commercial paper	249,869,167	249,869,167	-	249,869,167	-	-
Guaranteed interest contracts	8,898,093,282	8,890,084,589	-	-	8,898,093,282	-
Group annuity contracts and						
other deposits	18,599,752,507	18,079,779,574	-	-	18,599,752,507	-
Individual annuity contracts	7,877,231,624	6,416,640,109	-	-	7,877,231,624	-
Supplementary contracts	1,164,302,702	1,163,161,434	-	-	1,164,302,702	-
Derivatives:						
Interest rate swaps	5,801,196,324	5,745,596,759	-	5,801,196,324	-	-
Options	7,419,873	7,419,873	-	7,419,873	-	-
Currency swaps	333,599,274	333,599,274	-	333,599,274	-	-
Forward contracts	97,011,671	96,504,070	-	97,011,671	-	-
Credit default swaps	1,467,556	1,592,157	-	1,467,556	-	-

<sup>(1)</sup> Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had a statutory carrying value of \$14,001,171,090.

		December 31, 2016									
						Not					
						Practicable					
	Aggregate	Admitted				(Carrying					
	Fair Value	Assets	Level 1	Level 2	Level 3	Value)					
Financial assets:											
Bonds:											
U. S. government and agencies	\$ 7,327,249,403	\$ 6,819,359,058	\$ -	\$ 7,323,337,358	\$ 3,912,045	\$ -					
All other governments	934,303,664	923,699,348	-	863,291,001	71,012,663	-					
States, territories and possessions	723,249,478	676,412,175	-	723,249,478	-	-					
Political subdivisions	514,142,376	482,667,254	-	514,142,376	-	-					
Special revenue	6,166,004,840	5,604,643,065	-	6,133,478,774	32,526,066	-					
Industrial and miscellaneous	64,477,981,544	62,806,781,196	-	39,230,699,303	25,247,282,241	-					
Parent, subsidiaries and affiliates	6,604,482,057	6,508,255,599	-	615,097,030	5,989,385,027	-					
Preferred stocks	481,903,752	464,925,273	503,400	30,605,241	450,795,111	-					
Common stock - subsidiaries											
and affiliates <sup>(1)</sup>	573,339,726	573,339,726	486,881,832	23,261,703	63,196,191	-					
Common stock - unaffiliated	1,119,740,118	1,119,740,118	581,611,509	349,552,279	188,576,330	-					
Mortgage loans - commercial	19,660,034,378	19,193,187,754	-	-	19,660,034,378	-					
Mortgage loans - residential	1,728,006,318	1,767,903,811	-	-	1,728,006,318	-					
Cash, cash equivalents and											
short-term investments	3,725,936,280	3,725,936,280	(95,241,558)	3,821,177,838	-	-					
Derivatives:											
Interest rate swaps	8,633,029,641	8,084,068,386	-	8,633,029,641	-	-					
Options	653,128,451	653,128,451	-	653,128,451	-	-					
Currency swaps	936,681,635	936,681,635	-	936,681,635	-	-					
Forward contracts	51,760,755	51,760,756	-	51,760,755	-	-					
Credit default swaps	39,763,838	37,821,597	-	39,763,838	-	-					
Separate account assets	62,203,995,882	62,203,995,882	39,641,341,033	21,824,706,549	737,948,300	-					
Financial liabilities:											
Repurchase agreements	4,729,192,054	4,729,192,054	-	4,729,192,054	-	-					
Commercial paper	249,940,069	249,940,069	-	249,940,069	-	-					
Guaranteed investment contracts	7,028,012,044	7,090,435,309	-	-	7,028,012,044						
Group annuity contracts											
and other deposits	19,661,467,866	19,096,549,135	-	-	19,661,467,866	-					
Individual annuity contracts	8,272,459,416	6,714,580,201	-	-	8,272,459,416	-					
Supplementary contracts	1,153,297,345	1,152,123,682	-	-	1,153,297,345	-					
Derivatives:											
Interest rate swaps	5,960,272,303	5,915,235,253	-	5,960,272,303	-	-					
Options	5,791,830	5,791,830	-	5,791,830	-	-					
Currency swaps	36,740,542	36,740,542	-	36,740,542	-	-					
Forward contracts	55,486,004	55,486,004	-	55,486,004	-	-					
Credit default swaps	789,072	789,072	-	789,072	-	-					

<sup>(1)</sup> Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had statutory carrying values of \$13,670,304,964.

d. As of September 30, 2017 and December 31, 2016, 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:

Common stocks of unconsolidated subsidiaries, primarily MMHLLC and MassMutual International LLC (MMI), are accounted for using the statutory equity method. The Company accounts for the value of MMHLLC and MMI at its underlying U.S. generally accepted accounting principles (GAAP) equity value adjusted to remove certain nonadmitted and intangible assets. MMHLLC's value is also adjusted by a portion of its noncontrolling interests (NCI) and appropriated retained earnings, after consideration of MMHLLC's fair value and the Company's capital levels. The Division has affirmed the statutory recognition of the Company's application of the NCI guidelines in MMHLLC's statutory carrying value. However, the Company has limited this recognition to \$2,597,916,344 as of September 30, 2017 and \$2,675,250,656 as of December 31, 2016. Operating results, less dividends declared, for MMHLLC are reflected as net unrealized capital gains (losses) in the Statutory Statements of Changes in Surplus. Dividend distributions declared from MMHLLC are recorded in net investment income when declared and are limited to MMHLLC's U.S. GAAP retained earnings. The cost basis of common stocks – subsidiaries and affiliates is adjusted for impairments deemed to be other than temporary.

#### 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 2015 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 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 quality, 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.

Significant volatility in the financial markets, and government actions taken in response, may exacerbate some of the risks the Company faces. The Company holds investments in energy and certain other commodity sectors, which have experienced similar overall market volatility and declines. With the continued weaker economic outlook in these sectors, there may be an increase in reported default rates or potential downgrades to the ratings of companies exposed to these sectors. In addition, concerns over the solvency of certain countries and sovereignties and the entities that have significant exposure to their debt have created market volatility. This volatility may continue to affect the performance of various asset classes until there is an ultimate resolution of the sovereign debt related concerns.

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, such as the ongoing volatility with respect to the European Union, may 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 us 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) The actual cost reduced by paydowns, carrying value, fair value and related gross realized losses from OTTI of the Company's investments with significant Alt-A and subprime exposure were as follows:

		September 30, 201	7	Nine Months Ended September 30, 2017
	Actual	Carrying	Fair	
Alt-A:	Cost	Value	Value	OTTI
a. Residential mortgage-backed securities	\$ 284,394,083	\$ 309,976,561	\$ 381,261,662	\$ 59,456
b. Commercial mortgage-backed securities	-	-	-	-
c. Collateralized debt obligations	-	-	-	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	20,933,543	22,482,964	27,112,214	19,015
f. Other assets		-	-	
g. Total	\$ 305,327,626	\$ 332,459,525	\$ 408,373,876	\$ 78,471

		Se	ptember 30, 20	17			e Months Ended tember 30, 2017	
_	Actual		Carrying		Fair			
Subprime:	Cost		Value		Value	OTTI		
<ul><li>a. Residential mortgage-backed securities \$</li><li>b. Commercial mortgage-backed securities</li></ul>	247,213,749	\$	287,493,435	\$	349,786,778	\$	175,669	
c. Collateralized debt obligations	-		-		-		-	
d. Structured securities	-		-		-		-	
e. Equity investments in SCAs *	11,099,697		12,183,517		13,682,288		10,969	
f. Other assets	=		-		-		=	
g. Total	258,313,446	\$	299,676,952	\$	363,469,066	\$	186,638	

<sup>\*</sup>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.

					`	Year Ended
		Dece	ember 31, 2016			
	Actual	Carry	ying	Fair		
Alt-A:	Cost	Val	ue	Value		OTTI
a. Residential mortgage-backed securities \$	475,024,785	\$ 346,	806,874	\$ 421,952,463	\$	386,991
b. Commercial mortgage-backed securities	-		-	-		-
c. Collateralized debt obligations	-		-	-		-
d. Structured securities	-		-	-		-
e. Equity investments in SCAs *	35,352,414	25,	011,780	30,215,621		3,072
f. Other assets	-		-	-		<u>-</u>
g. Total	510,377,199	\$ 371,	818,654	\$ 452,168,084	\$	390,063

		Year Ended December 31, 2016		
	Actual	Carrying	Fair	
Subprime:	Cost	Value	Value	OTTI
<ul><li>a. Residential mortgage-backed securities \$</li><li>b. Commercial mortgage-backed securities</li></ul>	426,575,800	\$ 339,118,699	\$ 402,752,703	\$ 42,634
c. Collateralized debt obligations	2,739,687	-	215,700	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	20,888,528	15,726,076	17,137,869	11,949
f. Other assets	-	-	-	
g. Total	450,204,015	\$ 354,844,775	\$ 420,106,272	\$ 54,583

<sup>\*</sup>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.

<sup>(2)</sup> 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 November 10, 2017, the date the financial statements were available to be issued. No events have occurred subsequent to the date of the statement 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 - No change

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 Disclosure of Material Transactions with the State of Domicile, as required by the Model Act?							] No [ X ]	
1.2 If yes, has the report been filed with the domiciliary state?						Yes [	] No [ ]	
2.1 Has any change been made during the year of this statement in the charter, by-laws, articles of incorporation, or deed of settlement of the reporting entity?						Yes [	] No [ X ]	
2.2	If yes, date of change:							
3.1	3.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer?						] No [ ]	
3.2	Have there been any substantial changes in the organizational chart	t since the prior q	uarter end?			Yes [	] No [ X ]	
3.3	If the response to 3.2 is yes, provide a brief description of those char	nges.						
4.1	Has the reporting entity been a party to a merger or consolidation d	luring the period o	overed by this statemen	t?		Yes [	] No [ X ]	
4.2	If yes, provide the name of the entity, NAIC Company Code, and staceased to exist as a result of the merger or consolidation.	ate of domicile (us	e two letter state abbrev	iation) for any entity th	at has			
	1 Name of Entity		2 NAIC Company Code					
					-			
5.	If the reporting entity is subject to a management agreement, includi in-fact, or similar agreement, have there been any significant changes of the subject to a management agreement, including the subject to a management agreement agreement.					[ ] No [	X ] N/A [ ]	
6.1	State as of what date the latest financial examination of the reporting	g entity was made	e or is being made			12/31/2014		
6.2	State the as of date that the latest financial examination report beca date should be the date of the examined balance sheet and not the					12/	31/2014	
6.3	State as of what date the latest financial examination report became the reporting entity. This is the release date or completion date of t date).	the examination re	eport and not the date of	the examination (bala	ince sheet		30/2016	
6.4 6.5	By what department or departments?  Commonwealth of Massachusetts Division of Insurance  Have all financial statement adjustments within the latest financial estatement filed with Departments?					[ ] No [	] N/A [ X ]	
6.6	Have all of the recommendations within the latest financial examinat	tion report been o	omplied with?		Yes	[ X ] No [	] N/A [ ]	
7.1	Has this reporting entity had any Certificates of Authority, licenses or revoked by any governmental entity during the reporting period?							
7.2	If yes, give full information:							
8.1	Is the company a subsidiary of a bank holding company regulated by	y the Federal Res	erve Board?			Yes [	] No [ X ]	
8.2	If response to 8.1 is yes, please identify the name of the bank holding	ng company.						
8.3	Is the company affiliated with one or more banks, thrifts or securities	s firms?				Yes [ X	] No [ ]	
8.4	If response to 8.3 is yes, please provide below the names and locati regulatory services agency [i.e. the Federal Reserve Board (FRB), Insurance Corporation (FDIC) and the Securities Exchange Comm	the Office of the	Comptroller of the Curre	ncy (OCC), the Federa	al Deposit	I		
	1 Affiliate Name	L	2 ocation (City, State)	3 FRB		5 6 DIC SEC		
	Baring International Investment Limited	London, UK				YESYES		
	MML Distributors, LLC	Enfield, CT				YES		
	MML Investment Advisers, LLC	. Enfield, CT				YES		
	MML Investors Services, LLC		MA			YES		
	MML Strategic Distributors, LLC		ЛА ЛА			YES	1	
	OppenheimerFunds Distributor, Inc.		MA			YES	1	
	The MassMutual Trust Company, FSB				YES		]	
	T .			1	1	1	1	

## **GENERAL INTERROGATORIES**

9.1	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 professional relationships;					
	(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reportir	ng entity;				
	(c) Compliance with applicable governmental laws, rules and regulations;					
	<ul><li>(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and</li><li>(e) Accountability for adherence to the code.</li></ul>					
9.11	If the response to 9.1 is No, please explain:					
3.11	ii tile response to 3.1 is two, please explain.					
9.2	Has the code of ethics for senior managers been amended?		Yes [ ] No [ X ]			
9.21	If the response to 9.2 is Yes, provide information related to amendment(s).					
9.3	Have any provisions of the code of ethics been waived for any of the specified officers?		Van I I Na I V I			
9.31	If the response to 9.3 is Yes, provide the nature of any waiver(s).		res [ ] NO [ X ]			
	FINANCIAL					
10.1	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?		Yes [ X ] No [ ]			
10.2	If yes, indicate any amounts receivable from parent included in the Page 2 amount:	\$ <u></u> .	0			
	INVESTMENT					
11.1	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or other					
11.0	use by another person? (Exclude securities under securities lending agreements.)		Yes [ X ] No [ ]			
11.2	Repurchase agreements, Letter stock or securities restricted as to sale - excluding FHLB Capital Stock, FHLB Capit.	al Stock On denosit with				
	states, pledged as collateral - excluding collateral pledged to an FHLB and Pledged as collateral to FHLB - including agreements					
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:	\$ <u></u> .				
14.1	Does the reporting entity have any investments in parent, subsidiaries and affiliates?		Yes [ X ] No [ ]			
14.2	If yes, please complete the following:		_			
		1 Prior Year-End	2 Current Quarter			
		Book/Adjusted	Book/Adjusted			
		Carrying Value	Carrying Value			
	Bonds\$	6,508,255,596	\$6, 189, 347, 116			
	Preferred Stock\$		\$			
	Common Stock\$		\$14,001,343,848			
	Short-Term Investments		\$			
	Mortgage Loans on Real Estate		\$			
	All Other\$		\$4, 132, 084, 426			
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)		\$24,322,775,390 \$			
	Has the reporting entity entered into any hedging transactions reported on Schedule DB?					
15.2	If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?		Yes [X] No []			
	If no ottook a description with this statement					

			GENERAL IN	ΓERRC	GATOR	RIES				
16.			rogram, state the amount of the							
			nvested collateral assets reported							
	16.2 Total bo	ok adjusted/o	carrying value of reinvested colla	teral assets rep	orted on Schedule	DL, Parts 1 and 2	\$			
	16.3 10tal pa	yable for sec	urities lending reported on the lia	ibility page						
17.	offices, vaults or safety depo- custodial agreement with a q	sit boxes, we ualified bank	pecial Deposits, real estate, mort re all stocks, bonds and other se or trust company in accordance al or Safekeeping Agreements o	ecurities, owned with Section 1	throughout the cu , III - General Exar	rrent year held pursuant to a nination Considerations, F.		[ X ]	] No [	1
17.1			quirements of the NAIC Financial						[	
	Nan	1 ne of Custodi	an(s)		Custoo	2 lian Address NY 10001				
	Citibank, N.A.			333 West 34th 9	Street, New York,	NY 10001				
	JP Morgan Chase Bank N.A			1 Chase Mannat 50 South LaSall	ian Plaza, 19in F Le Street Chicago	100r, New York, NY 10005 N II 60603				
	State Street Global Service	S				City, MO 64105				
17.2	For all agreements that do not location and a complete expl		the requirements of the NAIC Fi	nancial Condition	on Examiners Han	dbook, provide the name,				
	1	anation.	2			3				
	Name(s)		Location(s)		Comple	ete Explanation(s)				
17.3 17.4	Have there been any changes If yes, give full information rela		ame changes, in the custodian(s)	) identified in 17	'.1 during the curre	ent quarter?	Yes	[ ]	No [ X	]
	1 Old Custodian		2 New Custodian		3 Change	4 Reason				
	Old Custodian		New Custodian	Date of	Change	Reason				
17.5	make investment decisions of	on behalf of tl	stment advisors, investment mar ne reporting entity. For assets tha nent accounts"; "handle securi	at are managed	lealers, including in internally by empl	ndividuals that have the auth oyees of the reporting entity,	ority to note as			
	Nar	1 me of Firm or	Individual	2 Affiliatio	n					
	Apollo Aviation Group Capita	al Markets L	LC	U						
			-							
	Tortoise Capital Advisors, I	L.L.C		U						
	PIMCO- Pacific Investment M	anagement Co	mpany LLC							
	Ashmore Investment Manageme	nt Limited		U						
	20 Gates Management, LLC									
			n the table for Question 17.5, do ore than 10% of the reporting ent				Yes	[ ]	] No [	Χ :
	17.5098 For firms/individuals	unaffiliated w	ith the reporting entity (i.e. desig	nated with a "U	") listed in the table	e for Question 17.5. does the	<b>.</b>			
			ggregate to more than 50% of th				Yes	[ ]	] No [	Χ]
17.6	For those firms or individuals table below.	listed in the to	able for 17.5 with an affiliation co	de of "A" (affilia	ted) or "U" (unaffil	iated), provide the informatio	n for the			
	1		2		3	4		Inv	5 restment	t
	0 1 10 11 11								nagemer	
	Central Registration Depository Number	N	lame of Firm or Individual	Legal En	tity Identifier (LEI)	Registered Wit	:h		reement (A) Filed	
	168456		tion Group Capital Markets LLC			SEC		NO		
	110363		tional Asset Management, Inc.			SEC		DS		
	106006		dvisers, Inc		NP6HXSY1SU7	SEC		DS		
	123711		pital Advisors, L.L.C			SEC				
	:==2,	PIMCO- Paci	fic Investment Management Comp	any						-
	104559	LLC				SEC				
	107926	Earnest Par	tners LLC			SEC				
	141037	KA Fund Adv	isors LLC			SEC		NO		
			rs Pty Ltdestment Management Limited							
			inance LLC			SEC				

Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed? .. Yes [ ] No [ X ] 18.2

SEC

If no, list exceptions:

At 09/30/2017, 42 issues for 33 issuers did not meet the filing requirements of the Purposes and Procedures Manual. The majority of these issues currently lack one or more of the following: Valid cusip/PPN, audited financials and/or executed legal documentation. Exceptions totaled \$146,198,796 or 0.14% of all assets.

20 Gates Management, LLC

155480

## **GENERAL INTERROGATORIES**

### PART 2 - LIFE & HEALTH

1.	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	
	1.11 Farm Mortgages	51,693,555
	1.12 Residential Mortgages	1,817,567,335
	1.13 Commercial Mortgages	20,341,125,741
	1.14 Total Mortgages in Good Standing	22,160,386,631
	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	<b>\$</b>
	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	<b>5</b>
	1.43 Commercial Mortgages	Б
	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)	\$ 22,160,386,631
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter	
	1.61 Farm Mortgages	5
	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	68.040 %
	2.2 A&H cost containment percent	1.200 %
	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 \_\_\_\_\_\_\_\$

## **SCHEDULE S - CEDED REINSURANCE**

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3	4	5	6	7	8	9
								Effective Date of
							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
82627	06-0839705	08/01/2017	Swiss Re Life & Health America (SRN7)	MO	YRT/I	Author i zed		
60054	06-6033492	03/22/2017	Aetna Life Insurance Corporation	CT	CO/I	Author i zed		
88099	75-1608507	05/09/2016	Optimum Re Insurance Corporation	TX	CO/G	Author i zed		

# SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS Current Year To Date - Allocated by States and Territories

Direct Business Only Life Contracts Accident and Health Insurance Premiums, Including Policy
Membership Total Life Insurance Active Annuity Other Columns Deposit-Type States, Etc and Other Fees Considerations .30,090,562 .71,327,605 AL .109.585.661 Alabama .39.709.110 .4.768.687 .35.017.302 Alaska 1,334,567 .862,642 .2,625,520 .5,039,857 2,421,518 3. Arizona ΑZ 37.871.673 40 106 490 7 054 972 .18.611.409 .103.644.544 31 406 934 1.588.636 .34.736.520 ..9.925.786 4. AR 14.427.284 .17.459.085 .1.261.515 Arkansas California 522.791.411 208.749.883 44.364.475 244.918.447 1.020.824.216 207.821.393 6. Colorado CO 69 465 501 27 176 962 7 988 698 ..9.633.840 .114.265.001 18.841.640 126.898.370 15.020.401 205.776.773 Connecticut CT .44.805.880 392.501.424 .26.736.773 .251,997,105 8. Delaware .80.851.936 22.898.492 .1.197.434 147.049.243 2.007.655.084 9 District of Columbia DC .14.084.130 2.898.249 2.965.711 15.669.576 .35.617.666 5.942.992 10. Florida FL 344.337.853 .110.574.661 22.516.588 .534 . 161 . 457 1.011.590.559 205.250.093 GΑ 165,358,798 .77.800.255 16,763,231 165,832,224 425.754.508 .66,720,830 Georgia 11. 12 н 13 573 438 9 551 606 2.290.043 5 214 955 30 630 042 9.455.471 Hawaii 13. Idaho. ID .17.345.222 .5.605.783 .926.591 12.027.860 .35.905.456 7.827.792 168,468,694 104.296.848 18.661.259 333.146.879 624,573,680 72,135,997 14. Illinois IL .66,114,544 15 INI 28.438.745 6.889.963 .33.780.188 135.223.440 .27.886.774 Indiana 16. lowa. IΑ .34.295.063 .13.444.746 2.727.791 .85.217.620 .135.685.220 .4.624.481 39,317,339 4,112,239 17. KS 7.768.567 21,403,717 .72.601.862 10,591,986 Kansas 3,725,029 18. Kentucky ΚY .19,814,215 26.524.678 18,302,967 68.366.889 32,718,912 12 372 440 58 584 354 19. Louisiana LA 29 557 589 4 256 618 12 397 707 44 234 475 52,954,013 ME 13, 181, 403 1,778,450 17,652,732 .4,728,683 20. Maine. 20,341,428 110,855,982 MD 103,257,044 149,422,509 20,966,595 21 Maryland .384,502,130 .52,971,603 22 Massachusetts MA 191 677 301 194 741 011 23 750 512 708 427 565 1 118 596 389 38 334 602 ..87,523,174 72,451,986 23. Michigan MI 104,625,746 .72,785,598 .10,234,501 .275, 169, 019 MN 273,018,065 128,604,814 24 .37,358,109 .59,831,332 .6,326,409 .376,533,915 25. Mississippi MS 29 133 545 18 701 261 7 869 363 1 919 354 57 623 523 11 452 777 МО 113.649.735 25.988.138 8.225.930 74.323.561 .37,541,897 Missouri . 26. 222.187.364 27 MT .12, 191, 531 .4,044,781 .914,072 453,402 17,603,786 .8,641,890 28 Nebraska NE 27.105.451 28 368 357 4 376 425 80 376 748 140 226 981 13 447 946 .9,090,615 NV 21.543.858 ..9.031.179 2.476.963 31.250.637 .64.302.637 29. Nevada. New Hampshire NH 25,893,148 .26,854,998 .3,405,389 .15,587,924 .71,741,459 6,972,977 New Jersey 31. NJ 265 631 688 .114,787,319 29,063,219 .318,545,622 728 027 848 .121,882,000 32 New Mexico NM .8.913.321 ...834.550 .25.263.893 ..9.159.059 ..13.874.210 .1.641.812 NY 776.446.026 396.915.251 62.753.839 452.043.432 1.688.158.548 342.902.731 34 North Carolina NC 103.897.583 .84.756.072 .21,503,288 106.924.532 317 081 475 .111,726,727 35. North Dakota ND ..10.370.147 .5.833.370 ..495.670 .13.567.648 .30.266.835 ...7.220.168 ОН 96.501.965 135,425,732 12.095.683 203.621.915 447.645.295 47.986.130 37. Oklahoma ΩK .60.501.484 .15,415,819 .5,736,725 .43,513,508 .125, 167, 536 .17,555,700 OR .3.457.391 18.914.386 .54.272.447 38. Oregon. .19.198.989 .12.701.681 ...8.772.871 39 Pennsylvania PΑ 225, 187, 586 99.443.091 29,685,980 289,429,089 643,745,746 14,685,957 40 Rhode Island RI 14.750.962 27 502 681 2 431 946 .80.678.105 125 363 694 2 198 251 42.537.877 41. South Carolina SC .58.555.199 20.963.956 .10.913.200 .15.041.577 .105.473.932 42 South Dakota SD 7.680.868 2.416.307 467.203 .11, 181, 856 21.746.234 .3, 172, 547 43. Tennessee ΤN 138,492,969 45.115.488 12.815.575 141,654,595 338.078.627 25.955.017 44. Texas. TX 287.793.415 160.962.983 35.041.405 .112.327.284 596 125 087 227.633.076 57,627,512 45. UT 14.194.339 3,122,250 10,629,637 .28,802,791 Utah. .29,681,286 15,751,514 46 VT 32,988,368 1,113,943 .11,489,911 .61,343,736 .2,297,121 Vermont 301 502 223 47 Virginia VA 144 630 676 81 621 130 23 027 830 550 781 859 65 193 509 48. Washington WA .44,817,755 31,207,602 7,624,607 .55,281,389 .138,931,353 5.474.560 wv 12,727,735 4,586,982 1,066,230 .8,987,296 .27,368,243 30,561,993 49 West Virginia 50. Wisconsin WΙ 57 354 357 44 774 366 4 498 329 65 579 392 172 206 444 3 223 218 .1,210,491 2,428,560 WY .10,611,285 .2,120,643 .465,726 .14,408,145 51. Wyoming 52 American Samoa AS 53. Guam GU 1 125 4 562 5 687 6 137 N 10,849,842 .7,200,761 .71, 189, 242 Puerto Rico 49.334.458 .3.804.181 608.926 PR 54. .9,815 119,740 55 U.S. Virgin Islands ۷I .105,576 .4,349 .11, 113 56 Northern Mariana Islands MP 1 023 1 023 N 311,925 .98 . 177 1.779.808 200.110 57. CAN 1.369.706 Canada. Ν 50,490,000 58. Aggregate Other Aliens . .11,739,045 1,998,521 .398,245 .64,625,811 59 52 4,939,686,933 2.759.908.054 .535.089.071 5.620.690.962 .13.855.375.020 4.369.962.475 Subtotal 90. Reporting entity contributions for employee benefits XXX 91. Dividends or refunds applied to purchase paid-up additions and annuities .898,552,909 1,915,608 .900,468,517 XXX 92. Dividends or refunds applied to shorten endowment or premium paying period. XXX Premium or annuity considerations waived under disability or other contract provisions..... 93. XXX 20,593,102 9,082,183 29,675,285 94. Aggregate or other amounts not allocable by State XXX XXX 5.858.832.944 .544, 171, 254 5.620.690.962 14,785,518,822 4.369.962.475 Totals (Direct Business). 2,761,823,662 95. XXX 38,055,406 981,353,907 1,046,526,752 1,310,482,602 Plus Reinsurance Assumed 27, 117, 439 97 Totals (All Business) XXX 5.896.888.350 2,788,941,101 544.171.254 6,602,044,869 15,832,045,574 5,680,445,077 Less Reinsurance Ceded XXX \_585,356,837 .90,386,310 675,743,147 98. 5,680,445,077 Totals (All Business) less Reinsurance Ceded XXX 5,311,531,513 2,788,941,101 453,784,944 6,602,044,869 15, 156, 302, 427 **DETAILS OF WRITE-INS** HKG Hong Kong 58001. XXX 221.451 221.451 58002. ZZZ Other Alien 398.245 50.490.000 64.404.360 XXX 11.517.594 1.998.521 58003. XXX 58998. Summary of remaining write-ins for Line 58 from overflow page XXX 58999. Totals (Lines 58001 through 58003 plus 398.245 50.490.000 58998)(Line 58 above) 11.739.045 1.998.521 64.625.811 XXX 9401 XXX 9402. XXX 9403 XXX 9498. Summary of remaining write-ins for Line 94 from overflow page XXX 9499. Totals (Lines 9401 through 9403 plus 9498)(Line 94 above) XXX

<sup>(</sup>L) Licensed or Chartered - Licensed Insurance Carrier or Domiciled RRG; (R) Registered - Non-domiciled RRGs; (Q) Qualified - Qualified or Accredited Reinsurer; (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.

<sup>(</sup>a) Insert the number of L responses except for Canada and Other Alien.

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

PART 1 – ORGANIZATIONAL CHART

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

	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	04-1590850	65935	Massachusetts
Direct & Indirect Owned Subsidiaries:			
C.M. Life Insurance Company	06-1041383	93432	Connecticut
MML Bay State Life Insurance Company	43-0581430	70416	Connecticut
CML Mezzanine Investor, LLC	06-1041383		Delaware
CML Mezzanine Investor L, LLC	06-1041383		Delaware
CML Mezzanine Investor III, LLC	06-1041383		Delaware
CML Special Situations Investor 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 Company, LLC	None		Delaware
Lyme Adirondack Timber Sales, Inc.	20-5305426		New York
Lyme Adirondack Timberlands I, LLC	None		Delaware
Lyme Adirondack Timberlands II, LLC	None		Delaware
WP-SC, LLC*	26-4441097		Delaware
MSP-SC, LLC	04-1590850		Delaware
Country Club Office Plaza LLC*	27-1435692		Delaware
Insurance Road LLC	04-1590850		Delaware
MassMutual Trad Private Equity LLC	04-1590850		Delaware
MassMutual Intellectual Property LLC	04-1590850		Delaware
Invicta Advisors LLC	56-2574604		Delaware
Jefferies Finance LLC	27-0105644		Delaware
Apex Credit Partners LLC	None		Delaware
Apex Credit CLO 2017-II Ltd.	None		Cayman Islands
JFIN Fund III LLC	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 Co-Issuer Corporation	None		Delaware
JFIN Europe GP, S.a.r.l.	None		Luxembourg
Jefferies Finance Europe, SCSp	None		Luxembourg
Jefferies Finance Business Credit LLC	None		Delaware
JFIN Business Credit Fund I LLC	None		Delaware
JFIN High Yield Investments LLC	None		Delaware
JFIN LC Fund LLC	None		Delaware
JFIN Revolver CLO Holdings LLC	None		Delaware
JFIN CLO 2007 Ltd.	None		Cayman Islands

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch 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 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 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2014 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2015 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2015-II Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017-II Ltd.	None		Cayman Islands
Apex Credit CLO 2016 Ltd.	None		Cayman Islands
Apex Credit CLO 2017 Ltd.	None		Cayman Islands
MassMutual Retirement Services, 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
MMC Equipment Finance LLC	04-1590850		Delaware
MassMutual Asset Finance LLC*	26-0073611		Delaware
MMAF Equipment Finance LLC 2009-A	27-1379258		Delaware
MMAF Equipment Finance LLC 2011-A	45-2589019		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 Pioneers Gate LLC	04-1590850 45-2738137		Delaware Delaware
MSC Holding Company, LLC	45-4376777		Delaware
MassMutual Holding MSC, Inc.	04-3341767		Massachusetts
MassMutual Holding LLC	04-2854319		Delaware
Fern Street LLC	37-1732913		Delaware
First Mercantile Trust Company	62-0951563		Tennessee
Haven Life Insurance Agency, LLC	46-2252944		Delaware
MassMutual Assignment Company	06-1597528		North Carolina
MassMutual Capital Partners LLC	04-1590850		Delaware
MassMutual Ventures LLC	47-1296410		Delaware
MM Rothesay Holdco US LLC	04-1590850		Delaware
MML Investors Services, LLC	04-1590850		Massachusetts
MML Insurance Agency, LLC	04-1590850		Massachusetts

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
MMLISI Financial Alliances, LLC	41-2011634		Delaware
Society of Grownups, LLC	47-1466022		Massachusetts
MM Asset Management Holding LLC	45-4000072		Delaware
Barings LLC	51-0504477		Delaware
Baring Asset Management (Asia) Holdings Limited	98-0524271		Hong Kong, Special Administrative Region of China
Baring International Fund Managers (Bermuda) Limited	98-0457465		Bermuda
Baring Asset Management (Asia) Limited	98-0457463		Hong Kong, Special Administrative Region of China
Baring Asset Management Korea Limited	None		Korea
Baring SICE (Taiwan) Limited	98-0457707		Taiwan ROC
Baring Asset Management (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 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
Barings Europe Limited	None		United Kingdom
Barings (U.K.) Limited	98-0432153		United Kingdom
Barings Investment Fund (LUX) GP S.à. r.l.	None		Luxembourg
Barings GPC GP S.à. r.l.	None		Luxembourg
Almack Mezzanine GP III Limited	None		United Kingdom
Almack Holding Partnership GP Limited	None		United Kingdom
Almack Mezzanine Fund Limited	None		United Kingdom
Almack Mezzanine Fund II Limited	None		United Kingdom
Barings Global Advisors Limited	98-1012393		United Kingdom
BCGSS 2 GP LLP	None		United Kingdom
Babson European Direct Lending 1 GP LLP	None		United Kingdom
Barings Advisers (Japan) KK	None		Japan
Barings Multifamily Capital Holdings LLC	None		Delaware
Barings Multifamily Capital LLC  Barings Multifamily Capital Corporation	None None		Michigan Delaware
Barings Real Estate Advisers Inc.	04-3238351		California
Barings Real Estate Advisers Japan KK	None		Japan
Barings Real Estate UK Holdings Limited	None		Delaware
BREAE AIFM LLP	None		United Kingdom
Barings Real Estate Advisers (Continental Europe) Limited	98-0654401		United Kingdom
Barings Real Estate Advisers Europe LLP	98-0654388		United Kingdom
Barings Real Estate Advisers Europe Finance LLP	98-0654412		United Kingdom
Bailings Real Estate Authoris Europe Finance ELI	70-0034412		Omica Kingaoin

98-1194368

Germany

Barings Real Estate Advisers GmbH

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
MassMutual Baring Holding LLC	04-1590850		Delaware
Baring North America LLC	98-0241935		Massachusetts
MassMutual Holdings (Bermuda) Limited	None		Bermuda
Baring Asset Management Limited	98-0241935		United Kingdom
Baring International Investment Limited	98-0457328		United Kingdom
Baring International Investment Management Holdings	98-0457587		United Kingdom
Baring Asset Management UK Holdings Limited	98-0457576		United Kingdom
Baring Asset Management GmbH	98-0465031		Germany
Baring International Fund Managers (Ireland) Limited	98-0524272		Ireland
Baring Asset Management Switzerland Sarl	None		Switzerland
Baring France SAS	98-0497550		France
Baring Fund Managers Limited	98-0457586		United Kingdom
Baring Pension Trustees Limited	98-0457574		United Kingdom
Baring Investment Services Limited	98-0457578		United Kingdom
Barings Australia Holding Company Pty Ltd	None		Australia
Barings Australia Pty Ltd	98-0457456		Australia
Alchemy Copyrights, LLC.*	47-2642354		Delaware
Chassis Acquisition Holding LLC	81-2244465		Delaware
CRA Aircraft Holding LLC*	81-4258759		Delaware
Milestone Acquisition Holding, LLC.	47-3055009		Delaware
Red Lake Ventures, LLC	46-5460309		Delaware
Remington L & W Holdings LLC*	81-4065378		Connecticut
Solar Acquisition Holding, LLC	None		Delaware
Sweet Tree Holdings 1, LLC	46-3123110		Delaware
Tamiami Citrus, LLC	None		Delaware
Teaktree Acquisition, LLC	None		Delaware
U.S. Buyer Broadcasting, LLC	47-1855920		Delaware
U.S. WIG Holdings, LP	46-1500495		Delaware
U.S. Pharmaceuticals Holdings I, LLC	46-0687392		Delaware
U.S. Pharmaceuticals Holdings II, LLC	47-5436800		Delaware
VGS Acquisition Holding, LLC	None		Delaware
Wood Creek Aircraft Holding I, LP	None		Cayman Islands
Baring Asset-Based Income Fund (US) GP, LLC	None		Delaware
Babson Capital Floating Rate Income Fund Management, LLC	04-1590850		Delaware Delaware
Babson Global Loan Feeder Management, LLC	None		Delaware Delaware
Barings CLO Investment Partners GP, LLC	None None		Delaware Delaware
Barings Global Energy Infrastructure Advisors, LLC			Delaware Delaware
Barings North American Private Loan Fund Management, LLC Barings TERO Management LLC	None None		Delaware Delaware
Benton Street Advisors, Inc.	98-0536233		Cayman Islands
Great Lakes III GP, LLC	98-0336233 04-1590850		Delaware
Gival Lance III GI , LLC	04-1370030		Delaware

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

	Federal Tax ID	NAIC Co Code	State of Domicile
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
Somerset Special Opportunities Management LLC	04-1590850		Delaware
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
OFI Global Trust Company	13-3459790		New York
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
VTL Associates, LLC	None		Pennsylvania
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
MassMutual Asia Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Asia Investors Ltd.	None		Hong Kong, Special Administrative Region of China
MassMutual Guardian Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Insurance Consultants Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Services Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Trustees Limited	None		Hong Kong, Special Administrative Region of China
Protective Capital (International) Limited	98-0610331		Hong Kong, Special Administrative Region of China

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
MassMutual Life Insurance Company	None		Japan
MassMutual Internacional (Chile) SpA	98-1033127		Chile
MML Management Corporation	04-2443240		Massachusetts
MassMutual International Holding MSC, Inc.	04-3548444		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 <sup>rd</sup> 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 I LP*	None		United Kingdom
Almack Mezzanine Fund II Unleveraged LP	None		United Kingdom
Almack Mezzanine Fund III LP*	None		United Kingdom
Barings Emerging Markets Corporate Bond Fund	None		Ireland
Barings Emerging Markets Local Debt Fund	None		Ireland
Barings Global Special Situations Credit Fund 1	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. 2013-II	98-1128827		Cayman Islands
Babson CLO Ltd. 2014-I	None		Cayman Islands
Babson CLO Ltd. 2014-II	None		Cayman Islands
Babson CLO Ltd. 2014-III	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
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
Baring Focused EAFE Equity Fund	11-3789446		Delaware
Baring Global Dynamic Asset Allocation Fund	30-0607379		Delaware
Barings Global Energy Infrastructure Fund I LP	98-1332384		Cayman Islands

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
Barings Global Private Loan Fund	None		Luxembourg
Barings North American Private Loan Fund LP	38-4010344		Delaware
Barings Real Estate 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
Benton Street Partners I. L.P.*	98-0536233		Cayman Islands
Benton Street Partners II, L.P.*	98-0536199		Cayman Islands
Braemar Energy Ventures I, L.P. *	None		Delaware
Barings European Core Property Fund SCSp	None		Luxembourg
Cornerstone Core Mortgage Venture I LP	27-1701622		Delaware
Cornerstone Enhanced Mortgage Fund I LP	45-3751572		Delaware
Cornerstone Global Real Estate LP*	20-8730751		Delaware
Cornerstone High Yield Venture LP	36-4770946		Delaware
Barings/LAZ Parking Fund LP	46-5437441		Delaware
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
Duchess VI CLO B.V.	None		United Kingdom
	None		
Duchess VII CLO B.V. E-Wise Land Venture LLC	None 20-3887968		United Kingdom Delaware
	80-0691253		
Gateway Mezzanine Partners I LP*	90-0991195		Delaware Delaware
Gateway Mezzanine Partners II LP*			
Gillem GA Industrial LLC	04-1590850		Delaware
Great Lakes III, L.P.	37-1708623	1012	Delaware New York
JPMCC Commercial Mortgage Securities Trust 2017-JP7	38-4041011; 38-404 38-4032059	1012	New York New York
JPMDB Commercial Mortgage Securities Trust 2017-C5	20-3887968		Delaware
Kazwell Realty Partners LLC KKR-MM Vector LP	82-1512591		Delaware
	46-4255307		
Marco Hotel LLC MAN Debt Participations LLC	81-3000420		Delaware Delaware
MM Debt Participations LLC MML O'Hare Hotel LLC	26-3799762		Delaware
Oakley Grove Development LLC	20-3887968		Delaware Delaware
	20-3887968		Delaware
Old Pasco Properties LLC			
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
Sedona TFMP Land LLC	04-1590850		Delaware
Somerset Special Opportunities Fund L.P.*	20-8856877		Delaware
South Pasco Properties LLC	20-3887968		Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	<u>F</u> 6	ederal Tax ID	NAIC Co Code	<b>State of Domicile</b>
Tower Square Capital Partners, L.P.*	04	1-3722906		Delaware
Tower Square Capital Partners II, L.P.*	30	)-0336246		Delaware
Tower Square Capital Partners II-A, L.P.*		2-0160190		Delaware
Tower Square Capital Partners III, L.P.*	41	1-2280127		Delaware
Tower Square Capital Partners IIIA, L.P.	41	1-2280129		Delaware
Tower Square Capital Partners IV-A, L.P.	80	0-0920367		Delaware
West 46 <sup>th</sup> Street Hotel LLC	05	5-1590850		Delaware
Barings Affiliates & Funds:				
Barings Emerging Markets Debt Blended Total Return Fund	No	one		Ireland
Barings Emerging Markets Debt Short Duration Fund	No	one		Ireland
Barings Emerging Markets Sovereign Debt Fund	No	one		Ireland
Babson Capital Floating Rate Income Fund, L.P.	27	7-3330830		Delaware
Barings Global Investment Grade Corporate Plus Fund	No	one		Ireland
Babson Capital Loan Strategies Master Fund LP	No	one		Cayman Islands
Barings Emerging Markets Debt Blended Total Return Fund		7-3758432		Massachusetts
Barings Emerging Markets Local Currency Debt Fund		7-3774453		Massachusetts
Barings Global High Yield Fund		7-3790192		Massachusetts
Baring Greater China Equity Fund		one		Hong Kong
Barings Total Return Bond Fund		7-3734770		Massachusetts
Barings U.S. High Yield Fund		7-3801860		Massachusetts
Great Lakes II LLC*		1-1018134		Delaware
Great Lakes LLC*		5-2505390		Delaware
Intermodal Holding II LLC*		5-2344300		Delaware
Somerset Special Opportunities Master Fund LP		one		Cayman Islands
Wood Creek Venture Fund LLC	04	1-1590850		Delaware
Barings Real Estate Affiliates & Funds:				
12-18 West 55th Street Predevelopment, LLC*		)-2548283		Delaware
50 Liberty LLC*		5-4823011		Delaware
One Harbor Shore LLC*		)-0948028		Delaware
Alexandria Towers Investors LLC	The state of the s	1-1590850		Delaware
Budapester Strasse LLC		1-4382111		Delaware
Calgary Railway Holding LLC*		2-2285211		Delaware
Cambridge Hotel LLC		1-1590850		Delaware
CHC/RFP VI Core LLC		1-1590850		Delaware
Cornerstone California Mortgage Fund I LLC		5-4207717		California
Cornerstone California Mortgage Fund II LLC		5-4207717		California
Cornerstone Fort Pierce Development LLC*		6-2630592		Delaware
Cornerstone Permanent Mortgage Fund		5-2632610		Massachusetts
Cornerstone Permanent Mortgage Fund II		1-1750537		Massachusetts
Cornerstone Permanent Mortgage Fund III		5-2531693		Massachusetts
Cornerstone Permanent Mortgage Fund IV	61	1-1793735		Massachusetts

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
CREA 330 Third LLC*	46-5001122		Delaware
CREA FMF Nashville LLC	46-4367364		Delaware
CREA/LYON West Gateway, LLC*	26-2399532		Delaware
CREA Madison Member LLC	81-0890084		Delaware
CREA/PPC Venture LLC*	20-0348173		Delaware
CCB Montford Park LLC*	82-1563809		Delaware
Fallon Cornerstone One MPD LLC*	26-1611591		Delaware
Fan Pier Development LLC*	20-3347091		Delaware
Farringdon London Holdings LLC*	46-3880526		Delaware
Infinity SCD Ltd.	None		United Kingdom
Johnston Groves LLC	20-4819358		Delaware
Landmark Manchester Holdings LLC	81-5360103		Delaware
MM Chatham Office LLC*	81-2871333		Delaware
Salomon Brothers Commercial Mortgage Trust 2001-MM	None		Delaware
Sawgrass Village Shopping Center LLC*	27-2977720		Delaware
Seattle 1415 Hotel Owner LLC	04-1590850		Delaware
Ten Fan Pier Boulevard LLC*	None		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
Washington Gateway Apartments Venture LLC*	45-5401109		Delaware
Waterford Development Associates	20-2970495		Delaware
Waterloo London Holdings LLC	47-1993493		Delaware
WeHo Domain LLC*	46-3122029		Delaware
Willowwood Lakeside Master LLC	81-1552222		Delaware
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

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

	Federal Tax ID	NAIC Co Code	State of Domicile
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 Moderate Fund	45-1618262		Massachusetts
MassMutual RetireSMART Moderate Growth Fund	45-1618046		Massachusetts
Oppenheimer Funds:			
Oppenheimer Developing Markets Fund	93-6305075		Delaware
Oppenheimer Developing Markets Equity UCITS	None		Ireland
Oppenheimer Emerging Markets Innovators UCITS	None		Ireland
Oppenheimer Emerging Markets Revenue ETF	46-2984739		Delaware
Oppenheimer ESG Revenue ETF	81-3492794		Delaware
Oppenheimer Global ESG Revenue ETF	81-3480754		Delaware
Oppenheimer Global Equity UCITS	None		Ireland
Oppenheimer Global Multi-Asset Growth Fund	47-3676235		Delaware
Oppenheimer Global Multi-Asset Income Fund	47-1714929		Delaware
Oppenheimer Global Revenue ETF	81-5010075		Delaware
Oppenheimer Global Value Equity UCITS	None		Ireland
Oppenhemier International Growth & Income Fund	81-3136071		Delaware
Oppenheimer International Revenue ETF	81-4969331		Delaware
Oppenheimer Macquarie Global Infrastructure Fund	81-1080638		Delaware

<sup>\*</sup>This entity is owned by another or multiple entities in the group. Please refer to Sch Y Part 1A for the ownership and percentage information.

# SCHEDULE Y

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										of Control	Control			
										(Ownership,	is		ls an	
					Name of Consulting			Dalation						
					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)	*
						Massachusetts Mutual Life Insurance Company			Massachusetts Mutual Life Insurance			3()		1
0435 Massachusetts Mut Life Ins Co	65935	04-1590850	3848388	0000225602		(MMLIC)	MA	RE	Company	Ownership	100.000	MMLIC		
maccachacter mat 2110 1110 00 1111						(1111210)			Massachusetts Mutual Life Insurance					1
0435 CM Life Ins Co	93432	06-1041383				C.M. Life Insurance Company	CT	DS	Company	Ownership	100.000	MMLIC		
0435 MML Baystate Life Ins Co	70416	43-0581430		0000924777		MML Bay State Life Insurance Company	CT	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		1
0000		06-1041383				CML Mezzanine Investor, LLC	DE	DS.	C.M. Life Insurance Company	Ownership.	100.000	MMLIC		1
0000		06-1041383				CML Mezzanine Investor L, LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		1
0000		06-1041383				CML Mezzanine Investor III, LLC	DE	DS	C.M. Life Insurance Company	Ownership.	100.000	MMLIC		1
0000		00 1041000				CML Special Situations Investor LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
		1	1			SIND SPOOTER OF CHEET ON THE OFFICE LED			Massachusetts Mutual Life Insurance		100.000			1
0000		04-1590850	1			MML Mezzanine Investor L, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
			-			I IIIIIL IIIUZZUIIIIC IIIVOSTOI L, LLO			Massachusetts Mutual Life Insurance	omior siffy	100.000	. mmL10		1
. 0000		1	İ			MML Special Situations Investor LLC	DE	DS	Company	Ownership.	100.000	MMLIC		
			-			www. opecial offuations investor LLC	.  VE	Do	Massachusetts Mutual Life Insurance	.   Uwilet Stiffp	100.000	- MINIL 10		1
0000		47-5322979	İ			Timberland Farest Helding II.O	DE	DS		Ownership	100.000	MMLIC		
						Timberland Forest Holding LLC			Company					
		47-5322979 47-5322979				Timberland Forest Holding LLC	DE	DS	C.M. Life Insurance Company	Ownership	0.000	MMLIC		
		47-5322979				Timberland Forest Holding LLC	DE	DS	Wood Creek Capital Management LLC	Management	400.000	MMLIC		+
						Lyme Adirondack Forest Company, LLC	DE	DS	Timberland Forest Holding LLC	Ownership	100.000			
0000		20-5305426				Lyme Adirondack Timber Sales, Inc.	NY	DS	Timberland Forest Holding LLC	Ownership	100.000	- MMLIC		
0000						Lyme Adirondack Timberlands I, LLC	DE	DS	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
0000						Lyme Adirondack Timberlands II, LLC	DE	DS	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
									Massachusetts Mutual Life Insurance					
0000		04–1590850				Berkshire Way LLC	DE	DS	Company	Ownership	100.000	MMLIC		
									Massachusetts Mutual Life Insurance					
0000		26-4441097				WP-SC, LLC	DE	DS	Company	Ownership	81.400			
0000		26-4441097				WP-SC, LLC	DE	DS	C.M. Life Insurance Company	Ownership	18.600	MMLIC		
									Massachusetts Mutual Life Insurance					
		04-1590850				MSP-SC, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
									Massachusetts Mutual Life Insurance					
		27-1435692				Country Club Office Plaza LLC	DE	DS	Company	Ownership	88.100	MMLIC		
0000		27-1435692				Country Club Office Plaza LLC	DE	DS	C.M. Life Insurance Company	Ownership	11.900	. MMLIC		
		1	İ						Massachusetts Mutual Life İnsurance					
		56-2574604				Invicta Advisors LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
		1							Massachusetts Mutual Life Insurance					
		04-1590850				Insurance Road LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000		04-1590850				MassMutual Trad Private Equity LLC	DE	NI A	Insurance Road LLC	Ownership	100.000	MMLIC		
		04-1590850				MassMutual Intellectual Property LLC	DE	NI A	Insurance Road LLC	Ownership.	100.000	MMLIC		1
						, , , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance					
		27-0105644		1		Jefferies Finance LLC	DE	NIA	Company	Ownership	50.000	MMLIC	1	11
		1				Apex Credit Partners LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		T
0000		1	1			Apex Credit CLO 2017-II Ltd.		NIA	Jefferies Finance LLC	Ownership.	100.000	MMLIC		1
0000						JFIN Fund III LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000			-			JFIN Asset Management LLC	DE	NIA	Jefferies Finance LLC	Ownership.	100.000	MMI IC		1
0000						JFAM GP LLC	DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		1
0000		1	1			JFAM GP LP	. DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		1
0000						JFAM Loan Fund. LP	DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		1
0000						JFIN Co-Issuer Corporation	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000			-			JFIN Europe GP, S.a.r.I.	LUX	NIA	Jefferies Finance LLC	Owner ship	100.000	MMLIC		1
0000			-			Jefferies Finance Europe, SCSp	LUX	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
			-									MMLIC		
			-			Jefferies Finance Business Credit LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000			-			JFIN Business Credit Fund   LLC	. DE	NI A	Jefferies Finance LLC	Ownership	100.000			·
0000			-			JFIN High Yield Investments LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	- MMLIC		·
			-			JFIN LC Fund LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	. MMLIC		·
0000						JFIN Revolver CLO Holdings LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		

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# **SCHEDULE Y**

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											(Ownership,	is		ls an	
						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							JFIN CLO 2007 Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2012 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2013 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2014 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	70.000	MMLIC		
0000							JFIN CLO 2014 Ltd	CYM	NI A	Apex Credit Partners LLC	Ownership	30.000	MMLIC		
0000							JFIN CLO 2014-II Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN MM CLO 2014 Ltd	CYM	NIA NIA	Jefferies Finance LLC	Ownership	44.000	MMLIC		
0000							JFIN CLO 2015 Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership	56.000	MMLIC		
0000		-					Apex Credit CLO 2015-II Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership.	33.000	MMLIC		
0000							Apex Credit CLO 2015-II Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership.	53.000	MMLIC		
0000							JFIN Revolver CLO Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2014 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2015 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2015-II Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2017 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2017-II Ltd.	CYM	NI A NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							Apex Credit CLO 2016 Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
							Apex credit old 2017 Ltd	VTWL	NI A	Massachusetts Mutual Life Insurance	. Owner Strip	100.000	MMLIC		
0000			04-1590850				MassMutual Retirement Services, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
			1000000 ::				massimataar riotti siiorit sorvisco, EES			Massachusetts Mutual Life Insurance	omior on p	100.000			
0000			04-3356880		0000943903		MML Distributors LLC	MA	DS	Company	Ownership	99.000	MMLIC		
0000			04-3356880		0000943903		MML Distributors LLC	MA	DS	MassMutual Holding LLC	Ownership	1.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000							MML Investment Advisers, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
0000			04-1590850				MML Mezzanine Investor, LLC	DE	DS	Massachusetts Mutual Life Insurance Company	Ownership	100,000	MMLIC		
			. 04-1090600				NML Mezzamme investor, LLC	VE		Massachusetts Mutual Life Insurance	. Owner Strip	100.000	MMLIC		
0000			46-3238013				MML Strategic Distributors, LLC	DE	DS	Company	Ownership	100,000	MMLIC		
			10 0200010				mine ottatogro biotributoro, ello			Massachusetts Mutual Life Insurance	omici diri p		IIIIE10		
0000			06-1563535	2881445	0001103653		The MassMutual Trust Company, FSB	CT	DS	Company	Ownership	100.000	MMLIC	ΥΥ	J
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MMC Equipment Finance LLC	DE	DS	Company	Ownership	100.000	MMLIC		
0000			. 26-0073611				MassMutual Asset Finance LLC	DE	DS	MMC Equipment Finance LLC	Ownership	99.600	MMLIC		
0000			26-0073611	-	-		MassMutual Asset Finance LLC	DE	DS	C.M. Life Insurance Company	Ownership	0.400	MMLIC		
0000			. 27-1379258 45-2589019				MMAF Equipment Finance LLC 2009-A	DE	DS DS.	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
0000		-	40-2069019	1			MML Private Placement Investment Company I,	UE	b	Massachusetts Mutual Life Insurance	owner strip	100.000	MMLIU		
0000			04-1590850				LLC	DE	DS.	Company	Ownership	100.000	MMLIC	1	
			1000000							Massachusetts Mutual Life Insurance	omior on p	100.000			
0000			04-1590850		0000067160		MML Private Equity Fund Investor LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			04-1590850				MM Private Equity Intercontinental LLC	DE	NI A	MML Private Equity Fund Investor LLC	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-2738137				Pioneers Gate LLC	DE	DS	Company	Ownership	100.000	MMLIC		
0000			45-4376777				MSC Holding Company, LLC	DE	DS	Massachusetts Mutual Life Insurance	Ownership	100,000	MMLIC	v	
0000			. 45-43/6/// 04-3341767				MassMutual Holding MSC. Inc.	UE	DS DS	Company MSC Holding Company, LLC	Ownership	100.000	MMLIC	····   <sup>1</sup>	
0000				1			massmatual horarity moo, IIIC.			Massachusetts Mutual Life Insurance	omici sitip		mmLIV		
0000			04-2854319	2392316			MassMutual Holding LLC	DE	DS.	Company	Ownership	100.000	MML1C	ү	l
0000			06-1597528				MassMutual Assignment Company	NC	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			37-1732913				Fern Street LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			62-0951563	. 1160004	0001259664		First Mercantile Trust Company	TN	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			46-2252944				Haven Life Insurance Agency, LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MML1C		I

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											Type	lf			
											of Control	Control			
											(Ownership,	is		ls an	
						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			04-1590850		0001399869		MassMutual Capital Partners LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			47-1296410 04-1590850				MassMutual Ventures LLC	DE	DS DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			47-1466022				Society of Grownups, LLC	MA	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1590850		0000701059		MML Investors Services, LLC	MA	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1590850				MML Insurance Agency, LLC	MA	DS	MML Investors Services, LLC	Ownership	100.000	MMLIC		
0000			41-2011634		0001456663		MMLISI Financial Alliances, LLC	DE	DS	MML Investors Services, LLC	Ownership	100.000	MMLIC		
0000			45-4000072				MM Asset Management Holding LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			51-0504477		0000009015		Barings LLC	DE	DS	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		·
0000			00 0504074				Baring Asset Management (Asia) Holdings Limited	_HKG	DS	D	0	100,000	MMLIC		
0000			98-0524271				Baring International Fund Managers (Bermuda)	nr.u	DS	Barings LLC	Ownership	100.000	MMLTC		
0000			98-0457465				Limited	BMU	DS	Limited	Ownership	100.000	MMLIC		
0000			30-0437403				Limited	DWO		Baring Asset Management (Asia) Holdings	Owner Sirrp		I IIIILIO		
0000			98-0457463				Baring Asset Management (Asia) Limited	HKG	DS	Limited	Ownership	100.000	MMLIC		
0000							Baring Asset Management Korea Limited	KOR	DS	Baring Asset Management (Asia) Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings					
0000			98-0457707				Baring SICE (Taiwan) Limited	TWN	DS	Limited	Ownership	100.000	MMLIC		
0000			00 0000440				B . A . H . A / I . M	IDAI	D0	Baring Asset Management (Asia) Holdings		400 000	188 10		
0000			98-0236449				Baring Asset Management (Japan) Limited Baring Asset Management (Australia) Ptv	JPN	DS	Limited	Ownership	100.000	MMLIC		
0000			98-0457456				Limited	AUS	DS	Limited	Ownership.	100.000	MMLIC		
0000			30-0437430				Barings Investment Advisors (Hong Kong)			Baring Asset Management (Asia) Holdings	owner sirrp		I IIIILIO		
0000							Limited	HKG	DS	Limited	Ownership	100.000	MMLIC		
0000			80-0875475				Barings Finance LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							BCF Europe Funding Limited	IRL	DS	Barings Finance LLC	Ownership	100.000	MMLIC		
0000							BCF Senior Funding   LLC	DE	DS	Barings Finance LLC	Ownership	100.000	MMLIC		
0000							BCF Senior Funding   Designated Activity	ID.	D0	B : 5: 110		400 000	188 10		
0000			04-3238351		0000930012		Company	IRL DE	DS DS	Barings Finance LLC	Ownership	100.000	MMLIC		
0000			98-0437588		0000930012		Barings Guernsey Limited	GGY	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			98-0432153				Barings (U.K.) Limited	GBR	DS	Barings Guernsey Limited	Ownership	100.000	MMLIC		
0000							Barings Europe Limited	GBR	DS.	Barings Guernsey Limited	Ownership.	100.000	MMLIC		
0000							Barings GPC GP S.à. r.I	LUX	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Barings Investment Fund (LUX) GP S.à. r.I	LUX	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000		-					Almack Mezzanine GP III Limited	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		ļ
0000							Almack Holding Partnership GP Limited	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000		-					Almack Mezzanine Fund Limited	GBR	DS	Barings (U.K.) Limitied Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000		-	98-1012393				Barings Global Advisors Limited	GBR	DS	Barings (U.K.) Limitled	Ownership	100.000	MMLIC		
0000							BCGSS 2 GP LLP	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Babson European Direct Lending 1 GP LLP	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Barings Advisers (Japan) KK	JPN	DS	Barings LLC	Ownership	100.000	MMLIC		
0000		-					Barings Multifamily Capital Holdings LLC	DE	DS	Barings LLC	Ownership	100.000	- MMLIC		
0000							Barings Multifamily Capital LLC	MI	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-3238351	3456895	0001011148		Barings Multifamily Capital Corporation	DE	DS DS	Barings LLCBarings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000			04-3230331	3430093	0001011146		Barings Real Estate Advisers Inc Barings Real Estate Advisers Japan KK	CA JPN	DS DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000		-					Barings Real Estate MCVIsers Japan M	DE	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000							BREAE AIFM LLP	GBR	DS	Barings Real Estate Advisers LLC	Ownership.	100.000	MMLIC		
		1					Barings Real Estate Advisers (Continental						1		
0000			98-0654401				Europe) Limited	GBR	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000			98-0654388				Barings Real Estate Advisers Europe LLP	GBR	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		

# SCHEDULE Y

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											Type	If			
											of Control	Control			
											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC					Names of		- 1-					9	
0			ID	F11		if Publicly Traded	Names of	ciliary	to	Diversity Operatorally of here	Attorney-in-Fact,	Provide	Lillation and Communities of	Re-	
Group	O No	Company		Federal RSSD	Olle	(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)	
							Barings Real Estate Advisers Europe Finance					400 000			
0000			98-0654412				LLP	GBR	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000			98-1194368				Barings Real Estate Advisers GmbH	DEU	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000			04-1590850	2363071	0000932463		MassMutual Baring Holding LLC	DE	DS DS	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		
0000			98-0241935	_ 23630/1	. 0000932463		Baring North America LLC	MA BMU		MassMutual Baring Holding LLC	Ownership	100.000	MMLIC		
0000			98-0241935				MassMutual Holdings (Bermuda) Limited	BWU	DSDS.	MassMutual Baring Holding LLC	Ownership	100.000	MMLIC		
0000			98-0457328		0001568131		Baring Asset Management Limited	GBR	DS	MassMutual Holdings (Bermuda) Limited Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000			90-043/320		0001306131		Baring International Investment Limited Baring International Investment Management	ubn	Do	baring Asset Management Limited	Owner Strip		NIMETO		
0000			98-0457587				Holdings	GBR	DS	Baring Asset Management Limited	Ownership.	100.000	MMLIC		
0000			90-0437307				norumgs	ubn		Baring International Investment Management	Owner Sirrp		. MMLIC		
0000			98-0457576				Baring Asset Management UK Holdings Limited .	GBR	DS	Holdings	Ownership.	100.000	MMLIC		
0000			90-0437370				barring Asset Management on nordings Elimited .	ubn		Baring Asset Management UK Holdings Limited	Owner Sirrp		. MMLIC		
0000			98-0465031				Baring Asset Management GmbH	DEU	DS.	baring Asset Management on Hordings Emilited	Ownership.	100.000	MMLIC		
0000			30-0403031				Baring International Fund Managers (Ireland)	DLU		Baring Asset Management UK Holdings Limited	Owner Sirrp	100.000	. mmL10		
0000			98-0524272				Limited	IRL	DS	barring Asset management on norunings Limited	Ownership.	100.000	MMLIC		
0000			30-0324212				Limited			Baring Asset Management UK Holdings Limited	Owner Sirrp	100.000	. mmL10		
0000							Baring Asset Management Switzerland Sàrl	CHE	DS	Dailing Asset management on noturings Elimited	Ownership	100.000	MMLIC		
0000							Darring Asset management owntzerrand oarr			Baring Asset Management UK Holdings Limited	owner simp		I IIIIL I O		
0000			98-0497550				Baring France SAS	FRA	DS	Darring Asset management on norumgs Emirited	Ownership.	100.000	MMLIC		
0000			98-0457586				Baring Fund Managers Limited	GBR	DS.	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000			98-0457574				Baring Pension Trustees Limited	GBR	DS.	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000			98-0457578				Baring Investment Services Limited	GBR	DS.	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Barings Australia Holding Company Pty Ltd	AUS	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			98-0457456				Barings Australia Pty Ltd	AUS	DS.	Baring Australia Holding Company Pty Ltd	Ownership	100.000	MMLIC		
0000			47-2642354				Alchemy Copyrights, LLC.	DE	NIA	MassMutual Holding LLC	Ownership/Influence	5.300	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			47-2642354				Alchemy Copyrights, LLC.	DE	NI A	Company	Ownership	0.000	MMLIC		
0000			47-2642354				Alchemy Copyrights, LLC.	DE	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			81-2244465				Chassis Acquisition Holding LLC	DE	NI A	Company	Ownership/Influence	30.000	. MMLIC		
0000			81-2244465				Chassis Acquisition Holding LLC	DE	NI A	Barings LLC	Influence		MMLIC		
			1		I					Massachusetts Mutual Life Insurance					
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Company	Ownership/Influence	40.000	MMLIC		
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Barings LLC	Influence		MMLIC		
0000		-	47-3055009	-			Milestone Acquisition Holding, LLC	DE	NI A	MassMutual Holding LLC	Ownership/Influence	18.300	_ MMLIC		
										Massachusetts Mutual Life Insurance					
0000		-	47-3055009	-			Milestone Acquisition Holding, LLC	DE	NI A	Company	Ownership	0.000	MMLIC		
0000		-	47-3055009		l		Milestone Acquisition Holding, LLC	DE	NI A	Barings LLC	Influence		MMLIC		
					I					Massachusetts Mutual Life Insurance		45	I		
0000		-	46-5460309				Red Lake Ventures, LLC	DE	NI A	Company	Ownership/Influence	15.800	MMLIC		
0000			46-5460309	-			Red Lake Ventures, LLC	DE	NI A	Barings LLC	Influence		MMLIC		
			0.4.4005070							Massachusetts Mutual Life Insurance					
0000			81-4065378	-			Remington L & W Holdings LLC	CT	NI A	Company	Ownership/Influence	66.300	- MMLIC		
0000			81-4065378				Remington L & W Holdings LLC	CT	NI A	Barings LLC	Influence	<del>-</del>	MMLIC		
0000			40 0400440				O To Heldings 4, 110	DE	AU. A	Massachusetts Mutual Life Insurance	0	10 100	MH 10		
0000			46-3123110				Sweet Tree Holdings 1, LLC	DE	NI A	Company	Ownership/Influence	16 . 100	MMLIC		
0000		-	46-3123110				Sweet Tree Holdings 1, LLC	UE	NI A	Barings LLC	Influence	····· <del> </del>	MMLIC		
0000		1	l				Tamiami Citava IIC	DE	NII A		O-marahi-	15 700	MARILO		
0000		-					Tamiami Citrus, LLC Teaktree Acquisition, LLC	DE	NI A NI A	Company	Ownership	15.700	MMLIC		
0000		-					Teaktree Acquisition, LLC	DE	NIA NIA	Barings LLC	Influence	14.700	MMLIC		
0000		-					Teaktree Acquisition, LLC	UE	IN1 A	Massachusetts Mutual Life Insurance	ini idence	· <del> </del>	MIMLIO		
0000							U.S. Buyer Broadcasting, LLC	DE	NI A		Ownership/Influence	12.700	MMLIC		
0000							U.S. Duyer Broadcasting, LLC	UE	NI A	Company	owner sittp/intituence	12./00	. MMLIU		

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	_					•					Type	If			
											of Control	Control			
											(Ownership,	is		ls an	
						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			ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Group Code	Group Name	Company Code	Number	RSSD	CIK	International)	Or Affiliates	tion		Directly Controlled by (Name of Entity/Person)	Other)		Entity(ies)/Person(s)	(Y/N)	*
0000	Group Name	Code	Number	กออบ	CIN	miemational)		DE	Entity NIA	Barings LLC	Influence	tage	MMLIC	(1/IN)	
0000			46-1500495				U.S. Buyer Broadcasting, LLC	DE	NIA NIA	MassMutual Holding LLC	Ownership/Influence	11.700	MMLIC		
0000			46-1500495				U.S. WIG Holdings, LP	DE	NIA	Barings LLC	Influence	11.700	MMLIC		
0000			46-0687392				US Pharmaceutical Holdings I, LLC	DE	NIA	Wood Creek Capital Management LLC	Management		MMLIC		
0000		-	40-000/332				oo mamaceutical nordings 1, LLC			Massachusetts Mutual Life Insurance	management		MINILIO		
0000			20-2970495				US Pharmaceutical Holdings II, LLC	DE	NIA	Company	Ownership/Influence	32,600	MMLIC		
0000		-	20-2970495				US Pharmaceutical Holdings II, LLC	DE	NIA	Barings LLC	Influence		MMLIC		
			2010100				or managed roar noranige ir, 220			Massachusetts Mutual Life Insurance					
0000							Solar Acquisition Holding, LLC	DE	NIA	Company	Ownership/Influence	39.200	MMLIC		
0000							Solar Acquisition Holding, LLC	DE	NI A	Barings LLC	Management		MMLIC		
0000		.			.		VGS Acquisition Holding, LLC	DE	NI A	MassMutual Holding LLC	Ownership/Influence	33.300	MMLIC		<u> </u>
0000							VGS Acquisition Holding, LLC	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance				1	
0000							Wood Creek Aircraft Holding I, LP	CYM	NI A	Company	Ownership	12.100	MMLIC		
0000							Wood Creek Aircraft Holding I, LP	CYM	NI A	Wood Creek Capital Management LLC	Management		MMLIC		
0000							Baring Asset-Based Income Fund (US) GP, LLC _	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
							Babson Capital Floating Rate Income Fund								
0000			. 04-1590850		. 0001501011		Management, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Babson Global Loan Feeder Management, LLC	DE	DS DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings CLO Investment Partners GP, LLC Barings Global Energy Infrastructure	DE		Barings LLC	Ownership	100.000	MMLIC		
0000							Advisors, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings North American Private Loan Fund	VE		barings LLC	Owner Strip	100.000	MMLIC		
0000							Management, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings TERO Management LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000		-	98-0536233				Benton Street Advisors. Inc.	CYM	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Great Lakes III GP, LLC	DE	DS	Barings LLC	Ownership.	100.000	MMLIC		
0000							Lake Jackson LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Loan Strategies Management LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Mezzco LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			. 02-0767001				Mezzco II LLC	DE	DS	Barings LLC	Ownership	98.400	MMLIC		
0000			41-2280126				Mezzco III LLC	DE	DS	Barings LLC	Ownership	99.300	MMLIC		
0000			80-0920285				Mezzco IV LLC	DE	DS	Barings LLC	Ownership	99.300	MMLIC		
0000			90-0666326				Mezzco Australia LLC	DE	DS	Barings LLC	Ownership	72.000	MMLIC		
0000							Mezzco Australia II LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04 1500050	1			Somerset Special Opportunities Management LL(		DO	Paringa II C	O	100.000	MMLIC		
0000			. 04-1590850 84-1149206	2897101			C	DE	DS DS	Barings LLC MassMutual Asset Management Holding LLC	Ownership	97.000	MMLIC		
0000			. 13-2527171	2679183	0000820031		Oppenheimer Acquisition Corp.	CO	DS	Oppenheimer Acquisition Corp.	Ownership	97.000	MMLIC		·
0000		-	13-2953455	_ 20/8/00	. 0000820031		OppenheimerFunds, Inc.	NY	DS DS	OppenheimerFunds, Inc.	Owner Strip	100.000	MMLIC		
0000		-	84-1106295	1	10002/0041		Oppenheimer Real Asset Management, Inc.	DE	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		1
0000			13-4160541	3458125	0001179479		OFI Global Institutional, Inc.	NY	DS	OppenheimerFunds, Inc.	Owner ship	100.000	MMLIC		1
0000		1	22-2697140		30011/04/0		HarbourView Asset Management Corporation	NY	DS	OFI Institutional Asset Management, Inc.	Ownership.	100.000	MMLIC		1
0000			13-3459790	2914875			OFI Global Trust Company	NY	DS.	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000							OFI International, Ltd.	GBR	DS	OFI Institutional Asset Management, Inc	Ownership.	100.000	MMLIC		
0000							SNW Asset Management Corporation	DE	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000			60-2233720				Seattle Northwest Asset Management LLC	WA	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000			25-1951632		0000099782		Trinity Investment Management Corporation	PA	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000			84-1128397		0000857468		OFI SteelPath, Inc.	DE	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			84-1066811		0000276398		Shareholder Services, Inc.	CO	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000							VTL Associates , LLC	PA	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000							Index Management Solutions, LLC	PA	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		-l
0000			84-0765063		0001041674		OFI Global Asset Management, Inc.	DE	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			91-2036414		. 0001179480		OFI Private Investments Inc.	NY	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		

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				PA	ART 1	A - DETAI	L OF INSURANC	E	HOLD	ING COMPAN	Y SYSTEM				
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											of Control	Control			
									5		(Ownership,	is		ls an	
						Name of Securities		Dami	Relation-		Board,	Owner-		SCA Filing	
		NAIC				Exchange	Names of	Domi-	ship		Management,	ship		9	
Group		Company	ID	Federal		if Publicly Traded (U.S. or	Names of Parent, Subsidiaries	ciliary Loca-	to Reporting	Directly Controlled by	Attorney-in-Fact, Influence,	Provide Percen-	Ultimate Controlling	Re- 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	aroup Marrie	Outc	62-1210532	HOOD	Oiix	international	Tremont Group Holdings, LLC	NY	DS	Oppenheimer Acquisition Corp.	Ownership	100.000	MMLIC	(1/14)	
0000			06-1121864		0000764139		Tremont Partners, LLC	CT	DS	Tremont Group Holdings, Inc.	Ownership	100.000	MMLIC		
0000			20-8215352				Tremont GP, LLC	DE	DS	Tremont Group Holdings, Inc.	Ownership	100.000	MMLIC		
0000			90-0874510				Settlement Agent, LLC	DE	DS	Tremont GP	Ownership	100.000	MMLIC		
0000							Tremont (Bermuda) Limited	BMU	DS	Tremont Group Holdings, Inc.	Ownership	100.000	MMLIC		
0000			04-3313782				MassMutual International LLC	DE	DS	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC	v	
0000			04 00 107 02				MassMutual Asia Limited	HKG	DS.	MassMutual International LLC	Ownership	100.000	MMLIC		
0000							MassMutual Asia Investors Ltd.	_HKG	DS.	MassMutual Asia Limited	Ownership.	100.000	MMLIC		
0000							MassMutual Guardian Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		
0000							MassMutual Insurance Consultants Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		
0000							MassMutual Services Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		
0000			98-0610331				MassMutual Trustees Limited Protective Capital (International) Limited	HKG	DS	MassMutual Asia Limited MassMutual Asia Limited	Ownership	80.000	MMLIC		
0000			98-1033127				MassMutual Internacional (Chile) SpA	CHL	DS	MassMutual International LLC	Ownership	100.000	MMLIC		
0000			00 1000121 :::				MassMutual Life Insurance Company	JPN	DS.	MassMutual International LLC	Ownership.	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-2443240				MML Management Corporation	MA	DS	Company	Ownership	100.000	MMLIC	Y	
0000			04-3548444				MassMutual International Holding MSC, Inc	MA	DS	MML Management Corporation	Ownership	100.000	MMLIC		
0000			04 4500050					DE	20	Massachusetts Mutual Life Insurance		400.000	188 10		
0000			04-1590850				MML Mezzanine Investor II, LLC	UE	DS	Company Massachusetts Mutual Life Insurance	Ownership	100.000			
0000			04-1590850				MML Mezzanine Investor III, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
			01 1000000 :::							Massachusetts Mutual Life Insurance	omor on p	100.000			
0000			27-3576835				MassMutual External Benefits Group LLC	DE	DS	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-8730751				Cornerstone Global REIT Corporation	DE	DS	Company	Ownership	100.000	MMLIC		
0000			04-1590850				100 01 011 11.0	DE	NI A	Massachusetts Mutual Life Insurance	0	100.000	MMLIC		
0000			04-1090800				100 w. 3rd Street LLC	UE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
0000			82-2432216				300 South Tryon Hotel LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				300 South Tryon LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-3887968				54 West Capital LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000							Almack Mezzanine Fund I LP	GBR	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	41.300	MMLIC		
0000							Almack Mezzanine Fund I LP	GBR	NIA	C.M. Life Insurance Company	Ownership	4.600	MMLIC		
0000							Almack Mezzanine Fund   LP	GBR	NI A.	Barings (U.K.) Limitied	Management.		MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NI A	Company	Ownership/Influence	72.600	MMLIC		
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NI A	Barings (U.K.) Limitied	Management		MMLIC		
0000							Almack Mezzanine Fund III LP	GBR	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	34.000	MML1C		
0000							Almack Mezzanine Fund III LP	GBR	NIA	C.M. Life Insurance Company	Ownership	3.800	MMLIC		
0000							Almack Mezzanine Fund III LP	GBR	NIA	Barings (U.K.) Limitied	Management		MMLIC		1
							Barings Emerging Markets Corporate Bond Fund			Massachusetts Mutual Life Insurance			-		1
0000								IRL	NI A	Company	Ownership/Influence	96.800			ļ
l					1		Barings Emerging Markets Corporate Bond Fund			<u></u>	I				
0000		-						IRL	NI A	Barings LLC	Management		MMLIC		
0000					1		Parings Emerging Markets Legal Dobt Fund	IRL	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	18,100	MMLIC		
0000							Barings Emerging Markets Local Debt Fund Barings Emerging Markets Local Debt Fund	IRL	NIA	Barings LLC		10.100	MMLIC		
							Dai mgs Linerymy markers Local Debt Fund	I NL	NIV	Dai Higo LLU	manayellerit				

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						Name of Securities			Relation-		Board,	Owner-		SCA	l .
						Exchange		Domi-	ship		Management,	ship		Filing	l ,
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	l .
Group	<u> </u>	Company	. ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	l
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							Barings Global Special Situations Credit Fund	IRL	NIA	Massachusetts Mutual Life Insurance	Ownership/Influence	100,000	MMLIC		l ,
0000							Barings Global Special Situations Credit Fund	IHL	NI A	Company	. Ownership/influence	100.000	MMLIC		
0000							1	IRL	NIA	Barings LLC	Management		MML IC		l .
							Babson Capital Global Special Situation			Massachusetts Mutual Life Insurance	managonori C.		mmE10		
0000			98-1206017				Credit Fund 2	DE	NI A	Company	Ownership/Influence	23.500	MMLIC		
							Babson Capital Global Special Situation								l .
0000			98-1206017				Credit Fund 2	DE	NI A	C.M. Life Insurance Company	Ownership	1.500	MMLIC		
0000			00 4000047				Babson Capital Global Special Situation	DE		B : 110	l., .		188.10		l .
0000			98-1206017				Credit Fund 2	DE	NI A	Barings LLC	Management		MMLIC		
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Company	Ownership/Influence	79.200	MMLIC		l .
0000			37-1506417			***************************************	Babson Capital Loan Strategies Fund, L.P	DE	NIA	C.M. Life Insurance Company	Ownership	3.800	MMLIC		
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Barings US High Yield Bond Fund	IRL	NI A	Company	Ownership/Influence	46.300	MMLIC		
0000							Barings US High Yield Bond Fund	IRL	NI A	C.M. Life Insurance Company	Ownership	6.100	MMLIC		
0000							Barings US High Yield Bond Fund	IRL	NI A	Barings LLC	Management	·	MMLIC		
0000							Babson CLO Ltd. 2012-II	CYM	NI A	Barings LLC	Influence		MMLIC		·····
0000			98-1128827				Babson CLO Ltd. 2013-1	CYM	NIA	Barings LLC	Influence	<del>-</del>	MMLIC		4
0000			98-1128827				Babson CL0 Ltd. 2013-II	CYM	NIA	Barings LLC	Influence		MMLIC		
0000							Babson CLO Ltd. 2014-1	CYM	NIA	Barings LLC	Influence	<del></del>	MMLIC		6
0000							Babson CLO Ltd. 2014-11	CYM	NIA	Barings LLC	Influence		MMLIC		
0000							Babson CLO Ltd. 2015-I	CYM	NIA	Barings LLC	Influence		MMLIC		7
0000							Babson CLO Ltd. 2015-II	CYM	NIA	Barings LLC	Influence		MMLIC		8
0000							Babson CLO Ltd. 2016-I	CYM	NI A	Barings LLC	Influence	<del></del>	MMLIC		
0000							Babson CLO Ltd. 2016-II	CYM	NI A	Barings LLC	Influence		MMLIC		
0000							Babson CLO Ltd. 2017-I	CYM	NI A	Barings LLC	Influence	<del>-</del>	MMLIC		
0000							Babson Euro CLO 2014-I BV	NLD	NIA	Barings LLC	Influence	<del>-</del>	MMLIC		·
0000							Babson Euro CLO 2014-II BV	NLD	NIA	Barings LLC	Influence	<del></del>	MMLIC		
0000							Babson Euro CLO 2016-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
0000							Dauson Luro GLO 2010-1 DV		NI /	Massachusetts Mutual Life Insurance			I MIMILTO		
0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Company	Ownership/Influence	99.300	MMLIC		
0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Barings LLC	Management		MMLIC		
				I	1		Barings Real Estate European Value Add I SCSp			Massachusetts Mutual Life Insurance					
000Q								GBR	NI A	Company	Ownership/Influence	90.000	MMLIC		
							Barings Real Estate European Value Add I SCSp								
0000								GBR	NI A	C.M. Life Insurance Company	Ownership	10.000	MMLIC		·
0000							Barings Real Estate European Value Add I SCSp	GBR	NIA	B : 110	l., .		MMLIC		
0000								DBH	NI A	Barings LLC Massachusetts Mutual Life Insurance	Management		MML10		I
0000			11-3789446	I	1		Baring Focused EAFE Equity Fund	DE	NIA	Company	Ownership/Influence	43.200	MMLIC		
0000			11-3789446				Baring Focused EAFE Equity Fund	DE	NIA	Baring Asset Management Limited	Management		MMLIC		
0000			30-0607379		0001497049		Baring Global Dynamic Asset Allocation Fund .	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
							Barings Global Energy Infrastructure Fund I			Massachusetts Mutual Life Insurance					
0000			98-1332384				LP	CYM	NI A	Company	Ownership/Influence	97.900	MMLIC		
				1	1		Barings Global Energy Infrastructure Fund I								
0000			98-1332384				LP	CYM	NI A	Baring Asset Management Limited	Management	<del> </del>	MMLIC		ļ
0000				I	1			LIE		Massachusetts Mutual Life Insurance	l	40.000	144 10		
0000							Barings Global Private Loan Fund	LUX	NI A	Company	Ownership/Influence	16.200	MMLIC		
0000							Barings Global Private Loan Fund	LUX	NIA	Barings LLC	Management		MMLIC		

# **SCHEDULE Y**

				T P		A - DETAI	IL OF INSURANC	,C I	JOLU	ING COMPAINT	SISIEIVI				
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											(Ownership,	is		ls an	1 1
						Name of Securities			Relation-		Board,	Owner-		SCA	1 1
						Exchange		Domi-	ship		Management,	ship		Filina	1 1
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	1 1
Group		Company	ID	Federal		(U.S. or	Parent. Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence.	Percen-	Ultimate Controlling	quired?	1 1
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	areap riame	0000		1.002	- U.I.	international)	0.7a.co		2	Massachusetts Mutual Life Insurance	0	lage		(1,11)	
0000			38-4010344				Barings North American Private Loan Fund LP .	DE	NIA	Company	Ownership/Influence	78.400	MMLIC		1
0000			38-4010344				Barings North American Private Loan Fund LP	DE	NIA	Baring Asset Management Limited	Management		MMLIC		
							Barings Real Estate Credit Strategies VII LP			Massachusetts Mutual Life Insurance					1
0000			98-1332384					DE	NIA	Company	Ownership/Influence	42.600	MMLIC		
							Barings Real Estate Credit Strategies VII LP								1
0000			98-1332384					DE	NI A	Baring Asset Management Limited	Management	· <del> </del>	MMLIC		
0000			26-4142796				Daving International Chall Con Fruity Fund	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	64.300	MMLIC		1 1
0000			26-4142796				Baring International Small Cap Equity Fund Baring International Small Cap Equity Fund	DE	NIA	Baring Asset Management Limited	Management	04.300	MMLIC		
0000			98-0536233				Benton Street Partners I, L.P.	CYM	NIA	MassMutual Capital Partners LLC	Ownership/Influence	99.100	MMLIC		
0000			98-0536233				Benton Street Partners I. L.P.	CYM	NIA	Barings LLC	Management		MMLIC		
0000		-	98-0536233				Benton Street Partners I, L.P.	CYM	NIA	C.M. Life Insurance Company	Ownership	0.100	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			98-0536233				Benton Street Partners I, L.P.	CYM	NI A	Company	Ownership	0.400	MMLIC		
							·			Massachusetts Mutual Life Insurance	·				1
0000			98-0536199				Benton Street Partners II, L.P.	CYM	NI A	Company	Ownership/Influence	28.600	MMLIC		3
0000			98-0536199				Benton Street Partners II, L.P.	CYM	NI A	MassMutual Capital Partners LLC	Ownership	10.400	MMLIC		
0000			. 98-0536199				Benton Street Partners II, L.P.	CYM	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					1 1
0000							Braemar Energy Ventures I, L.P.	DE	NI A	Company	Ownership/Influence	89.300	MMLIC		
0000							Braemar Energy Ventures I, L.P.	DE	NIA	C.M. Life Insurance Company	Ownership	1.300	MMLIC		
0000							Braemar Energy Ventures I, L.P Barings European Core Property Fund SCSp	DE LUX	NI A NI A	Barings LLC MassMutual Holding LLC	ManagementOwnership/Influence	39.400	MMLIC		
0000							Barings European Core Property Fund SCSp	LUX	NIA	C.M. Life Insurance Company	Ownership	2.500	MMLIC		
0000							Barings European Core Property Fund SCSp	LUX	NIA	Barings Real Estate Advisers LLC	Management	2.300	MMLIC		
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture I LP	DE	NIA	MassMutual Holding LLC	Ownership/Influence	50.000	MMLIC		
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture I LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance	, and the second				1
0000			45-3751572		0001534877		Cornerstone Enhanced Mortgage Fund   LP	DE	NI A	Company	Ownership/Influence	15.500	MMLIC		
0000			. 45–3751572		0001534877		Cornerstone Enhanced Mortgage Fund I LP	DE	NI A	Barings Real Estate Advisers LLC Massachusetts Mutual Life Insurance	Management		MMLIC		
0000			. 20-8730751				Cornerstone Global Real Estate LP	DE	NI A	Company	Ownership/Influence	92.300	MMLIC		
0000			20-8730751				Cornerstone Global Real Estate LP	DE	NI A	C.M. Life Insurance Company	Ownership	7.600	MMLIC		ļ
0000		-	. 20-8730751				Cornerstone Global Real Estate LP	DE	NI A	Barings Real Estate Advisers LLC Massachusetts Mutual Life Insurance	Management		MMLIC		·
0000			. 36-4770946		0001590049		Cornerstone High Yield Venture LP	DE	NI A	Company	Ownership/Influence	50.000	MMLIC		
0000		-	36-4770946		. 0001590049		Cornerstone High Yield Venture LP	DE	NI A	Barings Real Estate Advisers LLC	Management	40.000	MMLIC		
0000			. 20-5578089				Barings Core Property Fund LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence	10.800	MMLIC		
0000		-	. 20-5578089				Barings Core Property Fund LP		NIA	Barings Real Estate Advisers LLC Massachusetts Mutual Life Insurance	Management		MMLIC		·
0000		-	27-0547156				Cornerstone Real Estate Fund VIII LP	DE	NI A	Company	Ownership/Influence	7.100	MMLIC		
0000			27-0547156				Cornerstone Real Estate Fund VIII LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
0000		1	46-5432619	1			Cornerstone Real Estate Fund X LP	DE	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	24.700	MMLIC		
0000			. 46-5432619 46-5432619				Cornerstone Real Estate Fund X LP	DE	NIA	Company	Ownership/Influence	2.800	MMLIC		
0000		-	46-5432619				Cornerstone Real Estate Fund X LP	DE	NIA	Barings Real Estate Advisers LLC	Ownership	2.800	IMMLIC		
0000		-	- 40-0402019				COTHELSTONE HEAT ESTATE FUND A LF	UE	NI M	Massachusetts Mutual Life Insurance	manayonent	· <del> -</del>	MINILIO		
0000		1	46-5437441	1			Barings/LAZ Parking Fund LP	DE	NI A	Company	Ownership/Influence	99.300	MMLIC		
0000			46-5437441				Barings/LAZ Parking Fund LP	DE	NIA	Barings Real Estate Advisers LLC	Management		MMLIC		
0000			1.5 010/17/1.5	3981641			Duchess VI CLO B.V.	GBR	NIA	Barings LLC	Influence		MMLIC		
0000				4007502			Duchess VII CLO B.V.	GBR	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			20-3887968				E-Wise Land Venture LLC	DE	NI A	Company	Ownership	100.000	MMLIC		l

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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					
0000			. 80-0691253		0001517196		Gateway Mezzanine Partners I, L.P.	DE	NI A	Company	Ownership/Influence	71.200	. MMLIC		
0000			80-0691253		0001517196		Gateway Mezzanine Partners I, L.P.	DE	NI A	C.M. Life Insurance Company	Ownership	7.700	MMLIC		
0000			80-0691253		0001517196		Gateway Mezzanine Partners I, L.P.	UE	NI A	Barings LLC Massachusetts Mutual Life Insurance	Management		MMLIC		
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LP	DE	NI A	Company	Ownership/Influence	42,600	MMLIC		
0000		-	90-0991195		0001597511		Gateway Mezzanine Partners II LP	DE	NIA	C.M. Life Insurance Company	Ownership.	5.500	MMLIC		
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LP	DE	NI A	Barings LLC	Management		MMLIC		
							,			Massachusetts Mutual Life Insurance					
0000			. 37-1708623		0001565779		Great Lakes III, L.P.	DE	NI A	Company	Ownership/Influence	35.400	. MMLIC		
0000			37-1708623		0001565779		Great Lakes III, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 04–1590850				Gillem GA Industrial LLC	DE	NI A	Company	Ownership	100.000	- MMLIC		
0000			. 38-4041011				JPMCC Commercial Mortgage Securities Trust 2017-JP7	NY	NIA	Barings LLC	Management		MMLIC		
0000			. 30-404 10 11				JPMDB Commercial Mortgage Securities Trust	INT	NI A	Darrings LLC	management		MMLIG		
0000			38-4032059				2017-C5	NY	NIA	Barings LLC	Management		MMLIC		
			100 1002000				2017 00			Massachusetts Mutual Life Insurance	managomorr		mine 10		
0000			20-3887968				Kazwell Realty Partners LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
							·			Massachusetts Mutual Life Insurance					
0000			. 82-1512591				KKR-MM Vector LP	DE	NI A	Company	Ownership/Influence	90.000	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 46-4255307				Marco Hotel LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			81-3000420				MM Debt Participations LLC	DE	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	100.000	MMLIC		
			81-3000420				MM Debt Participations LLC	DE	NIA	Company	Management	100.000	MMLIC		
0000			01 0000420				www bebt rai trespations LEO			Massachusetts Mutual Life Insurance	management		- MINIL 10		
0000			26-3799762				MML O'Hare Hotel LLC	DE	NIA	Company	Ownership	100.000	MMLIC		l
										Massachusetts Mutual Life Insurance					
0000			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	NI A	Company	Ownership	100.000	MMLIC		
0000			75-2901061				Reston Arboretum LLC	DE	NIA	Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
0000		-	10-280 1001				THESTORI MIDULETUIII ELLO	Z	INI A	Company Massachusetts Mutual Life Insurance	owner strip	100.000	. mmL10		·····
0000		1	30-0713071		1		Riva Portland LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000			]				Rockall CLO B.V.	GBR	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			54-2055778				Rockville Town Center LLC	VA	NI A	Company	Ownership	100.000	MMLIC		
		1			1					Massachusetts Mutual Life Insurance					
0000			. 04–1590850				Sedona TFMP Land LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			20-8856877		0001409910		O	DE	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	63,600	MMLIC		
0000			20-8856877		0001409910		Somerset Special Opportunities Fund L.P Somerset Special Opportunities Fund L.P	DE	NIA NIA	Company	Ownership	2.900	MMLIC		
0000			20-8856877		0001409910		Somerset Special Opportunities Fund L.P	DE	NIA	Barings LLC	Management	2.900	MMLIC		
					15501100010		Commission Spootal Opportunition Falla E.F.			Massachusetts Mutual Life Insurance					
0000			20-3887968				South Pasco Properties LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
							·			Massachusetts Mutual Life Insurance					
0000			30-0336246		0001345379		Tower Square Capital Partners II, L.P	DE	NIA	Company	Ownership/Influence	28.600	MMLIC		
0000		-	30-0336246		0001345379		Tower Square Capital Partners II, L.P	DE	NI A	C.M. Life Insurance Company	Ownership	4.000	MMLIC		
0000			30-0336246		0001345379		Tower Square Capital Partners II, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
0000		1	00 0400400		1		Town Course On its   Dontons	DE	AULA	Massachusetts Mutual Life Insurance	0	05.000	188 10		
0000			. 32-0160190 32-0160190				Tower Square Capital Partners II-A, L.P.	DE	NIA	Company	Ownership/Influence	85.000	MMLICMMLIC		
0000			_  32-0160190				Tower Square Capital Partners II-A, L.P	DE	NI A	C.M. Life Insurance Company	Ownership	15.000	.  MML10		

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						Exchange		Domi-	ship		Management,	ship		Filing	1
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	1
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	1
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	Group Name	Code	32-0160190	nood	OIN	international)	Tower Square Capital Partners II-A, L.P	DE	NIA	Barings LLC	Management	lage	MMLIC	(1/14)	
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			41-2200127		0001447347		Tower Square capital raithers iii, L.i.	UL		Massachusetts Mutual Life Insurance	Mariagemerit		I IIIILIO		
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P	DE	NI A	Company	Ownership/Influence	4.800	MMLIC		1
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P.	DE	NIA	MassMutual Holding LLC	Ownership/Influence	14.900	MMLIC		
							, , , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance					
0000			41-2280129		0001447548		Tower Square Capital Partners IIIA, L.P	DE	NI A	Company	Ownership/Influence	94.900	MMLIC		
0000			41-2280129		0001447548		Tower Square Capital Partners IIIA, L.P	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			80-0920367		0001598727		Tower Square Capital Partners IV-A, L.P	DE	NI A	Company	Ownership/Influence	20.800	MMLIC		
0000			80-0920367		0001598727		Tower Square Capital Partners IV-A, L.P	DE	NI A	Barings LLC	Management		MMLIC		·
2000										Massachusetts Mutual Life Insurance					1
0000			04-3722906		0001228752		Tower Square Capital Partners, L.P.	DE	NIA	Company	Ownership/Influence	36.600	MMLIC		
0000			04-3722906		0001228752		Tower Square Capital Partners, L.P.	DE	NIA NIA	C.M. Life Insurance Company	Ownership	0.500	MMLIC		
0000			04-3/22906		0001228752		Tower Square Capital Partners, L.P	UE	NI A	Massachusetts Mutual Life Insurance	Management		MML16		
0000			04-1590850				West 46th Street Hotel LLC	DE	NIA	Company	Ownership	100.000	MMLIC		1
0000			04-1030000				Barings Emerging Markets Debt Blended Total			Company	Owner Sirrp		I MMLTO		
0000							Return Fund	IRL	NIA	Barings LLC	Management		MMLIC		1
							Barings Emerging Markets Debt Short Duration			Dut mgo LEO	munagonori				[
0000							Fund	IRL	NI A	Barings LLC	Management		MMLIC		.[
							Barings Emerging Markets Sovereign Debt Fund								
0000								IRL	NI A	Barings LLC	Management		MMLIC		
							Babson Capital Floating Rate Income Fund,								1
0000			27-3330830		0001521404		L.P	DE	NI A	MassMutual Holding LLC	Ownership	0.000	MMLIC		
							Babson Capital Loan Strategies Master Fund LP	0.04							
0000							Danisara Olabal Investment Oracle Oracle	CYM	NIA	Barings LLC	Management		MMLIC		
0000							Barings Global Investment Grade Corporate	IRL	NIA	Barings LLC	Management		MMLIC		1
0000							Barings Emerging Markets Debt Blended Total	INL	NI A	bal fligs LLC	Management		MMLIC		
0000			47-3758432				Return Fund	MA	NIA	Barings LLC	Management		MMLIC		1
			17 0700102				Barings Emerging Markets Local Currency Debt			Dui mgo LEO	managonori				
0000			47-3774453				Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000			47-3790192				Barings Global High Yield Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000							Baring Greater China Equity Fund	HKG	NI A	Baring Asset Management Limited	Management		MMLIC		
0000			47-3734770				Barings Total Return Bond Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000			47-3801860				Barings U.S. High Yield Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000			74 4040404				0	DE	NI A	Massachusetts Mutual Life Insurance	0	44 000	188 10		
0000			71-1018134 71-1018134				Great Lakes II LLC	DE	NIA NIA	Company	Ownership	11.200	MMLICMMLIC		
0000			1 1-10 18 134				UIEAL LAKES II LLU	VE	NI A	C.M. Life Insurance Company	Owner Strip	1.000	. INIMLIU		
0000			56-2505390				Great Lakes LLC	DE	NIA	Company	Ownership	4.400	MMLIC		
0000			56-2505390				Great Lakes LLC	DE	NI A	C.M. Life Insurance Company	Ownership.	0.500	MMLIC		1
0000			46-2344300				Intermodal Holdings II LLC	DE	NI A	Barings LLC	Influence		MMLIC		
							Somerset Special Opportunities Master Fund			<u> </u>					
0000							LP	CYM	NI A	Barings LLC	Management		MMLIC		
			1						1	Massachusetts Mutual Life Insurance					
0000			04-1590850				Wood Creek Venture Fund LLC	DE	NI A	Company	Ownership	40.000	MMLIC		ļ
1			l							Massachusetts Mutual Life Insurance					
0000			20-2548283				12-18 West 55th Street Predevelopment, LLC	DE	NIA	Company	Ownership	89.200	MMLIC		
0000			20-2548283				12-18 West 55th Street Predevelopment, LLC	DE	NIA	C.M. Life Insurance Company	Ownership	7.800	MMLIC		
0000			36-4823011				50 Liberty LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	59.100	MMLIC		
0000			36-4823011				50 Liberty LLC	DE	NIA	C.M. Life Insurance Company	Ownership	5.800	MMLIC		
0000			JU-402JUII				30 Liberty LLC	VE	NI A	Lite insurance company	owner sittp	UUO.C	, MML1∪		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
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Group Code	Group Name	Company Code	Number	Federal RSSD	CIK	(U.S. or International)	Or Affiliates	Loca- tion	Reporting Entity	Directly Controlled by (Name of Entity/Person)	Influence, Other)	Percen- tage	Ultimate Controlling Entity(ies)/Person(s)	quired? (Y/N)	*
Code	Group Name	Code	Number	NOOD	CIR	international)	Of Allillates	tion	Littly	Massachusetts Mutual Life Insurance	Other)	lage	Littity(les)/Fersori(s)	(1/IN)	
0000			80-0948028				One Harbor Shore LLC	DE	NI A	Company	Ownership	49.900	MMLIC		
0000			80-0948028				One Harbor Shore LLC	DE	NI A	C.M. Life Insurance Company	Ownership	4.900	MMLIC		
0000			40 4700007					DE		Massachusetts Mutual Life Insurance	0 1:	100 000	188 10		
0000			16-1720387				Alexandria Towers Investors LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			81-4382111				Budapester Strasse LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-2285211				Calgary Railway Holding LLC	DE	NI A	Company	Ownership	90.000			
0000			82-2285211				Calgary Railway Holding LLC	DE	NI A	C.M. Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	10.000	MMLIC		
0000			04-1590850				Cambridge Hotel LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			1000000				Sumbi rago riotor EES			Massachusetts Mutual Life Insurance	omor on p		mm_10		
0000			04-1590850				CHC/RFP VI Core LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			05 4007747							Massachusetts Mutual Life Insurance		400.000			
0000			95-4207717				Cornerstone California Mortgage Fund I LLC	CA	NI A	Company	Ownership	100.000	MMLIC		
0000			95-4207717				Cornerstone California Mortgage Fund II LLC .	CA	NI A	Company	Ownership.	100.000	MMLIC		
							oomorotono ourrorma mortgago rana 11 220 :			Massachusetts Mutual Life Insurance					
0000			56-2630592				Cornerstone Fort Pierce Development LLC	DE	NI A	Company	Ownership	84.400	MMLIC		
0000			56-2630592				Cornerstone Fort Pierce Development LLC	DE	NI A	C.M. Life Insurance Company	Ownership	5.600	MMLIC		
0000			45-2632610				Cornerstone Permanent Mortgage Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
0000			45-2052010				Corner stone i erimanent wortgage i unu	III/\		Massachusetts Mutual Life Insurance	Owner Strip				
0000			61-1750537				Cornerstone Permanent Mortgage Fund II	MA	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			35-2531693				Cornerstone Permanent Mortgage Fund III	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
0000			61-1793735				Cornerstone Permanent Mortgage Fund IV		NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-5001122				CREA 330 Third LLC	DE	NI A	Company	Ownership	92.000	MMLIC		
0000			46-5001122				CREA 330 Third LLC	DE	NI A	C.M. Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	8.000			
0000			46-4367364				CREA FMF Nashville LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			26-2399532				CREA/LYON West Gateway, LLC	DE	NI A	Company	Ownership	54.000	MMLIC		
0000			26-2399532				CREA/LYON West Gateway, LLC	DE	NI A	C.M. Life Insurance Company	Ownership	6.000	MMLIC		
0000			81-0890084				CREA Madison Member LLC	DE	NI A	C.M. Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	100.000			
0000			20-0348173				CREA/PPC Venture LLC	DE	NI A	Company	Ownership	93.400	MMLIC		
0000			20-0348173				CREA/PPC Venture LLC	DE	NI A	C.M. Life Insurance Company	Ownership	6.600	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-1563809 82-1563809				CCB Montford Park LLC	DE	NIA NIA	Company	Ownership	75.200	MMLIC		
0000			62-1000009				COD MOILLIOID PAIK LLC	VE	NI A	C.M. Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	4.000	NIME I C		
0000			26-1611591	3956836			Fallon Cornerstone One MPD LLC	DE	NI A	Company	Ownership		MMLIC		
0000			26-1611591	3956836			Fallon Cornerstone One MPD LLC	DE	NI A	C.M. Life Insurance Company	Ownership	8.700	. MMLIC		
0000			00 0047004				For Dier Development II C	DE.	AU A	Massachusetts Mutual Life Insurance	Ownership	E0 000	104 10		
0000			20-3347091 20-3347091				Fan Pier Development LLCFan Pier Development LLC	DE	NIA NIA	Company	Ownership	59.300	MMLIC		
0000			20-0041031				Tail For Development LLO	VL	NI /	Massachusetts Mutual Life Insurance	omioi ailip	000			
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	Company	Ownership	94.500	MMLIC		
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	C.M. Life Insurance Company	Ownership	5.500	MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
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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	·				
0000							Infinity SCD Ltd	GBR	NI A	Company	Ownership	4.200	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-4819358				Johnston Groves LLC	DE	NI A	Company	Ownership	57.200	MMLIC		
0000			04 5000400				Landard, Mancharka Haldina III	DE	NIA	Massachusetts Mutual Life Insurance	0h:	100,000	MMLIC		
0000			81-5360103				Landmark Manchester Holdings LLC	UE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
0000			81-2871333				MM Chatham Office LLC	DE	NIA	Company	Ownership	83.400			
			. 01 20/1000				Will Orla triain Office LEO	UL		Massachusetts Mutual Life Insurance	Owner strip.		- MINICIO		
0000			81-2871333				MM Chatham Office LLC	DE	NI A	Company	Ownership	16.600	MMLIC		
							Salomon Brothers Commercial Mortgage Trust			,,					
0000							2001-MM	DE	NI A	Barings Real Estate Advisers LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 27-2977720				Sawgrass Village Shopping Center LLC	DE	NI A	Company	Ownership	84.200	MMLIC		
0000			. 27-2977720				Sawgrass Village Shopping Center LLC	DE	NI A	C.M. Life Insurance Company	Ownership	15.800	MMLIC		
2000										Massachusetts Mutual Life Insurance		400.000			
0000			. 46-5491311				Seattle 1415 Hotel Owner LLC	DE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
0000							Ten Fan Pier Boulevard LLC	DE	NIA	Company	Ownership	90.000	MMLIC		
0000			-				Ten Fan Pier Boulevard LLC	DE	NIA	C.M. Life Insurance Company	Ownership	10.000	MMLIC		
0000							Tell Fall Free Bourevaru LLC	UL	NI //	Massachusetts Mutual Life Insurance	owner sirrp	10.000	MIME TO		
0000			81-5273574				Three PW Office Holding LLC	DE	NIA	Company	Ownership	95.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			35-2484550				Twenty Two Liberty LLC	MA	NI A	Company	Ownership	59.200	MMLIC		
0000			. 35-2484550				Twenty Two Liberty LLC	MA	NI A	C.M. Life Insurance Company	Ownership	5.900	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-4606547				UK LIW Manager LLC	DE	NI A	Company	Ownership	1.000	MMLIC		
0000			45 4000547					DE		Massachusetts Mutual Life Insurance		00.000	188 10		
0000			45-4606547				UK LIW Member LLC	UE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	99.000	MMLIC		
0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NIA	Company	Ownership	92.000	MMLIC		
0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NIA	C.M. Life Insurance Company	Ownership.	4.800	MMLIC		
							macrington datomay repair timorito rontaro 220			Massachusetts Mutual Life Insurance					
0000			20-2970495				Waterford Development Associates	DE	NI A	Company	Ownership	90.000			
							·			Massachusetts Mutual Life Insurance					
0000			. 47-1993493				Waterloo London Holdings LLC	DE	NIA	Company	Ownership	100.000	MMLIC		ļ
1		1	I			1				Massachusetts Mutual Life Insurance					
0000			. 46-3122029				WeHo Domain LLC	DE	NI A	Company	Ownership		MMLIC	[	ļ
0000			. 46-3122029				WeHo Domain LLC	DE	NIA	C.M. Life Insurance Company	Ownership	12.600	MMLIC		
0000			81-1552222				Willowwood Lakeside Master LLC	DE	NI A	Massachusetts Mutual Life Insurance Company	Ownership.	50.000	MMLIC		
0000			0 1- 1002222				millowwood Lakeside Mastel LLC	UE	NI A	Massachusetts Mutual Life Insurance	owner sittp				
0000			20-5481477				Ygnatio Valley Funding	DE	NI A	Company	Ownership	90.000	MMLIC		
							. grant and a same and a same			Massachusetts Mutual Life Insurance	P				
0000			45-3168892			OQ	MassMutual Barings Dynamic Allocation Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
			1							Massachusetts Mutual Life Insurance	·				
0000			51-0529328		0000927972	00	MassMutual Premier Main Street Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
1		1				l	MassMutual Premier Strategic Emerging Markets			Massachusetts Mutual Life Insurance					
0000			. 26-3229251		0000927972	00	Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
0000			04 0077550		0000007070	00	Marakhata I Danisa Value Ford		NILA	Massachusetts Mutual Life Insurance	0	00 100	MMLIC		
0000			04–3277550		0000927972	UV	MassMutual Premier Value Fund	MA	NIA	Company Massachusetts Mutual Life Insurance	Ownership	96.100	MMLIC		
0000		1	14-1980900		0000916053	00	MassMutual Select Diversified International Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	0.000	MMLIC		
						I VM				Company					

# **SCHEDULE Y**

				FANI	IA - DE IA	IL OF INSURANC	/L I	IOLL	HING COMPAIN	SISIEI				
1	2	3	4	5 6	7	8	9	10	11	12	13	14	15	16
'	_	, and the second			•					Type	If			
										of Control	Control			
										(Ownership,	is		ls an	
					Name of Securities			Relation-		\ 1 /	Owner-		SCA	
							D!			Board,				
					Exchange		Domi-	ship		Management,	ship		Filing	
_		NAIC		1	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 CII	( International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
									Massachusetts Mutual Life Insurance					
0000			01-0821120	0000916	53 00	MassMutual Select Diversified Value Fund	MA	NI A	Company	Ownership	0.000	. MMLIC	-	
			04 0540500						Massachusetts Mutual Life Insurance					
0000			04-3512593	0000916	53 0Q	MassMutual Select Fundamental Growth Fund	MA	NI A	Company	Ownership	0.000	. MMLIC	-	
0000			04 0540040	0000040	50				Massachusetts Mutual Life Insurance	0 1:	47.000	188 10		
0000			04–3513019	0000916	53 UQ	MassMutual Select Large Cap Value Fund	MA	NI A	Company	Ownership	17.600	MMLIC	-	
0000			42-1710935	0000916	F3 00	Manahistical Calant Mid Con Value Fund	MA	NIA		O-marah i -	79.400	MMLIC		
0000			. 42-1/10935		55 UQ	MassMutual Select Mid-Cap Value Fund MassMutual Select Small Capital Value Equity	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership		MMLIC		
0000			02-0769954	0000916	52 00	Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000					00	Fullu	MA	NI A	Massachusetts Mutual Life Insurance	Owner Sirrp		MINILIO		
0000			04-3584140	0000916	53 00	MassMutual Select Small Company Value Fund	MA	NI A	Company	Ownership.	17.700	MMLIC		
0000			_ 04-0004140		00	massmutuar serect smarr company varue runu	mA		Massachusetts Mutual Life Insurance	Owner Sirry				
0000			46-4257056	0000067	60	MML Series International Equity Fund	MA	NIA	Company	Ownership.	0.000	MMLIC		
,0000			10 1207000			mine dorror international equity rand			Massachusetts Mutual Life Insurance	omici dirip				
0000			47-3517233	0001317	46	MML Series II Asset Momentum Fund	MA	NI A	Company	Ownership	100.000	MMLIC		
						The second of th			Massachusetts Mutual Life Insurance					
0000			47-3529636	0001317	46	MML Series II Dynamic Bond Fund	MA	NIA	Company	Ownership	0.000			
									Massachusetts Mutual Life Insurance				-	
0000			47-3544629	0001317	46	MML Series II Equity Rotation Fund	MA	NI A	Company	Ownership	96.400	MMLIC		
			1			, , , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance					
0000			47-3559064	0001317	46	MML Series II Special Situations Fund	MA	NI A	Company	Ownership	97.900	MMLIC		
						·			Massachusetts Mutual Life Insurance					
0000			46-3289207	0000916	53	MassMutual RetireSMART 2055 Fund	MA	NI A	Company	Ownership	23.100	MMLIC		
									Massachusetts Mutual Life Insurance					
0000			47-5326235	0000916	53	MassMutual RetireSMART 2060 Fund	MA	NI A	Company	Ownership	91.500			
									Massachusetts Mutual Life Insurance					
0000			45-1618155	0000916	53	MassMutual RetireSMART Conservative Fund	MA	NI A	Company	Ownership	0.000	. MMLIC		
			45 4040000						Massachusetts Mutual Life Insurance					
0000			45-1618222	0000916	53	MassMutual RetireSMART Growth Fund	MA	NI A	Company	Ownership	0.000	MMLIC	-	
0000			4E 4040000	0000040	F0	Manadata I Dating OMART Madagata Found	144	NII A	Massachusetts Mutual Life Insurance	0h:	0.000	100		
0000			45-1618262	0000916	03	MassMutual RetireSMART Moderate Fund	MA	NIA	Company	Ownership	0.000	MMLIC	-	
0000		I	45-1618046	0000916	52	MassMutual RetireSMART Moderate Growth Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	0.000	MMLIC		
		I			···	massmatuar netricomnii mouerate drowth Fund .	mA		Massachusetts Mutual Life Insurance	-   Omisi Silip			·	
0000		1	93-6305075			Oppenheimer Developing Markets Fund	DE	NIA	Company	Ownership	0.000	MMLIC		
5000						opposition boto toping markets rand			Massachusetts Mutual Life Insurance				-	
0000		1				Oppenheimer Developing Markets Equity UCITS .	IRL	NIA	Company	Ownership	32.800	MMLIC		
0000			]			Oppenheimer Developing Markets Equity UCITS .	IRL	NI A	OppenheimerFunds, Inc.	Management		MMLIC	.	
						Oppenheimer Emerging Markets Innovators UCITS								
0000						7,7	IRL	NI A	OppenheimerFunds, Inc.	Management		MMLIC		
0000			46-2984739			Oppenheimer Emerging Markets Revenue ETF	IRL	NI A	OppenheimerFunds, Inc.	Management			.	
0000			81-3492794			Oppenheimer ESG Revenue ETF	DE	NI A	OppenheimerFunds, Inc.	Management				
000Q			-			Oppenheimer Global Equity UCITS	IRL	NI A	OppenheimerFunds, Inc	Management		MMLIC	.	
0000			81-3480754			Oppenheimer Global ESG Revenue ETF	DE	NI A	OppenheimerFunds, Inc	Management		MMLIC	.	ļ
0000			47-3676235			Oppenheimer Global Multi-Asset Growth Fund	DE	NI A	OppenheimerFunds, Inc.	Management			-	
0000			47-1714929			Oppenheimer Global Multi-Asset Income Fund	DE	NI A	OppenheimerFunds, Inc.	Management		MMLIC		
0000			81-5010075			Oppenheimer Global Revenue ETF	DE	NI A	OppenheimerFunds, Inc.	Management		MMLIC	-	
0000			-			Oppenheimer Global Value Equity UCITS	IRL	NI A	OppenheimerFunds, Inc.	Management		MMLIC		
0000		I	04 0400074	]		Oppenheimer International Growth & Income	סר	NIA	O contrained from the land	M		100		
0000			81-3136071			Fund	DE	NIA	OppenheimerFunds, Inc.	Management	· <del> -</del>	MMLIC	-	
0000		I	81-4969331	I		Oppenheimer International Revenue ETF	DE	NI A	OppenheimerFunds, Inc.	Management			.	.1

# **SCHEDULE Y**

											• • • • • • • • • • • • • • • • • • • •				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	If			
											of Control	Control			
											(Ownership,	is		ls an	
						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 Code		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by (Name of Entity/Person)	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)	*
							Oppenheimer Macquarie Global Infrastructure								
0000			81-1080638				Fund	DE	NI A	OppenheimerFunds, Inc.	Management	<b></b>	MMLIC		

Asterisk	Explanation
1 Ma	Massachusetts Mutual Life Insurance Company owns .26% of the affiliated debt of Jefferies Finance LLC
	Debt investors own 8.3% and includes only Great Lakes III, L.P.
	Partnership investors own 99% and include Babson Capital Loan Strategies Fund, L.P.
	Debt investors own 8.6% and includes only Babson Capital Loan Strategies Fund, L.P.
5 De	Debt investors own 6.9% and includes only Great Lakes III, L.P.
	Debt investors own 8.9% and includes only Great Lakes III, L.P.
	Debt investors own 6.9% and includes only Great Lakes III, L.P.
8 De	Debt investors own 3.6% 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.

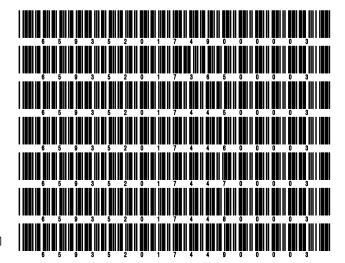
		Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required 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

#### 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]
- 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]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI [Document Identifier 448]
- Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) [Document Identifier 449]



### **OVERFLOW PAGE FOR WRITE-INS**

Additional 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.	Investment in trust	31,589,336		31,589,336	31,420,102
2505.	Pension plan asset		646,086,857		
2506.	Cash advances to agents	255,021,412	255,021,412		
2507.	Intangible assets	115,830,530	115,830,530		
2508.	Disallowed interest maintenance reserve	114,538,031	114,538,031		
2509.	Commissions and expenses on long-term lease	40,055,818	40,055,818		
	Bills receivable				
2597.	Summary of remaining write-ins for Line 25 from overflow page	1,203,633,536	1,172,044,200	31,589,336	31,420,102

Additional Write-ins for Liabilities Line 25

/ laditioi	iai Wiite iiis ioi Elabiities Eiile 25		
		1	2
		Current	December 31
		Statement Date	Prior Year
2504.	Funds awaiting escheat and other miscellaneous	53,825,890	60, 133, 964
2505.	Deferred income	15,895,060	19,920,155
2597.	Summary of remaining write-ins for Line 25 from overflow page	69,720,950	80,054,119

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. Miscellaneous	10,916,956	17,861,484	24,890,451
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	10,916,956	17,861,484	24,890,451

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.	Change in liability for employee/agent benefit plans	34,733,778	17,004,881	18,694,135
2705.	Miscellaneous charges to operations	7,044,159	5,901,947	10,529,507
2797.	Summary of remaining write-ins for Line 27 from overflow page	41,777,937	22,906,828	29,223,642

## **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	976,679,957	928 , 176 , 765
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	47,212,065	5,118,335
	2.2 Additional investment made after acquisition	216,251,975	293,276,410
3.	Current year change in encumbrances	(73,964,833)	
4.		83,910,658	14,852,798
5.	Deduct amounts received on disposals	353,033,252	59,477,126
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	76,327,916	106,662,695
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)	820,728,654	976,679,957

### **SCHEDULE B - VERIFICATION**

Mortgage Loans

		1	2
		V . D .	Prior Year Ended
		Year to Date	December 31
1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	20,963,341,565	22,007,729,394
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	3, 142, 734, 333	3,204,413,320
	2.2 Additional investment made after acquisition	121,409,005	300, 154, 202
3.	2.1 Actual cost at time of acquisition     2.2 Additional investment made after acquisition     Capitalized deferred interest and other	20,780,985	42,853,290
4.	Accrual of discount	1,650,887	2,678,459
5.	Unrealized valuation increase (decrease)		
6.	Total gain (loss) on disposals	(12,587,844)	(7,048,196)
7.	Deduct amounts received on disposals	2,202,656,043	4,422,106,220
8.	Deduct amortization of premium and mortgage interest points and commitment fees	1,668,706	(652,780)
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest	127,382,449	(159,297,451)
10.	Deduct current year's other than temporary impairment recognized		6,688,012
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		(2,250,000)
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)	22,160,386,631	20,961,091,565

### **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	7,233,113,042	7,535,417,690
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	1,008,899,311	551,830,195
	2.2 Additional investment made after acquisition	791,495,472	1, 114, 188, 548
3.	Capitalized deferred interest and other		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease)	840,882,583	449,015,490
6.	Total gain (loss) on disposals	(25, 119, 499)	2,647,530
7.	Deduct amounts received on disposals	2,648,926,468	2,366,873,704
8.	Deduct amortization of premium and depreciation		
9.	Total foreign exchange change in book/adjusted carrying value	89,823,095	(44,247,946)
10.	Deduct current year's other than temporary impairment recognized	8,682,019	7,321,949
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	7,281,152,281	7,233,113,042
12.	Deduct total nonadmitted amounts		
13.	Statement value at end of current period (Line 11 minus Line 12)	7,243,438,787	7,186,889,062

### **SCHEDULE D - VERIFICATION**

Bonds and Stocks

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value of bonds and stocks, December 31 of prior year	99,649,127,776	89, 179, 507, 736
2.	Cost of bonds and stocks acquired	21,296,654,622	28,841,807,585
3.	Accrual of discount	210,033,038	333,689,372
4.	Unrealized valuation increase (decrease)	405,365,812	1,056,408,233
5.	Total gain (loss) on disposals		
6.	Deduct consideration for bonds and stocks disposed of		
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)	106,070,496,715	99,649,127,776
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	106,070,496,715	99,649,127,776

### **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

	During the Current Quarter for	2	3	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
TW NO DOUGHALON	or current quarter	ourioni quarto.	Carrotti Quarto.	ouron quartor	The Galite	Cocona quanto	Time dealto.	1 1101 1041
BONDS								
1. NAIC 1 (a)		3,209,733,730	2,981,673,363	194,875,848	48,532,942,244	48,397,145,544	48,820,081,759	48,353,781,399
2. NAIC 2 (a)		11,322,191,011	9,933,011,765	88,536,884	33,277,158,464	33 , 196 , 167 , 392	34,673,883,522	31,810,151,289
3. NAIC 3 (a)	4,081,603,298	10,321,702,448	10,142,443,088	(35,956,131)	4,194,558,569	4,081,603,298	4,224,906,527	3,678,759,881
4. NAIC 4 (a)	2,417,508,269	940,337,800	490,822,673	(50, 185, 936)	2,357,218,363	2,417,508,269	2,816,837,460	2,390,149,329
5. NAIC 5 (a)	1,031,313,083	21,588,091	80,310,211	2,260,134	939,000,699	1,031,313,083	974,851,097	1,048,929,782
6. NAIC 6 (a)	278,367,023	32,072,527	100,029,073	91,119,770	316,091,981	278,367,023	301,530,247	360,223,856
7. Total Bonds	89,402,104,608	25,847,625,607	23,728,290,173	290,650,569	89,616,970,319	89,402,104,608	91,812,090,611	87,641,995,535
PREFERRED STOCK								
8. NAIC 1	166.700.000	351.000.000			166,700,000	166.700.000	517,700,000	144,700,000
9. NAIC 2		, ,		(13,207,257)	155, 140, 145	159,240,945	146,033,688	165,906,546
10. NAIC 3	, ,	869.978		16.612.857	135,500,002	123,000,000	140,482,835	123,000,000
11. NAIC 4	, ,			(5,344)	2,471,066	2,385,037	2,379,693	2,797,430
12. NAIC 5	, ,			241.599	13,096,601	13,157,003	13,398,602	13,131,970
13. NAIC 6	, ,		326,452	506,518	15,357,915	14,884,503	15,064,569	15,389,326
14. Total Preferred Stock	470,007,400	351,869,978	326,452	4,148,373	488,265,729	479,367,488	835,059,387	464,925,272
	89,881,472,096	26,199,495,585	23,728,616,625	294,798,942	90,105,236,048	89,881,472,096	92,647,149,998	88,106,920,807
15. Total Bonds and Preferred Stock	09,001,472,090	20, 199,490,080	23,720,010,023	234,130,342	30, 100,200,048	09,001,412,090	92,041,149,998	00, 100, 320, 807

(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 Book/Adjusted Carrying Value	2 Par Value	3 Actual Cost	4 Interest Collected Year-to-Date	5 Paid for Accrued Interest Year-to-Date
9199999 Totals	508,820,317	XXX	507,895,601	180,274	

## **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	707,992,227	167,854,960
2.	Cost of short-term investments acquired	3,309,864,406	2, 154, 741, 437
3.	Accrual of discount	4, 100, 148	10,354,668
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	34,725	39,287
6.	Deduct consideration received on disposals	3,513,171,189	1,624,998,125
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)	508,820,317	707,992,227
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	508,820,317	707,992,227

### **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)	3,749,418,124
2.	Cost Paid/(Consideration Received) on additions	442,453,950
3.	Unrealized Valuation increase/(decrease)	(816,757,935)
4.	Total gain (loss) on termination recognized	(322,077,940)
5.	Considerations received/(paid) on terminations	(20,880,026)
6.	Amortization	(1,625,659)
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)	3,072,290,566
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	3,072,290,566

# **SCHEDULE DB - PART B - VERIFICATION**

	Futures Cor	ntracts		
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	ımulative Cash Chai	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	(72, 161, 743)		
	3.14 Section 1, Column 18, prior year	(30,561,317)	(41,600,426)(41,600,426)	
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	(72,161,743)		
	3.24 Section 1, Column 19, prior year	(30,561,317)	(41,600,426)(41,600,426)	
3.3	Subtotal (Line 3.1 minus Line 3.2)			
4.1	Cumulative variation margin on terminated contracts during the year		124,773,442	
4.2	Less:			
	4.21 Amount used to adjust basis of hedged item			
	4.22 Amount recognized	155,334,759	155 , 334 , 759	
4.3	Subtotal (Line 4.1 minus Line 4.2)			(30,561,317
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 $\dots$			30,561,317
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			
Ω	Statement value at end of current period (Line 6 minus Line 7)			

# **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	insactions	riepiicalii	on (Oynthell	o noocij ild	nsactions Open as of Cu l	aneni Gialemeni		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	nstrument(s) Open				Instrument(s) Held		
Normalia	Description	NAIC Designation or Other	Notional	Book/Adjusted Carrying	Fair Value	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 STEELE CREEK CLO LTD-STCR 2014-1A	Description	Value	Fair Value
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds		50,000,000	45.000.000	45,420,229	10/01/2012	10/01/2042	Interest Rate Swaps		277.984	85815X-AQ-6	STEELE CHEEK CLO LID-STCR 2014-1A	1	45,000,000	45, 142, 245
07020 AA0	Evergreen Basket of Long Fixed Rate					10/01/2012	10/01/2042	Titterest nate owaps		211,304		FIRST MARYLAND CAP I-LIMITED			
57629*AA9	Corp Inv Grade Equiv Bonds			11,235,402	12,333,750	10/01/2012	10/01/2042	Interest Rate Swaps			320808-AD-0	GUARANTEE NOTE	2	11,235,402	12,333,750
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above		50.000.000	5.600.000	5.841.569	10/01/2012	10/01/2042	Interest Rate Swaps		220.009	87246M-AA-0	TICP CLO LTD-SERIES 2016-6A CLASS A		5,600,000	5,621,560
3/029^AB/	Evergreen Basket of Long Fixed Rate		50,000,000			10/01/2012	10/01/2042	Interest Hate Swaps		220,009	87240M-AA-U	SASOL CHEMICALS (USA) LL TERM LOAN	I		
57629*AB7	Bank Loans B- or Above2			27,744,746	27,926,125	10/01/2012	10/01/2042	Interest Rate Swaps			G7818N-ZZ-5		2	27,744,746	27,926,125
57000+107	Evergreen Basket of Long Fixed Rate			5 400 474	5 400 474	10 (01 (0010	10 (01 (00 10				770771 17 0	ROCKALL CLO BV Variable Funding		5 400 474	5 400 474
57629*AB7	Bank Loans B- or Above			5,496,474	5,496,474	10/01/2012	10/01/2042	Interest Rate Swaps			77277L-A7-2	Note- USD SILVER STATE SOLAR SOUTH TERM LOAN	1	5,496,474	5,496,474
57629*AB7	Bank Loans B- or Above 2			4,948,479	5,012,485	10/01/2012	10/01/2042	Interest Rate Swaps			U8270Y-ZZ-4	STEVEN STATE SOLAN SOUTH TENII EUNIV	2	4,948,479	5,012,485
	Evergreen Basket of Long Fixed Rate							·				THAYER PARK CLO LTDTHAYR 2017-1A			
57629*AB7	Bank Loans B- or Above			5,470,000	5,499,215	10/01/2012	10/01/2042	Interest Rate Swaps			883310-AE-4	В	1	5,470,000	5,499,215
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above2			2,968,493	2,973,157	10/01/2012	10/01/2042	Interest Rate Swaps			14889K-AC-6	CATAMARAN CLO 2015-1 LTD NT CL B	1	2,968,493	2,973,157
07020 7107	Evergreen Basket of Long Fixed Rate			2,000,400		10/01/2012	10/01/2042	Titorost nato onaps			1400010 110 0	OAK HILL CREDIT PARTNERS-SERIES	'	2,000,400	2,070,107
57629*AB7	Bank Loans B- or Above			6,962,148	6,880,383	10/01/2012	10/01/2042	Interest Rate Swaps			67104C-AB-3	2013 - 8A CLASS B	1	6,962,148	6,880,383
F7000+10F	Evergreen Basket of Long Fixed Rate		004 000 000	40.075.000	40,000,050	14 (00 (0040	44 (00 (0040			000 000	704007 ND 0	Pioneers Gate LLC 2017-3 AEF (Amur)	_	40.075.000	40.045.400
57629*AC5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		264,000,000	18,675,000	18,939,059	11/29/2012	11/29/2042	Interest Rate Swaps		293,939	72403Z-NB-6		1	18,675,000	18,645,120
57629*AC5	ABS Bank Loans and Corp Bonds 1			6,623,326	7.409.491	11/29/2012	11/29/2042	Interest Rate Swaps			83149F-AD-6	SLMA 2006 6 NT CL B	1	6,623,326	7,409,491
	Evergreen Basket of Long Fixed Rate			, ,,								OHA CREDIT PARTNERS LTD-OAKC 2014-			
57629*AC5	ABS Bank Loans and Corp Bonds 1			7,000,000	7,017,892	11/29/2012	11/29/2042	Interest Rate Swaps			67106J-AS-9	10A CR	1	7,000,000	7,017,892
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			46.410.778	45.780.190	11/29/2012	11/29/2042	Interest Rate Swaps			14955A-AA-1	CAVALRY CLO IV LTD-SR SEC NT CL A .		46.410.778	45,780,190
3/629^AG3	Evergreen Basket of Long Fixed Rate			40,410,778	45,780,190	11/29/2012	11/29/2042	Interest Hate Swaps			14900A-AA-1	MASSMUTUAL ASSET FIN LLC SR SECD	I	40,410,778	
57629*AC5	ABS Bank Loans and Corp Bonds 1			18,965,813	18,862,448	11/29/2012	11/29/2042	Interest Rate Swaps			57542Z-A0-7	REV NT	1	18,965,813	18,862,448
	Evergreen Basket of Long Fixed Rate							·				CVP CASCADE CLO LTD-CVPC 2014-2A			
57629*AC5	ABS Bank Loans and Corp Bonds 1			154,000,000	154,245,630	11/29/2012	11/29/2042	Interest Rate Swaps			126611-AL-6	A1R	1	154,000,000	154,245,630
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			6,200,000	6,223,014	11/29/2012	11/29/2042	Interest Rate Swaps			94950G-AE-7	WELLFLEET CLO LTD-WELF 2017-1A B	1	6,200,000	6,223,014
07020 A00	Evergreen Basket of Long Fixed Rate					11/25/2012	11/20/2042	Titterest nate owaps			340000 AL 7	ALLEGRO CLO V LTD-SERIES 17-1A	'		
57629*AC5	ABS Bank Loans and Corp Bonds 1			5,525,000	5,525,000	11/29/2012	11/29/2042	Interest Rate Swaps			01748R-AE-5	CLASS MEZ, FLT	1	5,525,000	5,525,000
57629*AC5	Evergreen Basket of Long Fixed Rate			5.750.000	F 7F0 000	14 (00 (0040	44 (00 (0040				03764Q-AU-6	APIDOS CLO-SERIES 13-15A CLASS B1R	_	F 750 000	F 750 000
5/629^AU5	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,750,000	5,750,828	11/29/2012	11/29/2042	Interest Rate Swaps			U3/64Q-AU-6	WASHINGTON MILL CLO LTD-WAMI 2014-	1	5,750,000	5,750,828
57629*AE1	ABS Bank Loans and Corp Bonds 1		100.000.000	25,000,000	28.732.659	12/27/2012	12/27/2042	Interest Rate Swaps		3.702.109	939218-AU-7	1A A1R	1	25,000,000	25,030,550
	Evergreen Basket of Long Fixed Rate		, ,									SOUND POINT CLO LTD-SNDPT 2017-1A C			
57629*AE1	ABS Bank Loans and Corp Bonds 1			4,000,000	4,024,484	12/27/2012	12/27/2042	Interest Rate Swaps			83609R-AE-1	CENT CDO 12 LTD-SR NT SER 2006-12A	1	4,000,000	4,024,484
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			2.463.316	2.433.097	12/27/2012	12/27/2042	Interest Rate Swaps			15135A-AA-1	CENT CD0 12 LTD-SR NT SER 2006-12A	1	2.463.316	2.433.097
0/020 ALT	Evergreen Basket of Long Fixed Rate			2,400,010		12/21/2012	12/21/2042	Titterest nate owaps			10100A AA 1	BABSON CLO LTD-SERIES 15-IA CLASS B	1	2,400,010	2,400,007
57629*AE1	. ABS Bank Loans and Corp Bonds 1			4,112,451	4, 115, 659	12/27/2012	12/27/2042	Interest Rate Swaps			056162-AC-4		1	4, 112, 451	4, 115, 659
57629*AE1	Evergreen Basket of Long Fixed Rate			17,400,000	17,468,991	12/27/2012	12/27/2042				81789G-AA-9	SEVEN STICKS CLO LTD-SR SECD NT CL A-1 144A	_	47 400 000	17,468,991
5/629^AET	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			17,400,000	17,468,991	12/2//2012	12/2//2042	Interest Rate Swaps			81/89G-AA-9	JFIN CL02015 LTD-MEZZ SECD DEF NT	1	17,400,000	17,468,991
57629*AE1	ABS Bank Loans and Corp Bonds 1			6.890.000	6.897.214	12/27/2012	12/27/2042	Interest Rate Swaps			46617Y-AD-5	CL C1	1	6,890,000	6,897,214
	Evergreen Basket of Long Fixed Rate			, ,	, , , ,										
57629*AE1	ABS Bank Loans and Corp Bonds 1			13,908,067	17,283,605	12/27/2012	12/27/2042	Interest Rate Swaps			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE	1	13,908,067	17,283,605
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			12.147.156	11 007 600	12/27/2012	12/27/2042	Interest Rate Swaps			04965C-AC-2	ATRIUM XII LLC-NOTE SERIES 12A CLASS B 144A	1	12, 147, 156	11,997,609
01023 NL I	Evergreen Basket of Long Fixed Rate			12, 147 , 130		12/21/2012	12/21/2042	interest nate owaps			U-3000-NU-Z	WELLFLEET CLO LTD-WELF 2016-2A A1	1		
57629*AE1	ABS Bank Loans and Corp Bonds 1			10,500,000	10,547,712	12/27/2012	12/27/2042	Interest Rate Swaps			94949L-AA-8		1	10,500,000	10,547,712
57000±157	Evergreen Basket of Long Fixed Rate					10 (07 (05 ) 5	10 (07 (05 :-					MAGNETITE CLO LTD-SERIES 2015-12A			
57629*AE1	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,000,000	10,063,890	12/27/2012	12/27/2042	Interest Rate Swaps			55953H-AL-7	CLASS BR	1	10,000,000	10,063,890
57629*AD3	ABS Bank Loans and Corp Bonds		100.000.000	17.023.725	20.691.509	12/27/2012	12/27/2042	Interest Rate Swaps		3.702.109	92977H-AG-3	1 B	1	17,023,725	16,989,400
	Evergreen Basket of Long Fixed Rate			, , ,								ATRIUM CDO CORP-SERIES 9A CLASS BR			
57629*AD3	ABS Bank Loans and Corp Bonds 1			18,990,000	19, 129, 747	12/27/2012	12/27/2042	Interest Rate Swaps			04964K-AN-1		1	18,990,000	19, 129, 747
57620*AD2	Evergreen Basket of Long Fixed Rate			18.810.000	10 001 704	12/27/2012	10/07/0040	Interest Pate Swans			020121/ 40 0	VOYA CLO LTD-VOYA 2014-2A A2AR	1	18.810.000	18,881,704
57629*AD3	ABS Bank Loans and Corp Bonds 1		L	18,810,000	18,881,704	12/27/2012	12/27/2042	Interest Rate Swaps			92912V-AQ-8	VUTA ULU LID-VUYA 2014-2A AZAK	1	18,810,000	L18,881,704

# **SCHEDULE DB - PART C - SECTION 1**

					Replication	on (Syntheti	ic Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra					5			of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Oper		40		Instrument(s) Held	1 45	10
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
Number	Evergreen Basket of Long Fixed Rate	Description	Amount	value	i ali value	Date	Date	Description	value	raii value	CUSIF	Description	Description	value	raii value
57629*AD3	ABS Bank Loans and Corp Bonds 1	1		6,800,000	6,823,902	12/27/2012	12/27/2042	Interest Rate Swaps			48251B-AA-8	KKR FINANCIAL CLO LTD-KKR 16 A1	1	6,800,000	6,823,902
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			35.067.632	35.009.520	12/27/2012	12/27/2042	Interest Rate Swaps			26250U-AC-9	DRYDEN XXVI SR LN FD SR SECD NT CL	4	35.067.632	25 000 500
5/629^AU3	Evergreen Basket of Long Fixed Rate	·		50, 007, 032	35,009,520	12/2//2012	12/2//2042	Interest Hate Swaps			2020U-AU-9	OCTAGON INV PARTNERS XVI LTD-SR	'	032, 007, 032	35,009,520
57629*AD3	ABS Bank Loans and Corp Bonds 1	1		4,900,000	4,910,315	12/27/2012	12/27/2042	Interest Rate Swaps			67590B-AE-0	SECD NT CL C1	1	4,900,000	4,910,315
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1	100,000,000	8,560,000	13, 130, 953	12/28/2012	12/28/2042	Interest Rate Swaps		4 551 505	75887V-AC-5	REGATTA IX FUNDING LTD-SERIES 17-1A CLASS B	1	8,560,000	8,579,448
37023 AI 0	Evergreen Basket of Long Fixed Rate	'	100,000,000		10, 100,000	12/20/2012	12/20/2042	Titterest hate owaps			750077 NO 5	LCM LTD PARTNERSHIP-SERIES 16A	'	0,000,000	0,575,440
57629*AF8	ABS Bank Loans and Corp Bonds 1	1		8,500,000	8,510,013	12/28/2012	12/28/2042	Interest Rate Swaps			50181G-AU-4	CLASS CR	1	8,500,000	8,510,013
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		8.500.000	8.522.449	12/28/2012	12/28/2042	Interest Rate Swaps			26244Q-AB-9	DRYDEN SENIOR LOAN FUND-SERIES 17- 49A CLASS B	1	8,500,000	8,522,449
	Evergreen Basket of Long Fixed Rate			, ,	, , ,							SYMPHONY CLO V LTD-SR SECD NT CL A-			
57629*AF8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		9, 189, 765	9, 178, 191	12/28/2012	12/28/2042	Interest Rate Swaps			87155M-AC-5	2 144A	1		9, 178, 191
57629*AF8	ABS Bank Loans and Corp Bonds 1	1		7,000,000	7,069,650	12/28/2012	12/28/2042	Interest Rate Swaps			55818X-BA-0	2015–16A CLASS BR	1	7,000,000	7,069,650
57000+150	Evergreen Basket of Long Fixed Rate			44 050 000	44 000 774	10 (00 (00 10	40 (00 (00 40				004004 10 0	WIND RIVER CLO LTD-WINDR 2017-1A B	_	44 050 000	44 000 774
57629*AF8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		11,050,000	11,066,774	12/28/2012	12/28/2042	Interest Rate Swaps			88432M-AC-8	WELLFLEET CLO 2015-1 LTD-SR SECD NT	1	11,050,000	11,066,774
57629*AF8	ABS Bank Loans and Corp Bonds 1	1		50,000,000	50,438,350	12/28/2012	12/28/2042	Interest Rate Swaps			949496-AC-7	CL A-1 144A	1	50,000,000	50,438,350
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		100.000.000	34.581.649	20, 400, 700	12/28/2012	12/28/2042	Interest Rate Swaps		4 554 505	67104L-AA-5	OHA LN FDG 2013-2 LTD-SR SECD NT CL	4	34,581,649	33,911,221
3/029*AR4	Evergreen Basket of Long Fixed Rate	l	100,000,000	4,001,049 هـ	38,402,720	12/28/2012	12/28/2042	Interest Hate Swaps		4,551,505	67 IU4L-AA-3	GOLDENTREE LOAN OPP VII LTD-SR SEC	I	4,081,049 من مناسب	33,911,221
57629*AH4	ABS Bank Loans and Corp Bonds 1	1		9, 150,000	9, 180, 771	12/28/2012	12/28/2042	Interest Rate Swaps			38137D-AC-1	NT CL B-1	1	9,150,000	9, 180,771
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		16.369.197	16.212.733	12/28/2012	12/28/2042	Interest Rate Swaps			46617E-AC-1	JFIN CLO 2014 LTD-SR SECD NOTE CLASS B-1	1	16.369.197	16,212,733
37023 AIM	Evergreen Basket of Long Fixed Rate	·		10,309,197	10,212,733	12/20/2012	12/20/2042	Interest hate owaps				1828 CLO LTD-SR SECD NT CL A-1-S	'		
57629*AH4	ABS Bank Loans and Corp Bonds 1	1		16,040,000	16 , 146 , 153	12/28/2012	12/28/2042	Interest Rate Swaps			282523-AB-5	. 144A	1	16,040,000	16, 146, 153
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		12,700,000	12.725.400	12/28/2012	12/28/2042	Interest Rate Swaps			55818Y-BE-0	MADISON PARK FUNDING LTD-SERIES 15- 17A CLASS B1R	1	12,700,000	12,725,400
	Evergreen Basket of Long Fixed Rate											TRYON PARK CLO LTD-SR SECD NT CL A-			
57629*AH4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		17,900,000	17,945,180	12/28/2012	12/28/2042	Interest Rate Swaps			89852T-AC-2	2 144A	1	17,900,000	17,945,180
57629*AG6	ABS Bank Loans and Corp Bonds 1	1	100,000,000	5,400,000	9,964,562	12/28/2012	12/28/2042	Interest Rate Swaps		4,551,505	38137D-AG-2	NT CL C-1	1	5,400,000	5,413,057
57629*AG6	Evergreen Basket of Long Fixed Rate			10,100,000	10.103.091	12/28/2012	12/28/2042	Interest Rate Swaps			09626Y-AC-4	BLUEMOUNTAIN CLO 2013-2 LTD-SR SEC NOTE CL B1	4	10,100,000	10,103,091
5/629^AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		10, 100,000	10, 103,091	12/28/2012	12/28/2042	Interest Hate Swaps			U9626Y-AU-4	PALMER SQUARE CLO LTD-SERIES 2014-	I	10,100,000	10, 103,091
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		10,600,000	10,623,182	12/28/2012	12/28/2042	Interest Rate Swaps			69688X-AL-5	14 CLASS A2R	1	10,600,000	10,623,182
57629*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8.814.404	8.698.783	12/28/2012	12/28/2042	Interest Rate Swaps			78447Y-AD-4	SLM STUDENT LOAN TRUST-SLMA 2013-3	1	8.814.404	8,698,783
	Evergreen Basket of Long Fixed Rate	'		,								WELLFLEET CLO 2016-2 LTD-WELF		, ,	
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		6,911,839	6,914,841	12/28/2012	12/28/2042	Interest Rate Swaps			94949L-AC-4	. 2016-2A A2 LCM XIV LTD PARTNERSHIP-DEF MEZZ NT	1	6,911,839	6,914,841
57629*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		5,056,558	5,013,445	12/28/2012	12/28/2042	Interest Rate Swaps			50184V-AG-9	CL C	1	5,056,558	5,013,445
57000±100	Evergreen Basket of Long Fixed Rate			0.000.000							FFOORT 10 0	MADISON PARK FUNDING LTD-SERIES		0.000.000	
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		8,900,000	8,992,124	12/28/2012	12/28/2042	Interest Rate Swaps			55820T-AC-2	2017-23A CLASS B	1	8,900,000	8,992,124
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		8,650,000	8,683,847	12/28/2012	12/28/2042	Interest Rate Swaps			33882G-AC-2	FLATIRON CLO LTD-FLAT 2017-1A C	1	8,650,000	8,683,847
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6.825.000	6.842.684	12/28/2012	12/28/2042	Interest Rate Swaps			50189G-AC-6	LCM LTD PARTNERSHIP-SERIES 22A CLASS A2	1	6,825,000	6,842,684
3/029"HUD	Evergreen Basket of Long Fixed Rate	!	·		0,84∠,884	12/20/2012	12/20/2042	interest nate owaps			JU 109U-AU-0	BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A	<sup>1</sup>	0,820,000	0,842,884
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		4,250,000	4,301,485	12/28/2012	12/28/2042	Interest Rate Swaps			09626U-AQ-1	BR	1	4,250,000	4,301,485
57629*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		6.350.000	6 431 712	12/28/2012	12/28/2042	Interest Rate Swaps			26249K-AM-3	DRYDEN SENIOR LOAN FUND-SERIES 2014-36A CLASS CR	1	6,350,000	6,431,712
	Evergreen Basket of Long Fixed Rate	•										SLM STUDENT LOAN TRUST-SERIES 2013-			
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		12,761,000	12,809,544	12/28/2012	12/28/2042	Interest Rate Swaps			78447M-AD-0	1 CLASS B	1	12,761,000	12,809,544
57629*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		8,000,000	8,024,832	12/28/2012	12/28/2042	Interest Rate Swaps			14310V-AN-7	CARLYLE GLOBAL MARKET ST-SERIES 2014-2A CLASS CR	1	8,000,000	8,024,832
	Evergreen Basket of Long Fixed Rate			, ,	, , ,							BLUEMOUNTAIN CLO LTD-BLUEM 2013-4A			
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	50,000,000	13,560,000	15,841,759	12/28/2012	12/28/2042	Interest Rate Swaps		2,275,752	09627D-AQ-8	B1R	1	13,560,000	13,566,007
57629*AJ0	ABS Bank Loans and Corp Bonds 1	1	L	10.031.507	10.047.266	12/28/2012	12/28/2042	Interest Rate Swaps			14889K-AC-6	CATAMARAN CLO 2015-1 LTD NT CL B	1	10.031.507	10.047.266

# **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syr	nthetic Asset) Tra	ansactions	Replication	on (Synthet	ic Asset) Tra	nsactions Open as of ( I	Jurrent Statemen		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper		or the riepi		Instrument(s) Held		
	_	NAIC	·		-	-		9	10	11	12	13	14 NAIC	15	16
Number	Description	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	Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
57629*AJ0	Evergreen Basket of Long Fixed Rate			9,438,199	9.415.567	12/28/2012	12/28/2042	Interest Rate Swaps			63940A-AD-0	NAVIENT STUDENT LOAN TRU-SERIES 17- 4A CLASS B	_	9.438.199	0 445 507
5/629^AJU	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,438,199	9,415,56/	12/28/2012	12/28/2042	Interest Hate Swaps			6394UA-AD-U	ARES CLO LTD-SERIES 2015 1-A CLASS	I		9,415,567
57629*AJ0	ABS Bank Loans and Corp Bonds 1	l		9,600,000	9,660,941	12/28/2012	12/28/2042	Interest Rate Swaps			00191Y-AM-6	. A2R	1	9,600,000	9,660,941
57629*AJ0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			7.500.000	7 666 170	12/28/2012	12/28/2042	Interest Rate Swaps			26245C-AE-3	DRYDEN SENIOR LOAN FUND-SERIES 2016-43A CLASS B	1		7,666,170
	Evergreen Basket of Long Fixed Rate			, ,		12/20/2012		interest hate swaps				CENT CDO 14 LTD-SR TERM NT SER		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
57629*AK7	ABS Bank Loans and Corp Bonds	١	50,000,000	7,431,239	9,933,521	12/28/2012	12/28/2042	Interest Rate Swaps		2,275,752	15135D-AC-1	2007-14A CL B	1	7,431,239	7,657,769
57629*AK7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			12.000.000	12.041.820	12/28/2012	12/28/2042	Interest Rate Swaps			03765P-AC-7	APIDOS CLO XX1-SR SECURED NOTE CL A-2	1	12,000,000	12,041,820
	Evergreen Basket of Long Fixed Rate			, ,	, ,			•				GOLDENTREE LOAN OPP X LTD-SR SEC NT			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	-	11,725,000	11,776,778	12/28/2012	12/28/2042	Interest Rate Swaps			38137P-AE-0	CL B	1	11,725,000	11,776,778
57629*AK7	ABS Bank Loans and Corp Bonds 1	l		13,570,000	13,585,022	12/28/2012	12/28/2042	Interest Rate Swaps			48249V-AQ-4	CLASS A2R	1	13,570,000	13,585,022
57629*AK7	Evergreen Basket of Long Fixed Rate			11, 195,000	11,223,592	12/28/2012	12/28/2042	Interest Rate Swaps			26250D-AS-2	DRYDEN XXIV SR LN FD-SR SEC NT CL	4	44 405 000	11,223,592
5/029*AN/	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		11, 195,000	11,223,392	12/28/2012	12/28/2042	interest Hate Swaps			2020U-A5-2	CARLYLE GLOBAL MKT CLO 2013-2 MEZZ		11, 195,000	11,223,392
57629*AL5	ABS Bank Loans and Corp Bonds	l	50,000,000	12,242,404	14, 104, 927	12/28/2012	12/28/2042	Interest Rate Swaps		2,275,752	14310D-AG-2	SEC DEF NT CL C	1	12,242,404	11,829,175
57629*AL5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			11,916,964	12.170.499	12/28/2012	12/28/2042	Interest Rate Swaps			78442G-PL-4	SLM STUDENT LOAN TRUST-SERIES 2005- 4 CLASS B	1	11,916,964	12,170,499
	Evergreen Basket of Long Fixed Rate	'			12, 170, 400			Titterest nate oraps				BOWMAN PARK CLO LTD-BOWPK 2014-1A	·		
57629*AL5	ABS Bank Loans and Corp Bonds	l		8,920,000	8,940,293	12/28/2012	12/28/2042	Interest Rate Swaps			10302V-BC-8	DAKTREE CLO LTD-SERIES 14-1A CLASS	1		8,940,293
57629*AL5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			6.850.000	6.877.188	12/28/2012	12/28/2042	Interest Rate Swaps			674000-AQ-7	A2R	1	6.850.000	6,877,188
	Evergreen Basket of Long Fixed Rate	-		, ,	, ,							WIND RIVER CLO LTD-SERIES 17-2A		, ,	
57629*AL5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,840,000	6,839,419	12/28/2012	12/28/2042	Interest Rate Swaps			88433R-AE-2	CLASS B	1	6,840,000	6,839,419
57629*AL5	ABS Bank Loans and Corp Bonds	l		5,000,000	5,002,255	12/28/2012	12/28/2042	Interest Rate Swaps			50188Y-AB-0	LCM LTD PARTNERSHIP-LCM 24A B	1	5,000,000	5,002,255
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		50.000.000	5,400,000	7.689.787	12/28/2012	12/28/2042	Interest Rate Swaps		0.075.750	12548J-AE-2	CIFC FUNDING LTD-SERIES 17-3A CLASS	_		E 444 00E
3/029*AM3	Evergreen Basket of Long Fixed Rate	l				12/28/2012	. 12/28/2042	interest hate Swaps		2,2/3,/32	12048J-AE-2	NZCG FUNDING LTD-SERIES 2015-2A			5,414,035
57629*AM3	ABS Bank Loans and Corp Bonds	l		10,847,380	10,748,981	12/28/2012	12/28/2042	Interest Rate Swaps			62953G-AC-5	. CLASS A2	1	10,847,380	10,748,981
57629*AM3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			3.050.000	3.086.451	12/28/2012	12/28/2042	Interest Rate Swaps			00191Y-AP-9	ARES CLO LTD-SERIES 2015 1-A CLASS B2R	1	3,050,000	3,086,451
	Evergreen Basket of Long Fixed Rate			, ,	, ,			·				LCM LTD PARTNERSHIP-SERIES 13A			
57629*AM3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,500,000	4,551,435	12/28/2012	12/28/2042	Interest Rate Swaps			50184K-AW-8	CLASS CR	1	4,500,000	4,551,435
57629*AM3	ABS Bank Loans and Corp Bonds	l		5,000,000	5,062,940	12/28/2012	12/28/2042	Interest Rate Swaps			08181L-AA-5	10A A1	1	5,000,000	5,062,940
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			10.000.000	10.025.460	12/28/2012	12/28/2042	Interest Rate Swaps			43132W-AC-4	HILDENE CLO IV LTD-SR SECD NT SER 2015-4A CL A-2	1	10,000,000	10,025,460
	Evergreen Basket of Long Fixed Rate			, ,				·					1		
57629*AM3	ABS Bank Loans and Corp Bonds	l	-	8,750,000		12/28/2012	12/28/2042	Interest Rate Swaps			05618L-AH-9	BABSON CLO LTD-BABSN 2014-IIA CR BALLYROCK LTD-SERIES 16-1A CLASS B1	1		
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	l		3,900,000	3,914,118	12/28/2012	12/28/2042	Interest Rate Swaps			05875F-AC-1	DALLTHUUN LID-SERIES ID-IA ULASS BI	1	3,900,000	3,914,118
E700041014	Evergreen Basket of Long Fixed Rate		50 000	0.500.000		40 /04 /02 12		•		4 500 555	440441 *** 5	CARLYLE GLOBAL MARKET ST-SERIES 14-		2 500 0	
57629*AN1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	50,000,000	6,500,000	8,019,204	12/31/2012	12/31/2042	Interest Rate Swaps		1,502,395	14311A-AN-2	5A CLASS BR	1	6,500,000	6,516,809
57629*AN1	ABS Bank Loans and Corp Bonds 1	l		9,475,000	9,578,192	12/31/2012	12/31/2042	Interest Rate Swaps			26249Q-AG-3		1		9,578,192
57629*AN1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			8.721.693	8.641.681	12/31/2012	12/31/2042	Interest Rate Swaps			39808P-AC-0	GREYWOLF CLO V LTD-SR SECD NT CL A- 2 144A	1	8,721,693	8,641,681
	Evergreen Basket of Long Fixed Rate			, ,	, ,			·				RACE POINT CLO LTD-SERIES 13-8A			
57629*AN1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		7,550,000	7,634,907	12/31/2012	12/31/2042	Interest Rate Swaps			74982L-AS-9	CLASS CRECP CLO 2015-7 LTD SR SECD NT CL A-	1		7,634,907
57629*AN1	ABS Bank Loans and Corp Bonds 1	l <u></u>		8,625,000	8,639,913	12/31/2012	12/31/2042	Interest Rate Swaps			26829C-AC-1	2 144A	1		8,639,913
57000±1214	Evergreen Basket of Long Fixed Rate			0 455 055			10 (01 (02 12				FF047V 10 6	MADISON PARK FDG V LTD-NT CL A-1B		0.455.055	
57629*AN1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	-	6,455,030		12/31/2012	12/31/2042	Interest Rate Swaps			55817X-AB-0	MAGNETITE XVII LTD-DEF MEZZ NT SER	I	6,455,030	6,482,515
57629*AN1	ABS Bank Loans and Corp Bonds 1	l		4,330,000	4,366,060	12/31/2012	12/31/2042	Interest Rate Swaps			55954E-AJ-8	_ 16-17A CL C	1	4,330,000	4,366,060
57629*AP6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	)	50.000.000	13,560,000	15 007 515	12/31/2012	12/31/2042	Interest Rate Swaps		1 502 205	09627R-AL-8	BLUEMOUNTAIN CLO LTD-BLUEM 2014-3A A2AR	1		13,595,120
	Evergreen Basket of Long Fixed Rate			,				·		1,302,393			1		
57629*AP6	ABS Bank Loans and Corp Bonds 2	<u> </u>		15,000,000	14,999,850	12/31/2012	12/31/2042	Interest Rate Swaps			87247U-AU-7	TICP CLO LTD-TICP 2014-3A B1R	1	15,000,000	14,999,850

# **SCHEDULE DB - PART C - SECTION 1**

					Replication	on (Syntheti	ic Asset) Trai	nsactions Open as of Cui	ment Statement						
		Replication (Synt	thetic Asset) Trai			7		Danis setti se Ire	-1		of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8	Derivative in 9	strument(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	Book/Adjusted Carrying Value	Fair Value
57629*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2		12,800,000	12,822,579	12/31/2012	12/31/2042	Interest Rate Swaps			36319G-AP-9	GALAXY CLO LTD-GALXY 2014-18A AR	1	12,800,000	12,822,579
	Evergreen Basket of Long Fixed Rate							·				CARLYLE GLOBAL MARKET ST-CGMS 2014-	'		
57629*AP6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	2		9,600,000	9,647,462	12/31/2012	12/31/2042	Interest Rate Swaps			14308L-AS-2	3A A2R Waters Corporation Gtd Senior Note	1	9,600,000	9,647,462
57629*AP6	. ABS Bank Loans and Corp Bonds	2		2,000,000	2,004,646	12/31/2012	12/31/2042	Interest Rate Swaps			941848-D0-9		2	2,000,000	2,004,646
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50,000,000	14,300,000	15,848,956	12/31/2012	12/31/2042	Interest Rate Swaps		1,502,395	55820J-AC-4	MADISON PARK FUNDING LTD-SERIES 2016-21A CLASS A2	1	14,300,000	14,346,561
	Evergreen Basket of Long Fixed Rate							·							
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		13,849,376	13,778,146	12/31/2012	12/31/2042	Interest Rate Swaps			948214-AC-5	WEBSTER PK CLO SR SECD NT CL A-2 OHA LN FDG 2013-2 LTD-MEZZ SECD DEF	1	13,849,376	13,778,146
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,754,989	6,613,636	12/31/2012	12/31/2042	Interest Rate Swaps			67104L-AC-1	NT CL CALM LOAN FUNDING-SERIES 13-8A CLASS	1	6,754,989	6,613,636
57629*AQ4	_ ABS Bank Loans and Corp Bonds	1		4,350,000	4,383,064	12/31/2012	12/31/2042	Interest Rate Swaps			020053-AS-3	A1R	1	4,350,000	4,383,064
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		2.700.000	2.711.216	12/31/2012	12/31/2042	Interest Rate Swaps			87154E-AN-0	SYMPHONY CLO LTD-SERIES 14-15A CLASS CR	1	2.700.000	2,711,216
57000+104	Evergreen Basket of Long Fixed Rate			0.004.000	0.744.004						5000011 10 5	MILL CREEK CLO II LTD-SR SECD NT CL	_		
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate				8,741,081	12/31/2012	12/31/2042	Interest Rate Swaps			59983H-AB-5	B-1 144A RESOURCE EUROPE CLO I BV-SR SECD			8,741,081
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	50,000,000	5,263,544	6,315,896	12/31/2012	12/31/2042	Interest Rate Swaps		1,502,395	BCCOXF-V8-9	REG NT CL A	1	5,263,544	4,813,501
57629*AR2	. ABS Bank Loans and Corp Bonds	1		7,400,000	7,427,913	12/31/2012	12/31/2042	Interest Rate Swaps			92916M-AC-5	VOYA CLO LTD-VOYA 2017-1A B	1	7,400,000	7,427,913
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,350,000	5,384,529	12/31/2012	12/31/2042	Interest Rate Swaps			69689A-AN-0	PALMER SQUARE CLO LTD-SERIES 15-1A CLASS A2R	1	5,350,000	5,384,529
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4.500.000	4,515,791	12/31/2012	12/31/2042	Interest Rate Swaps			26244M-AC-6	DRYDEN SENIOR LOAN FUND-DRSLF 2016- 45A B	4	4,500,000	4,515,791
	Evergreen Basket of Long Fixed Rate			,,				·				BLUEMOUNTAIN CLO 2016-1 LTD -SR SEC			
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7 , 150 , 000	7, 175,797	12/31/2012	12/31/2042	Interest Rate Swaps			09628Q-AC-9	NT CL B DENALI CAPITAL CLO X LTD-SR SECD CL	1	7,150,000	<i>7</i> , 175 , 797
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,700,000	3,703,626	12/31/2012	12/31/2042	Interest Rate Swaps			24823B-AC-4	A2L 144A BABSON CLO LTD 2016-I SECD DEF MEZZ	1	3,700,000	3,703,626
57629*AR2	_ ABS Bank Loans and Corp Bonds	1		8,025,000	8,076,914	12/31/2012	12/31/2042	Interest Rate Swaps			05618P-AJ-6	CL C	1	8,025,000	8,076,914
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		12.740.000	12.865.897	12/31/2012	12/31/2042	Interest Rate Swaps			09626U-AN-8	BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A A2R	1	12.740.000	12,865,897
57629*AS0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		50,000,000	9,245,080	10,609,393	12/31/2012	12/31/2042	Interest Rate Swaps		1,502,395	46616K-AE-4	JFIN CLO 2013 LTD SR SECD DEF NT CL	4	9,245,080	9,106,998
	Evergreen Basket of Long Fixed Rate	1	50,000,000					·		1,502,595		D	I		
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,665,312	11,326,973	12/31/2012	12/31/2042	Interest Rate Swaps			03764D-AD-3	APIDOS CLO XII MEZZ DEF NT CL C LCM XV LTD PARTNERSHIP-SR SECD NT	1	11,665,312	11,326,973
57629*AS0	. ABS Bank Loans and Corp Bonds	1		14,850,419	14,510,774	12/31/2012	12/31/2042	Interest Rate Swaps			50184V-AE-4	SER 15A CL C	1	14,850,419	14,510,774
57629*AS0	Evergreen Basket of Long Fixed Rate - ABS Bank Loans and Corp Bonds	1		10,000,000	10,067,180	12/31/2012	12/31/2042	Interest Rate Swaps			50188Q-AE-1	LCM XIX LTD PARTNERSHIP DEF MEZZ NT CL C	1	10,000,000	10,067,180
57629*AS0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.675.000	10.694.610	12/31/2012	12/31/2042	Interest Rate Swaps			38137Q-AC-2	GOLDENTREE LOAN OPPORTUN-GOLD9 2014-9A B1R	1	10,675,000	10,694,610
	Evergreen Basket of Long Fixed Rate		50,000,000	, , ,				·		4 500 005		CENT CLO 18 LP-DEF NT SER 2013-18A			
57629*AT8	_ ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	50,000,000	5,071,497	6,403,400	12/31/2012	12/31/2042	Interest Rate Swaps	<b> </b>	1,502,395		CL C-1 144AGOLDENTREE LOAN OPPORTUN-SERIES	1	5,071,497	4,901,005
57629*AT8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		12,325,000	12,338,570	12/31/2012	12/31/2042	Interest Rate Swaps			38137L-AQ-2	2014-8A CLASS B1RKKR FINANCIAL CLO LTD-SERIES 17	1	12,325,000	12,338,570
57629*AT8	_ ABS Bank Loans and Corp Bonds	1		5,900,000	5,904,372	12/31/2012	12/31/2042	Interest Rate Swaps			48251F-AB-7	CLASS B	1	5,900,000	5,904,372
57629*AT8	Evergreen Basket of Long Fixed Rate BS Bank Loans and Corp Bonds	1		5,850,000	5,869,890	12/31/2012	12/31/2042	Interest Rate Swaps			55818M-AQ-0	MADISON PARK FUNDING LTD-MDPK 2014- 13A BR1	1	5,850,000	5,869,890
57629*AT8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		21,750,000	21.785.192	12/31/2012	12/31/2042	Interest Rate Swaps			39808P-AA-4	GREYWOLF CLO V LTD SR SECD NT CL A-	1	21.750.000	21,785,192
	Evergreen Basket of Long Fixed Rate			, , ,				·			-	IDEA WALL OLD TO TO TO		, , ,	
57629*AW1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	55,000,000	23, 138, 700	25,445,547	04/09/2013	04/09/2043	Interest Rate Swaps		2,595,519	04014J-AA-2	ARES XXVI CLO LTD SR NT CL A GT LOAN FINANCING LTD-SERIES 2013-	1	23, 138, 700	22,850,028
57629*AW1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,816,327	4,812,887	04/09/2013	04/09/2043	Interest Rate Swaps			36248M-AB-3	1A CLASS B	1	4,816,327	4,812,887
57629*AW1	. ABS Bank Loans and Corp Bonds	1		6, 100,000	6, 128, 231	04/09/2013	04/09/2043	Interest Rate Swaps			72349B-AL-8	1A CLASS CR	1	6,100,000	6, 128, 231
57629*AW1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6,100,000	6,112,139	04/09/2013	04/09/2043	Interest Rate Swaps			94951M-AC-7	WELLFLEET CLO 2017-2 LTD-SERIES 17- 2A CLASS A2	1	6,100,000	6,112,139

# **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	neactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of C I	Jurrent Statemen		of the Reni	ication (Synthetic Asset) Trans	eactions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		Ur the rtepi		n Instrument(s) Held		
	_	ū		Ů	ŭ			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*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4.330.000	4,356,560	04/09/2013	04/09/2043	Interest Rate Swaps			64130H-AE-1	NEUBERGER BERMAN CLO LTD-NEUB 2017- 24A C		4,330,000	4,356,560
3/029 AII 1	Evergreen Basket of Long Fixed Rate	·		4,330,000	4,330,300	04/03/2013	. 04/09/2043	interest nate owaps			0413011-AL-1	NEUBERGER BERMAN CLO LTD-NEUB 2013-			4,030,300
57629*AW1	ABS Bank Loans and Corp Bonds 1	1		13,560,000	13,653,089	04/09/2013	04/09/2043	Interest Rate Swaps			64129J-AQ-3	_ 14A A1R	1	13,560,000	13,653,089
57629*AV3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		60.000.000	22.400.000	05 004 400	04/09/2013	04/09/2043	Interest Rate Swaps		0.004.470	04941G-AC-2	ATLAS SENIOR LOAN FUND L-SERIES 2013-1A CLASS B	,	22,400,000	22,402,710
3/029"AV3	Evergreen Basket of Long Fixed Rate	l		22,400,000	23,234,100	04/09/2013	. 04/09/2043	Interest hate Swaps			0494 IG-AC-2	GOLDENTREE LOAN OPP VII LTD-SR SEC	1	22,400,000	22,402,710
57629*AV3	ABS Bank Loans and Corp Bonds	1		9,150,000	9, 180, 771	04/09/2013	04/09/2043	Interest Rate Swaps			38137D-AC-1	NT CL B-1	1		9, 180, 771
570004440	Evergreen Basket of Long Fixed Rate			40,000,000	40.074.000	0.4.400.400.40	0.4./00./00.40				4404011 40 0	CARLYLE GLOBAL MARKET ST-SERIES		40.000.000	40.074.000
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		10,000,000	10,071,300	04/09/2013	04/09/2043	Interest Rate Swaps			14310M-AS-6	. 2014-1A CLASS CREATON VANCE CDO LTD-SERIES 2013-1A	1	10,000,000	10,071,300
57629*AV3	ABS Bank Loans and Corp Bonds	1		12,750,000	12,881,899	04/09/2013	04/09/2043	Interest Rate Swaps			27830B-AQ-7	CLAS A2R	1	12,750,000	12,881,899
	Evergreen Basket of Long Fixed Rate											OHA CREDIT PARTNERS LTD-SERIES			
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		12,800,000	12,852,749	04/09/2013	04/09/2043	Interest Rate Swaps			67102Q-AK-4	. 2012-7A CLASS B1R	1 	12,800,000	12,852,749
57629*AX9	ABS Bank Loans and Corp Bonds	1	55,000,000	7,888,231	10,512,587	04/09/2013	04/09/2043	Interest Rate Swaps		2,691,613	50184V-AG-9	CL C	1	7,888,231	7,820,974
	Evergreen Basket of Long Fixed Rate											LCM XVIII LTD PARTNERSHIP-SR NT SEF			
57629*AX9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		12,500,000	12,527,575	04/09/2013	. 04/09/2043	Interest Rate Swaps			50188G-AE-3	. 18A CL B-1 OHA LN FDG 2013-2 LTD-SR SECD NT CL	1	12,500,000	12,527,575
57629*AX9	ABS Bank Loans and Corp Bonds	1		3, 131, 225	3.029.960	04/09/2013	04/09/2043	Interest Rate Swaps			67104L-AB-3	B	1	3,131,225	3,029,960
	Evergreen Basket of Long Fixed Rate				, ,,			·				SLM STUDENT LOAN TRUST-SERIES 2005-			
57629*AX9	ABS Bank Loans and Corp Bonds	1		8,583,329		04/09/2013	04/09/2043	Interest Rate Swaps			78442G-QA-7	RACE POINT CLO LTD-SERIES 13-8A	1		8,727,785
57629*AX9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.775.000	10 835 803	04/09/2013	04/09/2043	Interest Rate Swaps			74982L-AQ-3	CLASS BR	1	10,775,000	10,835,803
	Evergreen Basket of Long Fixed Rate			, ,	, ,										
57629*AX9	ABS Bank Loans and Corp Bonds	1		13,000,000	13,056,563	04/09/2013	04/09/2043	Interest Rate Swaps			26244Y-AC-0	DRYDEN 42 SR LN FD-SR SEC NT CL B .	1	13,000,000	13,056,563
57629*AY7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	55,000,000	20,859,022	23 652 364	04/09/2013	04/09/2043	Interest Rate Swaps		2 691 613	27829K-AE-7	EATON VANCE CDO LTD-SERIES 2007-10/ CLASS B2	1	20.859.022	20.960.751
07020 7117	Evergreen Basket of Long Fixed Rate	'		20,000,022	20,002,004	0-17 007 20 10	047 007 2040	Titorost nato snaps		2,001,010	ETOLOR NE T	LCM XIV LTD PARTNERSHIP-SR NT SER		20,000,022	20,000,701
57629*AY7	ABS Bank Loans and Corp Bonds	1		3, 109, 153	3,073,026	04/09/2013	04/09/2043	Interest Rate Swaps			50184V-AC-8	14A CL A 144A	1	3, 109, 153	3,073,026
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8.610.000	8 671 226	04/09/2013	04/09/2043	Interest Rate Swaps			860444-AC-2	Stewart Park CLO Ltd -SR SECURED NOTE CLASS B 144A	1	8,610,000	
07020 7117	Evergreen Basket of Long Fixed Rate				5,011,220	0-17 007 20 10	047 007 2040	Titorost nato snaps				ECP CLO 2015-7 LTD SR SECD DEF NT		9,010,000	5,071,220
57629*AY7	ABS Bank Loans and Corp Bonds	1		8,653,406	8,585,823	04/09/2013	04/09/2043	Interest Rate Swaps			26829C-AJ-6	CL B-1	1		
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		5.190.000	5 204 506	04/09/2013	04/09/2043	Interest Rate Swaps			00900A-AN-8	AIMCO-SERIES 14-AA CLASS C1R	1	5.190.000	5,204,506
07020 7117	Evergreen Basket of Long Fixed Rate					0-17 007 20 10	047 007 2040	Titorost nato onapo			OCCOON THE C	LCM XIX LTD PARTNERSHIP SR NT CL B		5, 100,000	0,204,000
57629*AY7	ABS Bank Loans and Corp Bonds	1		7,000,000	7,024,913	04/09/2013	04/09/2043	Interest Rate Swaps			50188Q-AC-5	·	1		7,024,913
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4.825.000	4 834 882	04/09/2013	04/09/2043	Interest Rate Swaps			89473L-AB-0	TREMAN PK CLO LTD SR SECD NT CL B-1	1	4.825.000	4,834,882
07020 MT7	Evergreen Basket of Long Fixed Rate					0-17 007 20 10	047 007 2040	Titorost nato snaps			COTTOL NO C			1,020,000	
57629*AU5	ABS Bank Loans and Corp Bonds	1	55,000,000	28,740,601	31,263,293	04/09/2013	04/09/2043	Interest Rate Swaps		2,360,938	67110H-AA-6 .	OZLM XIV LTD SR SECD NT CL A-1A	1	28,740,601	28,902,355
57629*AU5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		15.000.000	15 011 120	04/09/2013	04/09/2043	Interest Rate Swaps			08179C-AE-1	BENEFIT STREET PARTNERS -BSP 2017- 11A A2A	<b> </b>	15.000.000	15,011,130
37023 A03	Evergreen Basket of Long Fixed Rate	'			, , ,			Titterest flate owaps				LCM XXI LTD PARTNERSHIP-SR NT SER	'	10,000,000	
57629*AU5	ABS Bank Loans and Corp Bonds	1	ļ	13,000,000	13,054,145	04/09/2013	04/09/2043	Interest Rate Swaps			50189C-AE-1	21A CL B-1	1	13,000,000	13,054,145
57629*BA8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	60.000.000	38.037.962	40 574 060	04/09/2013	04/09/2043	Interest Rate Swaps		2.575.568	04941G-AA-6	ATLAS SENIOR LOAN FUND L-SERIES 2013-1A CLASS A	<b> </b> ,		37,999,392
31023 DAO	Evergreen Basket of Long Fixed Rate			902, ادن, ولا	900, 374, 900	0+/ 03/ 20 13	. 04/ 03/ 2043	mitorest nate swaps		∠,5/5,508	0434 IU-MA-0	CARLYLE GLOBAL MKT CLO 2013-3 SR	'		
57629*BA8	ABS Bank Loans and Corp Bonds	1		25,206,405	24,964,571	04/09/2013	04/09/2043	Interest Rate Swaps			14310G-AA-8 _	SEC NT CL A1	1	25,206,405	24,964,571
57629*BB6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50.000.000	40.000.000	VO 000 015	04/09/2013	04/09/2043	Interest Rate Swaps		0 155 100	87247U-AS-2	TICP CLO LTD-TICP 2014-3A AR	<b> </b> ,	40.000.000	40,067,680
3/029"DD0	Evergreen Basket of Long Fixed Rate	I		40,000,000	42,222,810	04/ 03/ 20 13	. 04/08/2043	interest hate swaps		∠, ౹ɔɔ, lɔo	012410-40-2	GOLDENTREE LOAN OPP X LTD-SR SEC NT	1	40,000,000	40,007,080
57629*BB6	ABS Bank Loans and Corp Bonds 1	1		5,100,000	5, 122, 522	04/09/2013	04/09/2043	Interest Rate Swaps			38137P-AE-0 _	CL B	1	5, 100,000	5, 122, 522
57629*BB6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4,000,000	4 000 000	04/09/2013	04/09/2043	Interest Rate Swaps			941848-D@-9	Waters Corporation Gtd Senior Note		4.000.000	4,009,292
3/0297886	Evergreen Basket of Long Fixed Rate	I		4,000,000	4,009,292	04/09/2013	. 04/09/2043	interest hate swaps			34 1848-D9-9	KINGSLAND VI LTD-SECD DEF MEZZ NT	4	4,000,000	4,009,292
57629*BB6	ABS Bank Loans and Corp Bonds 1	1		948,687	922,089	04/09/2013	04/09/2043	Interest Rate Swaps			49638W-AD-8	CL C 144A	1	948,687	922,089
57000+DD0	Evergreen Basket of Long Fixed Rate			204 204	074 175	04/00/0040	04 (00 (0040				440400 40 0	CARLYLE GLOBAL MKT CLO 2013-2 MEZZ	L	004 004	074 175
57629*BB6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I			6/1,175	04/09/2013	04/09/2043	Interest Rate Swaps			14310D-AG-2	SEC DEF NT CL C		694,621	671, 175
57629*BB6	ABS Bank Loans and Corp Bonds	1		500,000	501,053	04/09/2013	04/09/2043	Interest Rate Swaps			67590B-AE-0	SECD NT CL C1	1	500,000	501,053

# **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	nthetic Asset) Tra	insactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of Cu I	urrent Statemen		of the Renl	ication (Synthetic Asset) Trans	eactions		
1	2	3	4	5	6	7	8	Derivative I	nstrument(s) Open		or the riepi		n Instrument(s) Held		
	_	· ·	•		ŭ	,	Ü	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*AZ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50.000.000	60.500.000	62.682.059	04/09/2013	04/09/2043	Interest Rate Swaps		2.155.136	126612-AJ-9	CVP CASCADE CLO LTD-CVPC 2013-CL01	1	60,500,000	60,526,923
	·							·		, , , , , , , , , , , , , , , , , , , ,		Fletcher Building Intern Gtd Senior			
92553PA*3	Viacom, Inc. Senior Note	2	20,000,000	23,669,955	25,291,682	12/20/2013	03/20/2019	5 Yr Credit Default Swap	169,955	194,622	Q3915#-AB-2	Note VOYA CLO LTD-SERIES 2017-3A CLASS	2	23,500,000	25,097,060
57629*BD2	ABS Bank Loans and Corp Bonds	1	100,000,000	6,800,000	19,693,264	03/05/2014	03/05/2034	Interest Rate Swaps		12,887,538	92915Q-AE-3	. A1B	1	6,800,000	6,805,726
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		6,780,000	6,779,919	03/05/2014	03/05/2034	Interest Rate Swaps			88434G-AC-9	THL CREDIT WIND RIVER 20-SERIES 2017-3A CLASS B	1	6,780,000	6,779,919
57629*BD2	Evergreen Basket of Long Fixed Rate			4 000 000	4 044 754	00 (05 (0044	03/05/2034				48249V-AS-0	KKR FINANCIAL CLO LTD-SERIES 13-1A		4 000 000	4 044 754
	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		4,920,000		03/05/2014		Interest Rate Swaps				CLASS BR		4,920,000	4,941,751
57629*BD2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	21,100,000	21,245,442	03/05/2014	03/05/2034	Interest Rate Swaps			55818Y-BA-8	. 17A CLASS AR	1	21,100,000	21,245,442
57629*BD2	ABS Bank Loans and Corp Bonds	1		21,015,000	21, 130, 561	03/05/2014	03/05/2034	Interest Rate Swaps			48249V-AN-1	CLASS A1R	1	21,015,000	21, 130, 561
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		20,800,000	20,856,826	03/05/2014	03/05/2034	Interest Rate Swaps			22616C-AA-1	CRESTLINE DENALI CLO XV -SERIES 17- 1A CLASS A	1	20,800,000	20,856,826
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8.060.000	8.109.287	03/05/2014	03/05/2034	Interest Rate Swaps			74983D-AC-1	RACE POINT X CLO LTD SR SECD NT CL R-1	1		
	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	I		12,200,000	12,260,183		03/05/2034	Interest Rate Swaps			55818P-AS-9	12A CR	'	12,200,000	12,260,183
57629*BC4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	100,000,000	20,049,799	31,742,394	03/05/2014	03/05/2034	Interest Rate Swaps		12,915,394	346845-AC-4	. FORT BENNING FAM-UNSECURED	1	20,049,799	18,827,000
57629*BC4	ABS Bank Loans and Corp Bonds	1		11,800,000	11,818,078	03/05/2014	03/05/2034	Interest Rate Swaps			14311D-AY-2	1A CLASS BR	1	11,800,000	11,818,078
57629*BC4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		11,182,086	11, 176, 394	03/05/2014	03/05/2034	Interest Rate Swaps			38021X-AB-8	GOAL STRUCTURED SOLUTION-SERIES 2016-A CLASS A2	1	11, 182, 086	11, 176, 394
57629*BC4	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		44,657,995	<i>4</i> 5 685 800	03/05/2014	03/05/2034	Interest Rate Swap			16892D-AC-2	CHINA SOUTHERN POWER GRI-SENIOR UNSECURED	1	44.657.995	45,685,800
	Evergreen Basket of Long Fixed Rate			, , , , , , , , , , , , , , , , , , , ,										, , , , , , , , , , , , , , , , , , , ,	
57629*BC4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	4,035,571	4,265,606	03/05/2014	03/05/2034	Interest Rate Swaps			29365T-AA-2	ENTERGY TEXAS INC-NOTETHAYER PARK CLO LTDTHAYR 2017-1A	1	4,035,571	4,265,606
57629*BC4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		10,850,000	10,849,816	03/05/2014	03/05/2034	Interest Rate Swaps			883310-AC-8	. A2	1	10,850,000	10,849,816
57629*BE0	ABS Bank Loans and Corp Bonds	1	150,000,000	116,608,603	140,226,422	05/19/2014	05/19/2044	Interest Rate Swaps		22,040,761	77277L-G0-1	VAR FDG NT	1	116,608,603	118, 185,661
57629*BE0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12.100.000	12, 153, 131	05/19/2014	05/19/2044	Interest Rate Swaps			40436Q-AC-6	HIGHBRIDGE LOAN MANAGEME-HLM 9A- 2016 A2	1	12,100,000	12, 153, 131
57629*BE0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			12.070.000	10.010.005	05/19/2014	05/19/2044	Interest Rate Swaps			14312L-AC-1	CARLYLE GLOBAL MKT CLO 2016-2 SR SEC NT CL A2A	4	12,070,000	12,212,885
	Evergreen Basket of Long Fixed Rate	l	-	, ,	, ,			·				BLUEMOUNTAIN CLO LTD-BLUEM 2014-3A			
57629*BE0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		9, 100,000	9, 142, 379	05/19/2014	05/19/2044	Interest Rate Swaps			09627R-AN-4	BRHIGHBRIDGE LOAN MANAGEME-HLM 11A-17	1 		9, 142, 379
57629*BE0	ABS Bank Loans and Corp Bonds	1		9,100,000	9, 149, 613	05/19/2014	05/19/2044	Interest Rate Swaps			40436V-AC-5	c	1		9, 149, 613
57629*BE0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8,950,000	9,050,079	05/19/2014	05/19/2044	Interest Rate Swaps			50184N-AP-7	LCM LTD PARTNERSHIP-SERIES 15A CLASS CR	1		9,050,079
57629*BF7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125,000,000	20.000.000	32.150.470	05/19/2014	05/19/2034	Interest Rate Swaps		12.079.990	67105V-AW-4	OHA CREDIT PARTNERS LTD-OAKC 2013- 9A B1R	1	20,000,000	20,070,480
	Evergreen Basket of Long Fixed Rate		20,000,000	, ,				·		2,0.0,000		KINGSLAND VI LTD-SECD DEF MEZZ NT	4		
57629*BF7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I	-	39, 121,811		05/19/2014	05/19/2034	Interest Rate Swaps			49638W-AD-8	CL C 144A	1	39, 121,811	38,024,966
57629*BF7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		20,000,000	20,038,980	05/19/2014	05/19/2034	Interest Rate Swaps			872455-AS-9	. TICP CLO LTD-TICP 2014-1A A2BR SYMPHONY CLO LTD-SERIES 13-12A	1	20,000,000	20,038,980
57629*BF7	ABS Bank Loans and Corp Bonds	1		20,000,000	19,999,840	05/19/2014	05/19/2034	Interest Rate Swaps			13080B-AB-7	CLASS B1R	1	20,000,000	19,999,840
57629*BF7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		20,000,000	20,058,240	05/19/2014	05/19/2034	Interest Rate Swaps			00164K-AJ-6	ALM LOAN FUNDING-SERIES 14-14A CLASS A1R	1	20,000,000	20,058,240
57629*BF7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		9.000.000	9 024 003	05/19/2014	05/19/2034	Interest Rate Swaps			67104C-AC-1	OAK HILL CREDIT PARTNERS-SERIES 2013-8A CLASS C	1	9.000.000	9,024,093
	Evergreen Basket of Long Fixed Rate			,	, ,					a		HILDENE CLO LTD-SERIES 13-1A CLASS		,	
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	150,000,000	95,000,000	11/,3/9,408	05/19/2014	05/19/2044	Interest Rate Swaps		22,336,753	43132R-AQ-4	_ IAH	1	95,000,000	95,042,655
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		34,000,000	34,041,140	05/19/2014	05/19/2044	Interest Rate Swaps			03765D-AN-0	APIDOS CLO-APID 2014-18A A2AR BIRCHWOOD PARK CLO LTD-BRCHW 2014-	1	34,000,000	34,041,140
57629*BG5	ABS Bank Loans and Corp Bonds	1		11,350,000	11,373,494	05/19/2014	05/19/2044	Interest Rate Swaps			09073V-AS-3	1A B1R	1	11,350,000	11,373,494

# **SCHEDULE DB - PART C - SECTION 1**

		Renlication (Syr	nthetic Asset) Tra	ansactions	Replicati	on (Syntheti	ic Asset) Tra	nsactions Open as of C I	Jurrent Statemen		of the Ren	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		l the riep		Instrument(s) Held		
	_	•			•	-		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
57000+D05	Evergreen Basket of Long Fixed Rate			7 050 400	7 400 000	05 (40 (004 4	05 (40 (00 44				000045 40 5	GOAL CAPITAL FUNDING TRU-SERIES		7 050 400	7 400 000
57629*BG5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,359,463	7,430,832	05/19/2014	05/19/2044	Interest Rate Swaps			38021B-AG-5 .	. 2006-1 CLASS B	1	7,359,463	7,430,832
57629*BG5	ABS Bank Loans and Corp Bonds	1		4,102,410	4,371,450	05/19/2014	05/19/2044	Interest Rate Swaps			429827-AS-7	2004-1 CLASS B2	1	4,102,410	4,371,450
	Evergreen Basket of Long Fixed Rate							· ·				ALM LOAN FUNDING-SERIES 2013-7R2A			
57629*BH3	ABS Bank Loans and Corp Bonds	1	150,000,000	15,000,000		05/19/2014	05/19/2044	Interest Rate Swaps		22,283,626	00164B-AS-6 .	CLASS A2R	1	15,000,000	15, 111,600
57629*BH3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		15.000.000	15 087 000	05/19/2014	05/19/2044	Interest Rate Swaps			09627V-AS-4	BLUEMOUNTAIN CLO LTD-SERIES 2014-4A CLASS B1R	1	15,000,000	15,087,000
37023 BIO	Evergreen Basket of Long Fixed Rate	'	-	10,000,000	13,007,000	03/ 13/ 2014	03/ 13/ 2044	Interest nate owaps			030211 A0 4 _	GOLDENTREE LOAN OPPORTUN-GLD11	'		10,007,000
57629*BH3	ABS Bank Loans and Corp Bonds	1		15,000,000	15,023,730	05/19/2014	05/19/2044	Interest Rate Swaps			38137F-AE-2 .	2015-11A BR	1	15,000,000	15,023,730
57000±010	Evergreen Basket of Long Fixed Rate			45 000 000	45 004 005	05 (40 (004 4	05/19/2044				67091H-AK-7	OHA LOAN FUNDING LTD-OHALF 2012-1A		45 000 000	45 004 005
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		15,000,000	15,091,905	05/19/2014	05/ 19/2044	Interest Rate Swaps			6709 IH-AK-7_	BLUEMOUNTAIN CLO LTD-SERIES 16-2A	I	15,000,000	15,091,905
57629*BH3	ABS Bank Loans and Corp Bonds	1		14,600,000	14,893,898	05/19/2014	05/19/2044	Interest Rate Swaps			09628W-AC-6 .	CLASS A2	1		14,893,898
	Evergreen Basket of Long Fixed Rate							l							
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	13,900,000	13,930,566	05/19/2014	05/19/2044	Interest Rate Swaps	}		92915P-AB-1 _	VOYA CLO LTD-INGIM 2014-1A A2AR BLUEMOUNTAIN CLO LTD-BLUEM 2012-2A	1	13,900,000	13,930,566
57629*BH3	Levergreen Basket of Long Fixed Hate	1		13.850.000	13 941 549	05/19/2014	05/19/2044	Interest Rate Swaps			09626R-AQ-8 .	BR BR	1	13,850,000	13,941,549
07020 010	Evergreen Basket of Long Fixed Rate			10,000,000		00/ 10/ 20 14	00/ 10/ 2011	Interest nate snaps			0002011 714 0 1	BRISTOL PARK CLO LTD-SERIES 2016-1A	'		
57629*BH3	ABS Bank Loans and Corp Bonds	1		13,850,000	13,935,164	05/19/2014	05/19/2044	Interest Rate Swaps			11014P-AB-1 .	CLASS B	1	13,850,000	13,935,164
57629*BH3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			12.625.000	10 040 000	05/19/2014	05/19/2044	Interest Rate Swaps			88433A-AC-3	THL CR WIND RIV 2016-1 CLO-SR SECD NT CL B 144A	4		12,649,808
3/629°BH3	Evergreen Basket of Long Fixed Rate	I		12,020,000	12,049,808	05/ 19/ 2014	05/ 19/ 2044	Interest Hate Swaps			88433A-AU-3	BAIN CAPITAL CREDIT CLO -SERIES BCC		12,020,000	12,049,808
57629*BH3	ABS Bank Loans and Corp Bonds	1		12,150,000	12,205,295	05/19/2014	05/19/2044	Interest Rate Swaps			056828-AC-0 .	2016-2A CLASS B	1	12,150,000	12,205,295
	Evergreen Basket of Long Fixed Rate											DRB PRIME STUDENT LOAN T-SERIES			
57629*BH3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,895,518	7 , 046 , 243	05/19/2014	05/19/2044	Interest Rate Swaps			23340L-AA-2	DRYDEN 30 SR LN FD-MEZZ SEC DEF NT	1	6,895,518	7,046,243
57629*BH3	ABS Bank Loans and Corp Bonds	1		4.781.949	4.728.567	05/19/2014	05/19/2044	Interest Rate Swaps			26249B-AE-1 .	CL C	1	4.781.949	4,728,567
	Evergreen Basket of Long Fixed Rate			, , , , ,								KINGSLAND VI LTD-SR SECD NT CL A1		, , , ,	
57629*BJ9	ABS Bank Loans and Corp Bonds	1	150,000,000	142,236,770	161,936,688	05/19/2014	05/19/2044	Interest Rate Swaps		21,919,328	49638W-AB-2 .	144A	1	142,236,770	140,017,360
57629*BJ9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		10,722,362	10 860 028	05/19/2014	05/19/2044	Interest Rate Swaps			05617W-AA-1 .	BABSON CLO LTD 2013-I-SR SECD NT CL A 144A	1	10,722,362	10,869,028
37023 003	Evergreen Basket of Long Fixed Rate	'		10,722,002	10,003,020	03/ 13/ 2014	03/ 13/ 2044	Interest nate owaps			0301711 AA 1 .	KINGSLAND VII LTD-SR SECD NT CL A	'		10,000,020
57629*BK6	ABS Bank Loans and Corp Bonds	1	150,000,000	145,316,057	165,010,133	05/19/2014	05/19/2044	Interest Rate Swaps		21,919,328	49638Y-AA-0 .	144A	1	145,316,057	143,090,805
57629*BK6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			15.387.549	15.399.551	05/19/2014	05/19/2044	Interest Rate Swaps			056162-AC-4	BABSON CLO LTD-SERIES 15-IA CLASS B	4	15.387.549	15,399,551
3/029"DN0	Evergreen Basket of Long Fixed Rate	1			13,399,331	03/ 19/ 2014	03/ 19/ 2044	Interest hate swaps			030102-AC-4 .	SALEM FIELDS CLO LTD-SERIES 16-2A	I		
57629*BK6	ABS Bank Loans and Corp Bonds	1		9, 150,000	9, 198, 605	05/19/2014	05/19/2044	Interest Rate Swaps			79410U-AC-5	CLASS A2	1		
57000±01.4	Evergreen Basket of Long Fixed Rate		450 000 000	40.040.070	0.4 00.4 4.4	05 (40 (0044	05 (40 (00 44			04 000 044	2024011 11 5	GT LOAN FINANCING LTD-SERIES 2013-		40.040.070	40 044 400
57629*BL4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	150,000,000	40,649,678		05/19/2014	05/19/2044	Interest Rate Swaps		21,980,044	36248M-AA-5 .	1A CLASS ABAIN CAPITAL CREDIT CLO -SERIES	1	40,649,678	40,014,400
57629*BL4	ABS Bank Loans and Corp Bonds	1		45,000,000	45. 161. 325	05/19/2014	05/19/2044	Interest Rate Swaps			14954W-AL-0 .	2017-2A CLASS AR	1	45.000.000	45, 161, 325
	Evergreen Basket of Long Fixed Rate				, ,						l	ATLAS SENIOR LOAN FUND L-SERIES		,	
57629*BL4	ABS Bank Loans and Corp Bonds	1	-	25,300,000	25,327,678	05/19/2014	05/19/2044	Interest Rate Swaps			04943A-AC-3	. 2017-8A CLASS BLCM XIV LTD PARTNERSHIP-SR NT SER	1	25,300,000	25,327,678
57629*BL4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		32,448,012	32.070.976	05/19/2014	05/19/2044	Interest Rate Swaps			50184V-AC-8	14A CL A 144A	1	32,448,012	32,070,976
	Evergreen Basket of Long Fixed Rate							· ·			· · ·	SYMPHONY CLO LTD-SYMP 2014-14A B1R			
57629*BL4	ABS Bank Loans and Corp Bonds	1	.	12,800,000	12,860,890	05/19/2014	05/19/2044	Interest Rate Swaps			87159Q-BG-2 .	OTTER E OPTER OLD THE TOTAL OL	1	12,800,000	12,860,890
57629*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	150.000.000	45.000.000	67 127 //20	05/19/2014	05/19/2044	Interest Rate Swaps		21 005 222	85815X-AQ-6	STEELE CREEK CLO LTD-STCR 2014-1A	1	45,000,000	45,142,245
01029 DINZ	Evergreen Basket of Long Fixed Rate	1		45,000,000	01 , 131 ,400	00/ 13/ 20 14	00/ 13/ 2044	mitorest nate swaps		£1,550,220	000 IUA-AQ-0 _	SASOL CHEMICALS (USA) LL TERM LOAN	1	45,000,000	
57629*BM2	ABS Bank Loans and Corp Bonds	1		31,694,175	31,901,373	05/19/2014	05/19/2044	Interest Rate Swaps			G7818N-ZZ-5 .		2	31,694,175	31,901,373
E7000+DN0	Evergreen Basket of Long Fixed Rate			6.445.337	0.000.000	0E /10 /0014	05 (40 (0044	Latarrat Data Corre			00764M-GG-6	AEGIS ASSET BACKED SECUR-SERIES		6.445.337	0.000.000
57629*BM2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I	-			05/19/2014	05/19/2044	Interest Rate Swaps			UU/64M-66_	. 2005-4 CLASS M1	I		6,983,026
57629*BM2	ABS Bank Loans and Corp Bonds	1		5,355,233	4,930,890	05/19/2014	05/19/2044	Interest Rate Swaps			247358-CC-6	_ EAIV Delta MSN 15181	1		4,930,890
	Evergreen Basket of Long Fixed Rate														
57629*BM2	ABS Bank Loans and Corp Bonds	1	-	21,550,000	21,584,071	05/19/2014	05/19/2044	Interest Rate Swaps	}		04964W-AQ-8 .	ATRIUM CDO CORP-ATRM 11A BR	1	21,550,000	21,584,071
57629*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		13.560.000	13 559 824	05/19/2014	05/19/2044	Interest Rate Swaps			64130H-AA-9 .	NEUBERGER BERMAN CLO LTD-NEUB 2017- 24A A	1	13,560,000	13,559,824
	Evergreen Basket of Long Fixed Rate			,								NEUBERGER BERMAN CLO LTD-NEUB 2017-			
57629*BM2	ABS Bank Loans and Corp Bonds	1		13,600,000	13,599,769	05/19/2014	05/19/2044	Interest Rate Swaps			64130H-AC-5 _	24A B1	1	13,600,000	13,599,769

# **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syr	nthetic Asset) Tra	nsactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of ( I	Jurrent Statemen		of the Ren	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper		l the riep		Instrument(s) Held		
	_	•	-					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*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		15.000.000	15 047 745	05/19/2014	05/19/2044	Interest Rate Swaps			817176-AN-0	SENECA PARK CLO LTD-SPARK 2014-1A	1	15,000,000	15,047,745
	Evergreen Basket of Long Fixed Rate							·				AVERY POINT CLO LTD-SERIES 14-1A	'		
57629*BN0	ABS Bank Loans and Corp Bonds	1	135,000,000	151,000,000	171,564,233	05/19/2014	05/19/2044	Interest Rate Swaps		20,219,198	05363U-AS-2	_ CLASS_AR	1	151,000,000	151,345,035
57629*BN0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7,200,000	7 227 425	05/19/2014	05/19/2044	Interest Rate Swaps			55952Y-AL-1	MAGNETITE CLO LTD-MAGNE 2014-8A CLASS CR	1		7,227,425
	Evergreen Basket of Long Fixed Rate			, ,								ROCKALL CLO BV Variable Funding			
57629*BP5	ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1	85,000,000	51,273,700	55,589,502	05/09/2014	05/09/2034	Interest Rate Swaps		9,514,978	77277L-B8-9 .	Note - GBP	1	51,273,700	46,074,524
57629*BP5	ABS Bank Loans and Corp Bonds	1		13,900,000	13,930,288	05/09/2014	05/09/2034	Interest Rate Swaps			55952Y-AK-3	CLASS BR	1		13,930,288
57629*BP5	Evergreen Basket of Long Fixed Rate			13.570.000	40 000 700	05/09/2014	05/09/2034	Interest Rate Swaps			04016P-AC-2	ARES CLO LTD-SERIES 17-43A CLASS B	_	13.570.000	40 000 700
5/629^BP5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	l		13,570,000	13,600,709	05/09/2014	05/09/2034	Interest Hate Swaps			040 lbP-AC-2 _	CRESTLINE DENALI CLO XV -SERIES 17-			13,600,709
57629*BP5	ABS Bank Loans and Corp Bonds	1		13,570,000	13,580,191	05/09/2014	05/09/2034	Interest Rate Swaps			22616C-AC-7 .	1A CLASS B	1	13,570,000	13,580,191
57629*BQ3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	60,000,000	36,775,000	46 848 774	06/05/2014	06/05/2044	Interest Rate Swaps		10,035,087	43132V-AN-2	HILDENE CLO LTD-HLDN 2014-3A AR	1	36,775,000	36,813,687
	Evergreen Basket of Long Fixed Rate	'								10,000,007					
57629*BQ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	5,431,113	4,983,649	06/05/2014	06/05/2044	Interest Rate Swaps			247358-EE-0 .	EAIV Delta MSN 15187	1		4,983,649
57629*BQ3	ABS Bank Loans and Corp Bonds	1		5, 432, 130	4,949,893	06/05/2014	06/05/2044	Interest Rate Swaps			247358-FG-4 _	EAIV Delta MSN 15200	1		4,949,893
	Evergreen Basket of Long Fixed Rate														
57629*BQ3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,344,486	4,929,091	06/05/2014	06/05/2044	Interest Rate Swaps			247358-LL-6 .	EAIV Delta MSN 15176	1	5,344,486	4,929,091
57629*BQ3	ABS Bank Loans and Corp Bonds	1		5,417,802	4,971,435	06/05/2014	06/05/2044	Interest Rate Swaps			247358-MT-8 .	EAIV Delta MSN 15186	1	5,417,802	4,971,435
57629*BQ3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			5,234,911	4 000 000	06/05/2014	06/05/2044	Interest Rate Swaps			247358-VV-3	EAIV Delta MSN 15170			4,828,033
3/029°BU3	Evergreen Basket of Long Fixed Rate	l			4,828,033	06/05/2014	. 06/05/2044	Interest Hate Swaps			24/338-11-3	INDIANA TOLL ROAD CONCES 2015 TERM			4,828,033
57629*BR1	ABS Bank Loans and Corp Bonds	1	125,000,000	22, 185, 916	40,380,754	07/22/2014	07/22/2044	Interest Rate Swaps		17,758,733	455130-ZZ-0 .	LOAN	2	22, 185, 916	22,622,021
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		15.000.000	15 066 780	07/22/2014	07/22/2044	Interest Rate Swaps			38137M-AC-1	Goldentree Loan Opportun-SERIES 16- 12A CLASS A2	1	15,000,000	15,066,780
	Evergreen Basket of Long Fixed Rate														
57629*BR1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		14,400,000	14,408,698	07/22/2014	07/22/2044	Interest Rate Swaps			05617Y-AS-8 .	BABSON CLO LTD-BABSN 2013-IIA A2R . THL CR WIND RIV 2014-2 CLO SR SECD	1	14,400,000	14,408,698
57629*BR1	ABS Bank Loans and Corp Bonds	1		14, 170, 098	14,048,048	07/22/2014	07/22/2044	Interest Rate Swaps			88390A-AF-7 .	NT CL B-1	1	14, 170, 098	14,048,048
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			14,240,689	14.002.363	07/22/2014	07/22/2044	Interest Rate Swaps			14955A-AC-7	CAVALRY CLO IV LTD SR SECD NT CL B-		14.240.689	14,002,363
5/029°BH1	Evergreen Basket of Long Fixed Rate	I		14,240,089	14,002,303	0//22/2014	01/22/2044	Interest Hate Swaps			14900A-AU-/	CARLYLE GLOBAL MARKET ST-SERIES 17-	I	14,240,089	14,002,303
57629*BR1	ABS Bank Loans and Corp Bonds	1		34,802,841	34,998,040	07/22/2014	07/22/2044	Interest Rate Swaps			14315J-AL-3 .	2A CLASS A1B	1	34,802,841	34,998,040
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5.900.000	5.917.529	07/22/2014	07/22/2044	Interest Rate Swaps			40436X-AG-2	HIGHBRIDGE LOAN MANAGEME-SERIES 2014 CLASS BR	1	5.900.000	5,917,529
	Evergreen Basket of Long Fixed Rate			,	, , ,							JFIN CLO 2015 LTD SR SECD NT CL B-1		,	
57629*BR1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	5,902,599	5,843,497	07/22/2014	07/22/2044	Interest Rate Swaps			46617Y-AB-9 .	ARES CLO LTD-SERIES 13-3A CLASS B1R	1	5,902,599	5,843,497
57629*BT7	ABS Bank Loans and Corp Bonds	1	125,000,000	20,000,000	37,771,262	07/22/2014	07/22/2044	Interest Rate Swaps		17,771,442	00191L-AQ-5 .		1	20,000,000	19,999,820
57629*BT7	Evergreen Basket of Long Fixed Rate	1		11,400,000	14 444 700	07/22/2014	07/22/2044	Interest Rate Swaps			88432D-AS-3	WIND RIVER CLO LTD-SERIES 14-3A CLASS BR	4	11,400,000	14 444 700
3/029"81/	ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	·	-	11,400,000	11,414,729	01/22/2014	01/22/2044	interest hate swaps				WIND RIVER CLO LTD-SERIES 17-2A	1		11,414,729
57629*BT7	ABS Bank Loans and Corp Bonds	1		19,590,000	19,588,805	07/22/2014	07/22/2044	Interest Rate Swaps			88433R-AC-6	CLASS A	1	19,590,000	19,588,805
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		19.500.000	19 499 747	07/22/2014	07/22/2044	Interest Rate Swaps			04016P-AA-6	ARES CLO LTD-ARES 2017-43A A	1	19.500.000	19,499,747
	Evergreen Basket of Long Fixed Rate			, ,							_	CEDAR FUNDING LTD-SERIES 13-1A			
57629*BT7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,500,000	8,521,174	07/22/2014	07/22/2044	Interest Rate Swaps			15032T-AW-6 .	CLASS BRCIFC FUNDING LTD-SERIES 17-4A CLASS	1		8,521,174
57629*BT7	ABS Bank Loans and Corp Bonds	1		8,000,000	8,007,944	07/22/2014	07/22/2044	Interest Rate Swaps			12551J-AE-6 .	A2	1	8,000,000	8,007,944
570004DT7	Evergreen Basket of Long Fixed Rate			5 400 500	F 404 070	07/00/0044	07 (00 (00 44				007000 413	BABSON CLO LTD-SERIES 17-1A CLASS C		5 400 000	F 404 070
57629*BT7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I	-	5,100,000	5, 131,0/9	07/22/2014	07/22/2044	Interest Rate Swaps			06760B-AJ-1 .	MARBLE POINT CLO X LTD-SERIES 2017-	I	5, 100,000	5, 131,079
57629*BT7	ABS Bank Loans and Corp Bonds	1		5, 100,000	5,099,929	07/22/2014	07/22/2044	Interest Rate Swaps			566061-AE-7 .	1A CLASS B	1	5,100,000	5,099,929
57629*AX9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7,741,331	7 626 471	04/09/2013	04/09/2043	Interest Rate Swaps			26249B-AA-9	DRYDEN 30 SR LN FD-SR SEC NT CL A .	1		7,626,471
	Evergreen Basket of Long Fixed Rate											OHA CREDIT PARTNERS LTD-SERIES	1		
57629*AX9	ABS Bank Loans and Corp Bonds	1		2,975,000	3,005,595	04/09/2013	04/09/2043	Interest Rate Swaps			67102Q-AP-3 _	2012-7A CLASS CR	1	2,975,000	3,005,595

### **SCHEDULE DB - PART C - SECTION 1**

Part   Part			Replication (Syn	thetic Asset) Tr	neactions	Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of C I	Jurreni Statemen		of the Reni	ication (Synthetic Asset) Trans	actions		
Number   Conference   Confere	1	2	3			6	7	8	Derivative	Instrument(s) Onen		ог тве пері				
Number   Description of Descriptio	'	_	O	7	3	O	,					12			15	16
Decrease   Decrease	Number		Designation or Other		Carrying	Fair Value				Book/Adjusted Carrying			Description	NAIC Designation or Other	Book/Adjusted Carrying	Fair Value
Security Residue of Long Tod fields   \$9.00	57629*AX9		1		6 540 000	6 610 455	04/09/2013	04/09/2043	Interest Rate Swans			87231L-AC-5	101-CENI GLU 2016-1 LIDIGENI 2016-1A A2	1	6 540 000	6,610,455
Compare   Design   Compare   Design   Compare   Design   Compare   Design   Compare   Design   Compare   Design   Compare   Design   Des		Evergreen Basket of Long Fixed Rate			,,	,,	- 0 - 0 - 1 - 1		·							
Section   Sect	57629*AX9		1		9,250,000	9, 264, 143	04/09/2013	04/09/2043	Interest Rate Swaps			94950G-AA-5	WIND DIVED OLD ITD SEDIES 16 24	1	9,250,000	9,264,143
State   Stat	57629*AX9		1		5,750,000	5,768,596	04/09/2013	04/09/2043	Interest Rate Swaps			88433B-AC-1		1	5,750,000	5,768,596
Page   Composition of Line Fired Nate   Composition   Co	57000±0114			405 000 000	47.000.000	04 705 007	07 (00 (00 4	07 (00 (00 44			47 774 440	0.4044111 11 0	IDEA OLO LED IDEA AND ALL LAD		47,000,000	17.010.055
Section   Sect	5/629*BU4		1	125,000,000	17,000,000	34,785,297	07/22/2014	07/22/2044	Interest Hate Swaps		1/,//1,442	04014W-AL-9		1	17,000,000	17,013,855
1.000,000   1.001,77   07/20/204   07/20	57629*BU4	ABS Bank Loans and Corp Bonds	1		9,021,969	8,964,365	07/22/2014	07/22/2044	Interest Rate Swaps			67590B-AA-8	SECD NT CL A	1	9,021,969	8,964,365
Compare Service   Compare Se	57620*RI И		1		13 000 000	13 0//3 277	07/22/2014	07/22/2044	Interest Rate Swans			48250W_44_3		1	13 000 000	13,043,277
Every general stated   Clark   Fixed Pallow		Evergreen Basket of Long Fixed Rate	•		,								DENALI CAPITAL CLO X LTD-SR SECD		,	
5000996   5000	57629*BU4		1		8,506,531		07/22/2014	07/22/2044	Interest Rate Swaps			24823B-AE-0	DEF NT CL A3L	1		
Every one Packet of Lord Fixed Bits   17,000,000   17,0	57629*BU4		1		4,488,433	4,578,076	07/22/2014	07/22/2044	Interest Rate Swaps			03765L-AG-7 _	APIDOS CLO XX-MEZZ DEF NT CL C	2	4,488,433	4,578,076
Entropy of Basket of Long Fixed Mate   S. 204,503   S.	57000±0114				47.000.000	17 040 005	07 (00 (00 4	07 (00 (00 44				550400 411 0			47 000 000	47.040.005
1	5/629*BU4		1		17,000,000	17,040,885	07/22/2014	07/22/2044	Interest Hate Swaps			55818P-AN-U		1	17,000,000	17,040,885
	57629*BU4		1		8,294,593	8,259,941	07/22/2014	07/22/2044	Interest Rate Swaps			75887N-AC-3		1	8,294,593	8,259,941
Everygene Blasted of Long Fixed Atte   5,600,000   5,675,387   07/22/044   Interest Bate Supp   5,600,000   5,675,387   07/22/044   Interest Bate Supp   5,600,000   5,675,387   07/22/044   Interest Bate Supp   5,600,000   5,675,387   07/22/044   Interest Bate Supp   5,600,000   5	57629*RI IA		1		6 900 000	6 921 066	07/22/2014	07/22/2044	Interest Rate Swans			38136F-AL-7		1	6 900 000	6,921,066
Every gene Basket of Long Fixed Rate   September Basket September Basket of Long Fixed Rate   September Basket September September September Basket September September Basket September Basket September Basket September Basket September Basket September Basket September S		Evergreen Basket of Long Fixed Rate			, ,								LCM LTD PARTNERSHIP-SERIES 15A	'		
FREEPRING   Learn and Curp Browds   Every geren Basket   Learn and Curp Browds   Every geren Basket   Learn and Curp Browds   State   State Learn and Curp Browds   Learn and Curp Browds   Learn geren Basket   Learn ge	57629*BU4		1		5,650,000	5,675,357	07/22/2014	07/22/2044	Interest Rate Swaps			50184N-AN-2		1	5,650,000	5,675,357
Procedure   Proc	57629*BU4		1		4,800,954	4,707,971	07/22/2014	07/22/2044	Interest Rate Swaps			398079-AE-3		1	4,800,954	4,707,971
Everygreen Basket of Long Fried Rate   Stage   Stage   Lans and Grap Bands   2,300,000   2,388,68   0722/2014   07/22/2014   1nterest Rate Swaps   5762/9104   5	E7000+DIIA				0 140 001	0.007.000	07/00/0014	07 (00 (00 44	Latarrat Data Corre			010450 44 1	MOSAIC CO/THE-SENIOR UNSECURED NOTE	0	0 140 001	9,267,332
Ever green Basket of Long Fixed Rate MS Bank Long Fixed Rate MS Bank Long Fixed Rate Stage Ever green Basket of Long Fixed Rate Eve Green Basket of Long Fixed Rate Ever green Basket of Long Fixed	5/629°B04		l		9, 142, 201	9,207,332	07/22/2014	07/22/2044	Interest Hate Swaps			0 1940U-AA-1	RRPF Engine Leasing Ltd Senior	2		9,207,332
SRS Bark Learns and Corp Bunds	57629*BU4		1		23,000,000	21,398,648	07/22/2014	07/22/2044	Interest Rate Swaps			G7332#-AG-8		2	23,000,000	21,398,648
Everygen Basket of Long Fixed Rate   Size Basket of Long Fixed R	57629*BV2		1	125 000 000	7 806 568	25 435 491	07/22/2014	07/22/2044	Interest Rate Swans		17 720 605	67104C-AB-3		1	7 806 568	7,714,886
Evergreen Basket of Long Fixed Rate   1		Evergreen Basket of Long Fixed Rate			, , ,								REGATTA VIII FUNDING LTD-SERIES			
Special Post   Spec	57629*BV2		1		7,600,000	7,622,040	07/22/2014	07/22/2044	Interest Rate Swaps			75888K-AC-8	. 2017-1A CLASS B	1		7,622,040
SPECIAL PRINCE   ABS Bank Loans and Corp Bonds   1	57629*BV2	ABS Bank Loans and Corp Bonds	1		7,460,000	7,463,626	07/22/2014	07/22/2044	Interest Rate Swaps			00900C-AA-2	AIMCO-AIMCO 2017-AA A	1		7,463,626
Evergreen Basket of Long Fixed Rate   1	E7600*P\/0		1		24 600 020	24 421 700	07/22/2014	07/22/2044	Interest Data Curana			00764D AD 7	ARIDAS CLA VII SP. SECO NT. CL. R. 1	4	24 600 020	24,421,789
Evergreen Basket of Long Fixed Rate	3/029°BV2		l		24,086,030	24,421,789	07/22/2014	07/22/2044	Interest Hate Swaps			U3/04D-AB-/	KINGSLAND LTD-SERIES 2013-6A CLASS		24,086,030	24,421,789
ABS Bank Loans and Corp Bonds   1   20,680,949   20,012,120   07/22/2014   07/22/2014   Interest Rate Swaps   67104L-AB-3   B   DRIVEN SENIOR LOAN FUND-SERIES 14   1   20,680,949   20,012,120   07/22/2014   Interest Rate Swaps   67104L-AB-3   B   DRIVEN SENIOR LOAN FUND-SERIES 14   1   20,680,949   20,012,120   07/22/2014   Interest Rate Swaps   26249E-A0-B   31 (LASS BR   LAGN SENIOR LOAN FUND-SERIES 14   1   15,000,000   15,000,	57629*BV2		1		22,720,768	22,050,974	07/22/2014	07/22/2044	Interest Rate Swaps			49638W-AE-6	. C	1	22,720,768	22,050,974
ST629*BV2   ABS Bank Loans and Corp Basket of Long Fixed Rate   Evergreen Basket of Long Fixed Rate   Swaps   State Swaps   St	57629*BV2		1		20.680.949	20.012.120	07/22/2014	07/22/2044	Interest Rate Swaps			67104L-AB-3	B	1	20.680.949	20,012,120
Evergreen Basket of Long Fixed Rate   15,000,000   15,059,160   07/22/2014   07/22/2044   Interest Rate Swaps   46619T-AA-0   1   15,000,000   15,059,160   07/22/2014   07/22/2044   Interest Rate Swaps   46616T-AE-6   JFIN CLO 2016 LTD - Sr Seed Nt CIA-	570004D//2	Evergreen Basket of Long Fixed Rate			45.000.000	, ,						000405 10 5			, ,,	
ABS Bank Loans and Corp Bonds   1   15,000,000   15,059,160   07/22/2014   07/22/2014   1nterest Rate Swaps   46619T-AA-0   1   15,000,000   15,000,	5/629*BV2		I		15,000,000	15,024,750	0//22/2014	0//22/2044	Interest Hate Swaps			26249E-AQ-8		I		15,024,750
ABS Bank Loans and Corp Bonds   1   8,414,016   8,213,579   07/22/2014   07/22/2014   1nterest Rate Swaps   09626Y-AE-0   DEF NT CL C   1   8,414,016   8,213,679   07/22/2014   07/22/2014   1nterest Rate Swaps   17,733,314   247358-XT-6   EAIV Delta MSN 15166   1   5,266,392   1   5,266,392   22,590,381   07/22/2014   07/22/2014   1nterest Rate Swaps   17,733,314   247358-XT-6   EAIV Delta MSN 15166   1   5,266,392   1   5,266,392   22,590,381   07/22/2014   1nterest Rate Swaps   17,733,314   247358-XT-6   EAIV Delta MSN 15166   1   5,266,392   1   5,266,392   22,590,381   1   5,266,392   22,590,381   1   5,266,392   24,7358-XT-6   EAIV Delta MSN 15166   1   5,266,392   24,7358-XT-6   EA	57629*BV2	ABS Bank Loans and Corp Bonds	1		15,000,000	15,059,160	07/22/2014	07/22/2044	Interest Rate Swaps			46619T-AA-0 _	.  1	1	15,000,000	15,059,160
Evergreen Basket of Long Fixed Rate 57629*BW0 ABS Bank Loans and Corp Bonds 1 125,000,000 5,266,392 22,590,381 07/22/2014 07/22/2014 11terest Rate Swaps 17,733,314 247358-XT-6 EAIV Delta MSN 15166 1 5,266,392 Evergreen Basket of Long Fixed Rate 57629*BW0 Bes Bank Loans and Corp Bonds 1 3,646,199 57629*BW0 ABS Bank Loans and Corp Bonds 1 3,128,380 3,101,556 07/22/2014 07/22/2014 11terest Rate Swaps 4616A-AE-6 JFIN CLO 2012 LTD NT CL B 1 3,128,380	57629*BV2		1		8 414 016	8 213 570	07/22/2014	07/22/2044	Interest Bate Swans			09626Y-4F-0		1	8 414 016	8,213,579
Evergreen Basket of Long Fixed Rate   HOUSEHOLD HOME EQUITY LO-SERIES   HOUSEHOLD HOME EQUITY LO-SERIES   ABS Bank Loans and Corp Bonds   1   3,646,199   5,024,170   07/22/2014   Interest Rate Swaps   40431X-AF-9   2007-3 CLASS M1   1   3,646,199   5,629*BW0   ABS Bank Loans and Corp Bonds   1   3,128,380   3,101,556   07/22/2014   Interest Rate Swaps   46616A-AE-6   JFIN CLO 2012 LTD NT CL B   1   3,128,380		Evergreen Basket of Long Fixed Rate			, ,											
ABS Bank Loans and Corp Bonds   1   3,646,199   5,024,170   07/22/2014   07/22/20	57629*BW0		1	125,000,000	5,266,392	22,590,381	07/22/2014	07/22/2044	Interest Rate Swaps		17,733,314	247358-XT-6		1	5,266,392	4,857,067
Evergreen Basket of Long Fixed Rate	57629*BW0		1		3,646,199	5,024,170	07/22/2014	07/22/2044	Interest Rate Swaps			40431X-AF-9		1	3,646,199	5, 024, 170
	E700+D#0	Evergreen Basket of Long Fixed Rate			0.400.000							400404 45 0	IEIN OLO OO4O LTD NT OLD		0 400 000	
L VOI VI CONTROL LA LA LA LA LA LA LA LA LA LA LA LA LA	3/029°BWU	Evergreen Basket of Long Fixed Rate	·		3, 128, 380	3, 101,556	01/22/2014	01/22/2044	IIII.erest mate Swaps			400 IDA-AE-6 .	MASTR ASSET BACKED SECUR-SERIES	1		3, 101,556
57629*BIIO ABS Bank Loans and Corp Bonds 1	57629*BW0	ABS Bank Loans and Corp Bonds	1		4,819,130	4,895,552	07/22/2014	07/22/2044	Interest Rate Swaps			57643L-FG-6		1	4,819,130	4,895,552
Evergreen Basket of Long Fixed Rate	57629*BW0		1		5 295 000	5 322 836	07/22/2014	07/22/2044	Interest Rate Swaps				APIDOS CLO-SERIES 17-26A CLASS R	1	5 295 000	5,322,836
Evergreen Basket of Long Fixed Rate		Evergreen Basket of Long Fixed Rate				, ,							GOAL STRUCTURED SOLUTION-SERIES		, , , ,	
57629*BWO ABS Bank Loans and Corp Bonds 1 1 13, 174,719 13, 168,463 07/22/2014 07/22/2044 Interest Rate Swaps 38021G-AC-3 2016-B CLASS A2 1 1 13, 174,719 Evergreen Basket of Long Fixed Rate	57629*BW0		1		13, 174, 719	13, 168, 463	07/22/2014	07/22/2044	Interest Rate Swaps			38021G-AC-3	2016-B CLASS A2	1	13, 174, 719	13, 168, 463
Evergreen Basket of Long Fixed Hate   57629*BWO   ABS Bank Loans and Corp Bonds   1   16,300,000   16,299,381   07/22/2014   07/22/2044   Interest Rate Swaps   33882G-AA-6   FLATIRON CLO LTD-FLAT 2017-1A A   1   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   07/22/2014   16,300,000   16,299,381   16,300,000   1	57629*BW0		1		16,300,000	16,299,381	07/22/2014	07/22/2044	Interest Rate Swaps			33882G-AA-6	FLATIRON CLO LTD-FLAT 2017-1A A	1	16,300,000	16,299,381

		D " " (0 ·		.,	Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement		5				
		Replication (Synt	hetic Asset) Ira			7		Danis ation to			of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8		nstrument(s) Open		40		Instrument(s) Held	4.5	10
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
57000+DW0	Evergreen Basket of Long Fixed Rate			40.000.000	10 001 011	07/00/00/4	07 (00 (00 )				450000 10 0	CEDAR FUNDING LTD-SERIES 14-4A		40,000,000	40.004.044
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,280,000	16,304,941	07/22/2014	07/22/2044	Interest Rate Swaps			150323-AQ-6	CLASS BR	1	16,280,000	16,304,941
57629*BW0	ABS Bank Loans and Corp Bonds 1			23, 184, 934	22,949,127	07/22/2014	07/22/2044	Interest Rate Swaps			38137D-AA-5	NT CL A	1	23, 184, 934	22,949,127
	Evergreen Basket of Long Fixed Rate											AVERY POINT II CLO LTD SR SECD NT			
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			22,400,000	22,427,910	07/22/2014	07/22/2044	Interest Rate Swap			053635-AC-2	CL B-1Riserva Clo Ltd-SERIES 2016-3A	1	22,400,000	22,427,910
57629*BW0	ABS Bank Loans and Corp Bonds 1			4,250,000	4,299,143	07/22/2014	07/22/2044	Interest Rate Swap			76761R-AE-9	CLASS C1	1	4,250,000	4,299,143
	Evergreen Basket of Long Fixed Rate							· ·				TCI-CENT CLO 2016-1 LTDTCENT			
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate					07/22/2014	07/22/2044	Interest Rate Swap			87231L-AA-9	2016-1A A1	1		
57629*BX8	ABS Bank Loans and Corp Bonds 1		30,000,000	15,000,000	18,920,297	08/18/2014	08/18/2044	Interest Rate Swap		3,888,692	88322U-AM-1	THACHER PARK CLO-THRPK 2014-1A BR	1	15,000,000	15,031,605
	Evergreen Basket of Long Fixed Rate											SYMPHONY CLO LTD-SERIES 14-15A			
57629*BX8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,400,000	9,419,561	08/18/2014	08/18/2044	Interest Rate Swap			87154E-AJ-9	CLASS B1REDUCATION LOAN ASSET-BAC-SERIES 13-	1	9,400,000	9,419,561
57629*BX8	ABS Bank Loans and Corp Bonds 1			6,034,991	6,028,355	08/18/2014	08/18/2044	Interest Rate Swap			28140D-AC-7	1 CLASS B1	1	6,034,991	6,028,355
	Evergreen Basket of Long Fixed Rate							· ·				OCP CLO 2016-12 Ltd-SERIES 16-12A			
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	10,570,243	16,691,692	08/27/2014	08/27/2044	Interest Rate Swap		6, 115, 147	67092R-AA-6	CLASS A1 JFIN CLO 2015 LTD SR SECD NT CL B-1	1	10,570,243	10,576,545
57629*BZ3	ABS Bank Loans and Corp Bonds 1			9,653,057	9,556,401	08/27/2014	08/27/2044	Interest Rate Swap			46617Y-AB-9	SI IN GEO 2013 ETD SH SEGD NI GE B-1	1	9,653,057	9,556,401
	Evergreen Basket of Long Fixed Rate											CARLYLE GLOBAL MARKET ST-CGMS 2017-			
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,000,000	15,011,220	08/27/2014	08/27/2044	Interest Rate Swap			14314B-AC-1	1A A2STEELE CREEK CLO LTD-SERIES 15-1A	1	15,000,000	15,011,220
57629*BZ3	ABS Bank Loans and Corp Bonds 1			8,560,000	8,587,503	08/27/2014	08/27/2044	Interest Rate Swap			85816B-CQ-1	CLASS BR	1	8,560,000	8,587,503
	Evergreen Basket of Long Fixed Rate			, ,											
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,050,000	9, 114, 934	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-CL01	1	9,050,000	9, 114, 934
57629*CA7	ABS Bank Loans and Corp Bonds 1		50,000,000	60,500,000	66,662,462	08/27/2014	08/27/2044	Interest Rate Swap		6, 135, 539	126612-AJ-9	A1R	1	60,500,000	60,526,923
	Evergreen Basket of Long Fixed Rate							· ·				GREYWOLF CLO LTD-SERIES 2014-2A			
57629*CB5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	6,800,000	12,923,789	08/27/2014	08/27/2044	Interest Rate Swap		6,084,560	398080-AN-1	CLASS BR	1	6,800,000	6,839,229
57629*CB5	ABS Bank Loans and Corp Bonds 1			6,800,000	6,808,140	08/27/2014	08/27/2044	Interest Rate Swap			00900A-AJ-7	AIMCO-SERIES 14-AA CLASS B1R	1	6,800,000	6,808,140
	Evergreen Basket of Long Fixed Rate				.=							WIND RIVER CLO LTD-WINDR 2014-1A			
57629*CB5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,000,000	15,016,440	08/27/2014	08/27/2044	Interest Rate Swap			88432C-AS-5	ВІН	1	15,000,000	15,016,440
57629*CB5	ABS Bank Loans and Corp Bonds 1			3,600,000	3,620,416	08/27/2014	08/27/2044	Interest Rate Swap			87154E-AQ-3	SYMPHONY CLO LTD-SYMP 2014-15A DR .	2	3,600,000	3,620,416
57629*CB5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			14.100.000	44 450 040	08/27/2014	08/27/2044	Interest Rate Swap			06759Y-AA-3	BARINGS CLO LTD-BABSN 2016-3A A1		14, 100, 000	14, 159, 812
5/629°UB5	Evergreen Basket of Long Fixed Rate			14, 100,000	14, 109,612	08/2//2014	08/2//2044	Interest Hate Swap			U0/391-AA-3	ATLAS SENIOR LOAN FUND L-SERIES		14, 100,000	14, 109,812
57629*CB5	ABS Bank Loans and Corp Bonds 1			5,530,519	5,524,912	08/27/2014	08/27/2044	Interest Rate Swap			04941G-AA-6	2013-1A CLASS A	1	5,530,519	5,524,912
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		50.000.000	21,300,000	27 270 700	08/27/2014	08/27/2044	Interest Rate Swap		6.048.874	09627L-AN-7	BLUEMOUNTAIN CLO LTD-BLUEM 2014-1A	1	21,300,000	21,330,906
	Evergreen Basket of Long Fixed Rate						00/2//2044	Thereof hate onap				KINGSLAND VII LTD-SR SECD NT CL B	1		
57629*CC3	ABS Bank Loans and Corp Bonds 1			18,886,884	18,523,569	08/27/2014	08/27/2044	Interest Rate Swap			49638Y-AC-6	144A	1	18,886,884	18,523,569
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			19,200,000	19.229.741	08/27/2014	08/27/2044	Interest Rate Swap			04941R-AL-8	ATLAS SENIOR LOAN FUND L-ATCLO 2014-6A BR	1	19,200,000	19,229,741
	Evergreen Basket of Long Fixed Rate											CRESTLINE DENALI CLO XV -SERIES 17-			
57629*CD1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		30,000,000	6,380,000	9,947,492	09/04/2014	09/04/2044	Interest Rate Swap		3,548,154	22616C-AE-3	1A CLASS C	1	6,380,000	6,399,338
57629*CD1	ABS Bank Loans and Corp Bonds 1			6,250,000	6,262,938	09/04/2014	09/04/2044	Interest Rate Swap			26244E-AQ-3	2014–34A CLASS BR	1	6,250,000	6,262,938
570004004	Evergreen Basket of Long Fixed Rate			4 000	4 000	00/04/0044					05047# 40 5	BABSON CLO LTD 2013-I-SR SECD NT CL		4 000	4 000
57629*CD1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,992,834	4,990,003	09/04/2014	09/04/2044	Interest Rate Swap			05617W-AC-7	B 144A	I	4,992,834	4,990,003
57629*CD1	ABS Bank Loans and Corp Bonds 1			13,570,000	13,591,712	09/04/2014	09/04/2044	Interest Rate Swap			55818R-AS-5	14A CLASS BR	1	13,570,000	13,591,712
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		150,000,000	110.000.000	100 646 457	09/08/2014	09/08/2044	Interest Rate Swap		18.219.027	872455-AN-0	TICP CLO LTD-TICP 2014-1A A1R	4	110.000.000	110 . 427 . 130
3/029°UE9	Evergreen Basket of Long Fixed Rate		130,000,000	110,000,000	128,040,15/	09/08/2014	09/08/2044	interest hate swap		18,219,02/	0/2400-NN-U	AUST & NZ BANKING GROUP-	I	110,000,000	1 10,427, 130
57629*CE9	ABS Bank Loans and Corp Bonds 1			21,465,000	32,474,804	09/08/2014	09/08/2044	Interest Rate Swap			ZZ2066-36-8	SUBORDINATED NOTE	2	21,465,000	32,474,804
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			11.380.000	11 /16 /20	09/08/2014	09/08/2044	Interest Rate Swap			55818R-AT-3	MADISON PARK FUNDING LTD-SERIES 14- 14A CLASS C1R	1	11,380,000	11,416,439
	Evergreen Basket of Long Fixed Rate			, ,								AVERY POINT II CLO LTD-SR SECD DEF			
57629*CE9	ABS Bank Loans and Corp Bonds 1			9,000,000	9,013,482	09/08/2014	09/08/2044	Interest Rate Swap			053635-AG-3	NT CL C	1	9,000,000	9,013,482

					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra		1						of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Open				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
F7000±0F0	Evergreen Basket of Long Fixed Rate		30.000.000	44 000 000	40 774 404	00/47/0044	09/17/2044			4 704 040	000005 45 0	GRIPPEN PARK CLO LTD-SERIES 17-1A CLASS B		44 000 000	44 040 040
57629*CF6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		30,000,000	14,000,000	18,774,431	09/17/2014	09/1//2044	Interest Rate Swap		4, /31, 619	39862E-AB-0	CLASS B	1	14,000,000	14,042,812
57629*CF6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,600,000	6,663,254	09/17/2014	09/17/2044	Interest Rate Swap			05618M-AY-0	BABSON CLO LTD-BABSN 2014-3A C1R CARLYLE GLOBAL MKT CLO 2013-4 SR	1	6,600,000	6,663,254
57629*CF6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		18,000,000	18,032,940	09/17/2014	09/17/2044	Interest Rate Swap			14310K-AC-5	SEC NT CL A1	1	18,000,000	18,032,940
57629*CG4	ABS Bank Loans and Corp Bonds 1	l <u></u>	55,000,000	10,850,000	15,082,684	10/06/2014	10/06/2034	Interest Rate Swap		4, 158, 633	03763Y-AQ-9	APIDOS CLO-APID 2012-11A BR	1	10,850,000	10,924,051
57629*CG4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		15,000,000	15,024,780	10/06/2014	10/06/2034	Interest Rate Swap			00164K-AL-1	ALM LOAN FUNDING-SERIES 14-14A CLASS A2R	1	15,000,000	15,024,780
57629*CG4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		9,378,384	9,373,066	10/06/2014	10/06/2034	Interest Rate Swap			05617W-AC-7	BABSON CLO LTD 2013-I-SR SECD NT CL B 144A	1	9,378,384	9,373,066
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		9,407,539	9,206,403	10/06/2014	10/06/2034	Interest Rate Swap			04941G-AE-8	ATLAS SENIOR LOAN FUND L-SERIES 2013-1A CLASS C	1	9,407,539	9,206,403
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		3,796,892	3,762,536	10/06/2014	10/06/2034	Interest Rate Swap			50188G-AN-3	LCM XVIII LTD PARTNERSHIP-DEF MEZZ NT CL D 144A	2	3,796,892	3,762,536
57629*CG4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		3.732.572	3.775.716	10/06/2014	10/06/2034	Interest Rate Swap			056162-AG-5	BABSON CLO LTD 2015-I-SR SECD DEF NT CL D-1	2	3,732,572	
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,000,000	5.025.820	10/06/2014	10/06/2034	Interest Rate Swap			817176-AS-9	SENECA PARK CLO LTD-SPARK 2014-1A	1	5,000,000	5,025,820
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	·	100,000,000	45,000,000	56,700,040	10/06/2014	10/06/2044	Interest Rate Swap		11,557,795	85815X-AQ-6	STEELE CREEK CLO LTD-STCR 2014-1A	1	45,000,000	45,142,245
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		100,000,000	9.641.462	9,594,760	10/06/2014	10/06/2044	Interest Rate Swap		11,307,730	61744C-NB-8	MORGAN STANLEY CAPITAL I-SERIES 2005-HE2 CLASS M1	1	9,641,462	9,594,760
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4.900.000	,		10/06/2044	Interest Rate Swap			12481K-AC-2	CBAM 2017-2 LTD-SERIES 17-2A CLASS		4.900.000	
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,							SYMPHONY CLO LTD-SERIES 13-12A		, ,	4,909,570
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,950,000		10/06/2014	10/06/2044	Interest Rate Swap			13080B-AD-3	CLASS CR WELLFLEET CLO LTD-WELF 2017-1A A2	1	2,950,000	2,966,803
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		20,000,000	19,999,600	10/06/2014	10/06/2044	Interest Rate Swap			94950G-AC-1		1	20,000,000	19,999,600
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		15,375,000	15,440,820	10/06/2014	10/06/2044	Interest Rate Swap			87247C-AQ-6	TICP CLO LTD-TICP 2014-2A A2AR WASATCH LTD-SERIES 2006-1A CLASS	1	15,375,000	15,440,820
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,392,811			10/06/2044	Interest Rate Swap			93677P-AB-7	A1BRRPF Engine Leasing Ltd Senior	1	4,392,811	4,344,282
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	175,000,000	60,000,000	76,411,260	10/10/2014	10/10/2044	Interest Rate Swap		17,511,600	G7332#-AD-5	Secured	2	60,000,000	58,899,660
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		27,026,153	28,330,500	10/10/2014	10/10/2044	Interest Rate Swap			629394-AA-5	NTC CAPITAL I-UNSECURED BOND CULLEN/FROST CAP TR II-SUBORDINATED	2	27,026,153	28,330,500
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		20,814,035	21,212,820	10/10/2014	10/10/2044	Interest Rate Swap			230000-AB-7	NOTE	2	20,814,035	21,212,820
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	ļ	20,500,000	20,662,217	10/10/2014	10/10/2044	Interest Rate Swap			09627X-AW-1	CLASS A2RPINNACLE PARK CLO LTD-SERIES 2014-	1	20,500,000	20,662,217
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		18,700,000	18,750,976	10/10/2014	10/10/2044	Interest Rate Swap			72349B-AK-0	1A CLASS BR	1	18,700,000	18,750,976
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		16,100,000	16,187,922	10/10/2014	10/10/2044	Interest Rate Swap			873549-AC-3	2016-1A CLASS A2BLUEMOUNTAIN CLO 2014-1 LTD SR SEC	1	16,100,000	16,187,922
57629*CJ8	ABS Bank Loans and Corp Bonds 1	l		1,854,910	1,877,603	10/10/2014	10/10/2044	Interest Rate Swap			09627L-AJ-6	DEF NT CL D	2	1,854,910	1,877,603
57629*CJ8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	I		4,523,740	4,589,333	10/10/2014	10/10/2044	Interest Rate Swap			09627V-AG-0	BLUEMOUNTAIN CLO 2014-4 LTD-SR SEC DEF NT CL D	2	4,523,740	4,589,333
57629*CJ8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		3, 178, 899	3,250,722	10/10/2014	10/10/2044	Interest Rate Swap			05617Y-AG-4	BABSON CLO LTD 2013-II-SR SECD DEF NT CL C 144A	1	3, 178,899	3,250,722
57629*CJ8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		6,517,812	7,142,541	10/10/2014	10/10/2044	Interest Rate Swap			78442G-RC-2	SLMA 2005-9 STUDENT LN-BKD NT CL B	  1	6,517,812	7,142,541
57629*CK5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l	125,000,000	75,000,000	87,740,312	11/04/2014	11/04/2044	Interest Rate Swap		12,489,812	14311A-AJ-1	CARLYLE GLOBAL MARKET ST-SERIES 14- 5A CLASS A1R	1	75,000,000	75,250,500
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	· · · · · · · · · · · · · · · · · · ·		50,000,000	50,153,950		11/04/2044	Interest Rate Swap			04964W-AL-9	ATRIUM CDO CORP-ATRM 11A A1R	1	50,000,000	50,153,950
57629*CL3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	I	125.000.000	65,000,000	78.085.278	11/04/2014	11/04/2044	Interest Rate Swap		12 515 422	949496-AC-7	WELLFLEET CLO 2015-1 LTD-SR SECD NT CL A-1 144A	1	65,000,000	65,569,855
57629*CL3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		123,000,000	38,750.000	, , ,	11/04/2014	11/04/2044	Interest Rate Swap		12,010,420	67106J-AQ-3	OHA CREDIT PARTNERS LTD-OAKC 2014-	1	38,750,000	38,812,000
3/029~UL3	boo bank Loans and Corp Bonds 1			აგ, / ეს, სსს	აგ,გ12,000	11/04/2014	11/04/2044	interest hate swap			0/100J-AU-3	IN DK	I	აგ, / 50, 000	აგ,გ12,000

### **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	nthetic Asset) Tra	ansactions	neplicati	on (Synthet	ic Asset) ITa	nsactions Open as of Cu I	arrent Statemen		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative In	nstrument(s) Oper		or the riepi		Instrument(s) Held		
	_	•	-					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
57000±01.0	Evergreen Basket of Long Fixed Rate			04 040 504	04 500 000	11/01/0011	11/01/0011				4000000 40 0	KINGSLAND VI LTD-SR SECD NT CL A1		04 040 504	04 500 000
57629*CL3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		21,843,504	21,502,666	11/04/2014	11/04/2044	Interest Rate Swap			49638W-AB-2	144AOHA CREDIT PARTNERS LTD-OAKC 2014-	1	21,843,504	21,502,666
57629*CM1	ABS Bank Loans and Corp Bonds	1	125,000,000	50,000,000	62,937,512	11/04/2014	11/04/2044	Interest Rate Swap		12,720,312	67106J-AN-0	10A AR	1	50,000,000	50,217,200
	Evergreen Basket of Long Fixed Rate											VENTURE CD0 LTD-VENTR 2014-16A A1R			
57629*CM1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		46,000,000		11/04/2014	11/04/2044	Interest Rate Swap			92329X-AK-4	GOLUB CAPITAL PARTNERS C-SERIES 13-	1	46,000,000	46,030,222
57629*CM1	ABS Bank Loans and Corp Bonds	1		30,000,000	30, 106, 770	11/04/2014	11/04/2044	Interest Rate Swap			38172X-AG-4	16A CLASS A1R	1	30,000,000	30, 106, 770
	Evergreen Basket of Long Fixed Rate											ORANGE GROVE ENERGY, L.P DELAYED			
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000	14,727,410	26,703,409	11/04/2014	11/04/2044	Interest Rate Swap		12,745,923	G6776M-ZZ-9	DRAW TE	2	14,727,410	13,957,486
57629*CN9	ABS Bank Loans and Corp Bonds	1		4,983,393	4,633,848	11/04/2014	11/04/2044	Interest Rate Swap			247358-BB-9	EAIV Delta MSN 15153	1	4,983,393	4,633,848
	Evergreen Basket of Long Fixed Rate														
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,862,172	4,513,992	11/04/2014	11/04/2044	Interest Rate Swap			247358-DD-3	EAIV Delta MSN 15161	1	4,862,172	4,513,992
57629*CN9	ABS Bank Loans and Corp Bonds	1		4,992,264	4,649,555	11/04/2014	11/04/2044	Interest Rate Swap			247358-PP-3	EAIV Delta MSN 15147	1	4,992,264	4,649,555
	Evergreen Basket of Long Fixed Rate							l							
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,992,462	4,556,241	11/04/2014	11/04/2044	Interest Rate Swap			247358-RR-7	EAIV 2017 Delta MSN 15146	1	4,992,462	4,556,241
57629*CN9	ABS Bank Loans and Corp Bonds	1		4,862,172	4,513,992	11/04/2014	11/04/2044	Interest Rate Swap			247358-RW-6	EAIV Delta MSN 15162	1	4,862,172	4,513,992
	Evergreen Basket of Long Fixed Rate							·							
57629*CN9	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,771,668	11,979,864	11/04/2014	11/04/2044	Interest Rate Swap			39808C-A@-4	GRIDIRON FDG LLC Term Facility Arpad Solar Borrower LLC Term Loan	2	11,771,668	11,979,864
57629*CN9	ABS Bank Loans and Corp Bonds	1		48.611.047	46.976.549	11/04/2014	11/04/2044	Interest Rate Swap			83416T-RR-3	Alpad Solal Bollowel ELC Telm Loan	2	48.611.047	46,976,549
	Evergreen Basket of Long Fixed Rate				, , ,									, ,	
57629*CN9	ABS Bank Loans and Corp Bonds	1		26,700,000	26,711,855	11/04/2014	11/04/2044	Interest Rate Swap			29108Q-AY-8	EMERSON PARK CLO LTD-SERIES 13-1A . ATRIUM CDO CORP-SERIES 9A CLASS AR	1	26,700,000	26,711,855
57629*CP4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	125.000.000	48.000.000	61.273.812	11/04/2014	11/04/2044	Interest Rate Swap		12.822.756	04964K-AL-5	ATRIUM CDU CORP-SERIES 9A CLASS AR	1	48.000.000	48,451,056
	Evergreen Basket of Long Fixed Rate			, ,										, ,	
57629*CP4	ABS Bank Loans and Corp Bonds	1		38,550,000	38,599,460	11/04/2014	11/04/2044	Interest Rate Swap			87247C-AN-3	TICP CLO LTD-TICP 2014-2A A1AR	1	38,550,000	38,599,460
57629*CP4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		40.764.226	41.067.623	11/04/2014	11/04/2044	Interest Rate Swap			13345*-AA-5	CAMERON LNG CONSTRUCTION FA	1	40.764.226	41,067,623
	Evergreen Basket of Long Fixed Rate			, ,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		· ·				JFIN CLO LTD-SERIES 14-2A CLASS		, ,	
57629*CQ2	ABS Bank Loans and Corp Bonds	1	125,000,000	72,000,000	85,074,919	11/04/2014	11/04/2044	Interest Rate Swap		12,976,423	46617N-AQ-0	A1AR	1	72,000,000	72,098,496
57629*002	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		37,400,000	39.976.897	11/04/2014	11/04/2044	Interest Rate Swap			74992*-AB-1	RXR Realty, LLC Senior Secured	2	37,400,000	39,976,897
	Evergreen Basket of Long Fixed Rate			, ,	, ,							ANCHORAGE CAPITAL CLO LT-SERIES		, ,	
57629*CQ2	ABS Bank Loans and Corp Bonds	1	-	16,682,595	16,568,508	11/04/2014	11/04/2044	Interest Rate Swap			03329K-AA-1	2016-8A CLASS A1CARLYLE GLOBAL MARKET ST-CGMS 2014-	1	16,682,595	16,568,508
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2	125.000.000	13,760,000	26.739.295	11/04/2014	11/04/2044	Interest Rate Swap		12 950 812	14310U-AQ-2	4A BR	1	13,760,000	13,788,483
	Evergreen Basket of Long Fixed Rate			, ,	, ,							AVERY POINT IV CLO LTD-SERIES 14-1A		, ,	
57629*CR0	ABS Bank Loans and Corp Bonds	2		13,660,000	13,726,114	11/04/2014	11/04/2044	Interest Rate Swap			05363U-AW-3	CLASS CRATRIUM CDO CORP-SERIES 9A CLASS CR	1	13,660,000	13,726,114
57629*CR0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	2		13,660,000	13.793.171	11/04/2014	11/04/2044	Interest Rate Swap			04964K-AS-0	ATRIUM COU CORP-SERIES 9A CLASS CR	1	13,660,000	13,793,171
	Evergreen Basket of Long Fixed Rate			, ,				· ·				RRPF Engine Leasing Ltd Senior		, ,	
57629*CR0	ABS Bank Loans and Corp Bonds	2	-	13,000,000	11,674,468	11/04/2014	11/04/2044	Interest Rate Swap			G7332#-AH-6	Secured	2	13,000,000	11,674,468
57629*CR0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	2		10.000.000	10.024.640	11/04/2014	11/04/2044	Interest Rate Swap			14310M-AQ-0	CARLYLE GLOBAL MARKET ST-SERIES 2014-1A CLASS BR	1	10.000.000	10,024,640
	Evergreen Basket of Long Fixed Rate			,,	, ,			· ·				TCI-CENT CLO 2016-1 LTDSERIES 17-		, ,	
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	2	· <del> </del>	30,000,000	30,272,250	11/04/2014	11/04/2044	Interest Rate Swap			87806L-AC-0	1A CLASS A1	1	30,000,000	30,272,250
57629*CR0	- ABS Bank Loans and Corp Bonds	2		20,000,000	20,043,120	11/04/2014	11/04/2044	Interest Rate Swap			12550Y-AC-8	CIFC FUNDING LTD-CIFC 2017-2A A	1	20,000,000	20,043,120
	Evergreen Basket of Long Fixed Rate	-		, ,	, ,,								_		
57629*CR0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	2	-	9,389,070	9,724,417	11/04/2014	11/04/2044	Interest Rate Swap			035242-AP-1	. ANHEUSER-BUSCH INBEV FIN GTD NT	2	9,389,070	9,724,417
57629*CR0	ABS Bank Loans and Corp Bonds	2		1,797,682	1,813,961	11/04/2014	11/04/2044	Interest Rate Swap			664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE	2	1,797,682	1,813,961
	Evergreen Basket of Long Fixed Rate			, ,	, ,,							MADISON PARK FUNDING LTD-SERIES		, ,	
57629*CS8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000	12,740,000	25,844,043	11/04/2014	11/04/2044	Interest Rate Swap		13,002,034	55818X-AY-9	2015-16A CLASS A2R MAGNETITE CLO LTD-SERIES 14-11A	1	12,740,000	12,842,009
57629*CS8	ABS Bank Loans and Corp Bonds	1		12,675,000	12,702,872	11/04/2014	11/04/2044	Interest Rate Swap			55953E-AJ-9	CLASS A1R	1	12,675,000	12,702,872
	Evergreen Basket of Long Fixed Rate						44 (04 (05 : :	· ·				Inipos di a seniera de la compania del compania de la compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania de la compania de la compania de la compania de la compania del compania de	_		
57629*CS8	ABS Bank Loans and Corp Bonds	1		12,240,000	12,261,457	11/04/2014	11/04/2044	Interest Rate Swap			03766G-AE-2	APIDOS CLO-SERIES 17-26A CLASS A2 _	1	12,240,000	12,261,457

## **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syr	nthetic Asset) Tr	ansactions	перисан	on (Synthet	ic Asset) Tra	nsactions Open as of ( I	Surrent Statemen		of the Repl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	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
57629*CS8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	4		11.980.000	11,998,234	11/04/2014	11/04/2044	Interest Rate Swap			149420-AE-1	CATSKILL PARK CLO LTDSERIES 17-1A CLASS A2	4	11,980,000	11,998,234
3/029"030	Evergreen Basket of Long Fixed Rate	I				11/04/2014	. 11/04/2044	Tillerest hate swap			14942U-AE-1	MADISON PARK FDG V LTD-NT CL A-2	I	11,900,000	11,990,204
57629*CS8	ABS Bank Loans and Corp Bonds	1	-	4,995,994	4,970,235	11/04/2014	11/04/2044	Interest Rate Swap			55817X-AC-8	144A	1	4,995,994	4,970,235
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		21, 100, 000	21,126,059	11/04/2014	11/04/2044	Interest Rate Swap			48250L-AL-3	KKR FINANCIAL CLO LTD-SERIES 9 CLASS AR	1	21,100,000	21, 126, 059
37023 000	Evergreen Basket of Long Fixed Rate	'		, ,	21, 120,000	11/04/2014		Titterest hate orap				ALM LOAN FUNDING-SERIES 15-12A	'		
57629*CS8	ABS Bank Loans and Corp Bonds	1	-	16,900,000	16,975,137	11/04/2014	11/04/2044	Interest Rate Swap			00164M-DG-5	CLASS A1R	1	16,900,000	16,975,137
57629*CS8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		18, 100, 000	18 . 147 . 657	11/04/2014	. 11/04/2044	Interest Rate Swap			05873L-AK-2	BALLYROCK LTD-BALLY 2014-1A A2R	1		18, 147, 657
	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	-	18,100,000	18, 145, 467	11/04/2014	. 11/04/2044	Interest Rate Swap			40436V-AA-9	A	1	18,100,000	18,145,467
57629*CX7	ABS Bank Loans and Corp Bonds	1	150,000,000	32,675,311	38,549,643	12/16/2014	12/16/2044	Interest Rate Swap		5,451,694	U8270Y-ZZ-4	SILVEN STATE SOLAN SOUTH TENHI LOAN	2	32,675,311	33,097,949
F700040V7	Evergreen Basket of Long Fixed Rate			F 704 000	F 004 450	40 (40 (0044	10 (10 (0011	· ·			40000D 41 0	KINGSLAND V LTD-SR SECD NT CL A2B	_		
57629*CX7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	5,781,998	5,694,458	12/16/2014	12/16/2044	Interest Rate Swap			49636R-AL-3	144A	1	5,781,998	5,694,458
57629*CX7	ABS Bank Loans and Corp Bonds	1		11,522,776	11, 174,821	12/16/2014	12/16/2044	Interest Rate Swap			26249B-AC-5	. DRYDEN 30 SR LN FD-SR SEC NT CL B .	1	11,522,776	11, 174,821
57629*CX7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		11,490,931	11.207.806	12/16/2014	12/16/2044	Interest Rate Swap			05874P-AE-6	BALLYROCK LTD-SERIES 2013-1A CLASS	1	11,490,931	11,207,806
3/029"GA7	Evergreen Basket of Long Fixed Rate	·	-		11,207,000	12/ 10/ 20 14	12/ 10/ 2044	Tillerest hate swap			030/4F-AE-0	BENEFIT STREET PRTNRS CLO VII SR	·		11,207,000
57629*CX7	ABS Bank Loans and Corp Bonds	1	-	15, 126, 807	15,029,670	12/16/2014	12/16/2044	Interest Rate Swap			08180R-AC-9	SEC NT CL A-2	1	15, 126,807	15,029,670
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.950.000	10.975.908	12/16/2014	12/16/2044	Interest Rate Swap			67590B-AC-4	OCTAGON INV PARTNERS XVI LTD-SR SECD NT CL B1	1	10.950.000	10,975,908
5/ 025 0X/	Evergreen Basket of Long Fixed Rate	'				12/ 10/ 2014	. 12/ 10/ 2044	Titterest nate orap			07330D A0 4	CARLYLE GLOBAL MARKET ST-CGMS 2014-	'	10,330,000	
57629*CX7	ABS Bank Loans and Corp Bonds	1		11,040,000	11,057,134	12/16/2014	12/16/2044	Interest Rate Swap			14310V-AM-9	2A BR	1	11,040,000	11,057,134
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6,700,000	6 729 527	12/16/2014	12/16/2044	Interest Rate Swap			06760B-AC-6	BABSON CLO LTD-SERIES 17-1A CLASS	1	6.700.000	_6,729,527
	Evergreen Basket of Long Fixed Rate			, ,								MADISON PARK FUNDING LTD-SERIES 17-		, ,	
57629*CX7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	4,960,000	4,990,276	12/16/2014	. 12/16/2044	Interest Rate Swap			55820R-AE-2	25A CLASS BALM LOAN FUNDING-SERIES 15-16A	1	4,960,000	4,990,276
57629*CX7	ABS Bank Loans and Corp Bonds	1		3,550,000	3,565,620	12/16/2014	12/16/2044	Interest Rate Swap			00162L-CE-5	CLASS A2R	1		3,565,620
	Evergreen Basket of Long Fixed Rate											JFIN CLO 2012 LTD-NOTE CLASS A2B			
57629*CX7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		10,901,521	10,807,700	12/16/2014	12/16/2044	Interest Rate Swap			46616A-AJ-5	144A	1		10,807,700
57629*CX7	ABS Bank Loans and Corp Bonds	1		10,054,666	10,018,440	12/16/2014	12/16/2044	Interest Rate Swap			38137Q-AA-6	9A CLASS AR	1	10,054,666	10,018,440
57629*CX7	Evergreen Basket of Long Fixed Rate	1			7 000 004	12/16/2014	12/16/2044	Interest Rate Swap			14310G-AG-5	CARLYLE GLOBAL MKT CLO 2013-3 SR SEC DEF NT CL B	1		7,239,024
3/029"GA7	Evergreen Basket of Long Fixed Rate	l	-			12/ 10/ 2014	. 12/ 10/ 2044	Tillerest hate swap			143100-80-3	SEC DEF NI OL B	1		
57629*CX7	ABS Bank Loans and Corp Bonds	1	-			12/16/2014	12/16/2044	Interest Rate Swap			001626-AC-4	ALM XIX Ltd SR SECD NT CL A-2	1		
57629*CT6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	150.000.000	9,000,000	14 . 157 . 496	12/16/2014	12/16/2044	Interest Rate Swap		5 143 411	05617W-AE-3	BABSON CLO LTD 2013-I-SR SECD NT CL C 144A	1	9.000.000	9,014,085
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						2,13,411		JFIN CLO 2014 LTD-MEZZ SECD DEF NT		,	
57629*CT6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	-	7,219,345	7, 112,311	12/16/2014	. 12/16/2044	Interest Rate Swap			46617E-AE-7	CL C	1	7,219,345	7, 112,311
57629*CT6	ABS Bank Loans and Corp Bonds	1		14,470,000	14,525,348	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AC-6	25A CLASS A2	1	14,470,000	14,525,348
E7000+0T0	Evergreen Basket of Long Fixed Rate	4		7 000 000	7 000 000	10/10/0011	10 /10 /0011	Internal Data C			14310D-AE-7	CARLYLE GLOBAL MKT CLO 2013-2 SR	•	7 000 000	
57629*CT6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,000,000	7,006,363	12/16/2014	12/16/2044	Interest Rate Swap			14310D-AE-7	SEC NT CL B	1	7,000,000	7,006,363
57629*CT6	ABS Bank Loans and Corp Bonds	1	.	2,963,494	2,880,407	12/16/2014	12/16/2044	Interest Rate Swap			49638W-AD-8	CL C 144A	1	2,963,494	2,880,407
57629*CT6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		2, 179, 411	2 460 050	12/16/2014	12/16/2044	Interest Rate Swap			15135A-AD-5	CENT CDO 12 LTD-DEF MEZZ NT SER 2006-12A CL D	1		2,469,958
3/029"010	Evergreen Basket of Long Fixed Rate	I	·	∠, 1/9,411	∠,409,958	12/ 10/ 2014	. 12/10/2044	miterest nate owap			IO IOOM-AU-O	VIBRANT CLO IV LTD-SR SECO NT CL B	1		2,409,958
57629*CT6	ABS Bank Loans and Corp Bonds	1	-	6,323,957	6,346,455	12/16/2014	12/16/2044	Interest Rate Swap			92557W-AE-3	144A	1	6,323,957	6,346,455
57629*CT6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		41,400,000	41 535 212	12/16/2014	12/16/2044	Interest Rate Swap			74983D-AA-5	RACE POINT X CLO LTD SR SECD NT CL	1	41,400,000	41,535,212
	Evergreen Basket of Long Fixed Rate			, ,				,				WWELLFLEET CLO 2016-1 LTD-SR SECD	1	, ,	
57629*CT6	ABS Bank Loans and Corp Bonds	1	-	17,725,015	17,802,327	12/16/2014	12/16/2044	Interest Rate Swap			94949R-AC-1	NT CL A 144A	1	17,725,015	17,802,327
57629*CT6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		17,504,749	17.380 249	12/16/2014	12/16/2044	Interest Rate Swap			858102-AD-8	STEELE CREEK CLO 2016-1 LTD-SR SECD NT CL A-1 144A	1	17,504,749	17,380,249
	Evergreen Basket of Long Fixed Rate							·							
57629*CT6	ABS Bank Loans and Corp Bonds	1		7,000,000	7,022,393	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AN-4	BABSON CLO LTD-BABSN 2014-IA BR	1	7,000,000	7,022,393

		Dardiastias (Const			Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement		-f # DI	:			
- 1	2	Replication (Synt	netic Asset) Tra	insactions 5	6	7	8	Dorivativa li	nstrument(s) Open		of the Repl	ication (Synthetic Asset) Trans	actions Instrument(s) Held		
'	2	3	4	5	б	/	0	9 Derivative ii	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	9 Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC	Book/Adjusted Carrying Value	Fair Value
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5.634.272	5.624.936	12/16/2014	12/16/2044	Interest Rate Swap			26250U-AC-9	DRYDEN XXVI SR LN FD SR SECD NT CL	4	5,634,272	5.624.936
3/029"010	Evergreen Basket of Long Fixed Rate					12/ 10/ 2014	12/ 10/ 2044	Interest hate swap			202300-AC-9	ALM XVII LTD-SR SECURED NOTE CLASS	1		
57629*CT6	ABS Bank Loans and Corp Bonds 1			13,750,000	13,842,579	12/16/2014	12/16/2044	Interest Rate Swap			02014P-AC-8	A2L	1	13,750,000	13,842,579
	Evergreen Basket of Long Fixed Rate											SILVER STATE SOLAR SOUTH TERM LOAN			
57629*CW9	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		250,000,000	33,649,658	43,325,196	12/16/2014	12/16/2044	Interest Rate Swap		9,240,298	U8270Y-ZZ-4		2		34,084,898
57629*CW9	ABS Bank Loans and Corp Bonds 1			14,000,000	14,006,804	12/16/2014	12/16/2044	Interest Rate Swap			15136G-AQ-2	CENT CLO 16 LP NT CL A-2-R	1	14,000,000	14,006,804
	Evergreen Basket of Long Fixed Rate							·							
57629*CW9	ABS Bank Loans and Corp Bonds 1			23,500,000	23,528,153	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AL-8	BABSON CLO LTD-BABSN 2014-1A A2R	1	23,500,000	23,528,153
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			23,022,077	23 131 763	12/16/2014	12/16/2044	Interest Rate Swap			83610K-AA-1	SOUND POINT CLO LTD-SERIES 2017-2A CLASS A	1	23,022,077	23, 131, 763
37023 0113	Evergreen Basket of Long Fixed Rate			20,022,011	20, 101,700	12/ 10/ 2014	12/ 10/ 2044	Titterest hate owap			000 10K AA 1	LCM LTD PARTNERSHIP-SERIES 13A	'		20, 101,700
57629*CW9	. ABS Bank Loans and Corp Bonds 1			12,750,000	12,833,933	12/16/2014	12/16/2044	Interest Rate Swap			50184K-AU-2	CLASS BR	1	12,750,000	12,833,933
E7000±0110	Evergreen Basket of Long Fixed Rate			19.593.881	40 000 000	40 (40 (0044	40 (40 (0044				88576P-AE-3	321 HENDERSON RECEIVABLE-SERIES 05-	_	40 500 004	40,000,000
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			19,593,881	19,620,263	12/16/2014	12/16/2044	Interest Rate Swap			885/6P-AE-3	1A CLASS A1BLUEMOUNTAIN CLO LTD-BLUEM 2014-3A	·	19,593,881	19,620,263
57629*CW9	ABS Bank Loans and Corp Bonds 1			22,600,000	22,668,184	12/16/2014	12/16/2044	Interest Rate Swap			09627R-AJ-3	A1R	1	22,600,000	22,668,184
	Evergreen Basket of Long Fixed Rate											MERCER FIELD CLO LP-MERCL 2017-1A			
57629*CW9	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			20,000,000	20,014,780	12/16/2014	12/16/2044	Interest Rate Swap			58806P-AC-2	A2	1	20,000,000	20,014,780
57629*CW9	. ABS Bank Loans and Corp Bonds 1			10,500,000	10,525,400	12/16/2014	12/16/2044	Interest Rate Swap			03765D-AS-9	APIDOS CLO-APID 2014-18A BR	1	10,500,000	10,525,400
	Evergreen Basket of Long Fixed Rate							·				HILDENE CLO IV LTD-DEF MEZZ NT SER			
57629*CW9	ABS Bank Loans and Corp Bonds 1			6,070,591	6,013,272	12/16/2014	12/16/2044	Interest Rate Swap			43132W-AE-0	2015-4A CL B	1	6,070,591	6,013,272
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			5.950.000	E 000 410	12/16/2014	12/16/2044	Interest Rate Swap			10302V-BG-9	BOWMAN PARK CLO LTD-BOWPK 2014-1A		5,950,000	5,980,416
3/029"0119	Evergreen Basket of Long Fixed Rate					12/ 10/ 2014	12/ 10/ 2044	Interest hate swap			103024-60-9	TCI-FLATIRON CLO 2016-1 LTD SR SECD	· · · · · · · · · · · · · · · · · · ·		
57629*CW9	ABS Bank Loans and Corp Bonds 1			13,084,208	13, 158, 691	12/16/2014	12/16/2044	Interest Rate Swap			87230A-AA-4	NT CL A	1	13,084,208	13, 158, 691
57000±000	Evergreen Basket of Long Fixed Rate			44 000 000	44 700 004	10 /10 /0014	10 /10 /00 11				0.17170 11 1	SENECA PARK CLO LTD-SPARK 2014-1A		44 000 000	44 700 004
57629*CW9	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			14,690,000	14,762,804	12/16/2014	12/16/2044	Interest Rate Swap			817176-AL-4	GoldentTree Loan Managem-GLM 2017-	1	14,690,000	14,762,804
57629*CW9	ABS Bank Loans and Corp Bonds 1			13,500,000	13,499,865	12/16/2014	12/16/2044	Interest Rate Swap			38136F-AG-8	1A B1	1	13,500,000	13,499,865
	Evergreen Basket of Long Fixed Rate											APIDOS CLO-SERIES 13-15A CLASS A2AR			
57629*CW9	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,800,000	10,801,609	12/16/2014	12/16/2044	Interest Rate Swap			03764Q-AQ-5	BLUEMOUNTAIN CLO 2015-2 LTD SR SECD	1	10,800,000	10,801,609
57629*CW9	ABS Bank Loans and Corp Bonds 1			8,250,000		12/16/2014	12/16/2044	Interest Rate Swap			09628B-AA-6	NT CL A-1	1	8,250,000	8,278,430
	Evergreen Basket of Long Fixed Rate							·				MASSMUTUAL ASSET FIN LLC SR SECD			
57629*CU3	ABS Bank Loans and Corp Bonds 1		250,000,000	328,073,426	334,549,469	12/16/2014	12/16/2044	Interest Rate Swap			57542Z-A0-7	REV NT	1	328,073,426	326,285,402
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		200,000,000	16,900,000	23 120 979	12/16/2014	12/16/2044	Interest Rate Swap		6.200.209	03328Q-AN-1	ANCHORAGE CAPITAL CLO LT-SERIES 2015-6A CLASS AR	1	16,900,000	16,920,770
0.020 0	Evergreen Basket of Long Fixed Rate		200,000,000			12, 10, 2011	12/ 10/ 20 11 11111	The social control of the social control of			000204 781 1 22	ALM LOAN FUNDING-SERIES 12-6A CLASS			
57629*CV1	ABS Bank Loans and Corp Bonds 1			14,300,000	14,355,327	12/16/2014	12/16/2044	Interest Rate Swap			00163E-BE-1	A2RR	1	14,300,000	14,355,327
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			6.780.000	6 770 675	12/16/2014	12/16/2044	Interest Rate Swap			33882G-AB-4	FLATIRON CLO LTD-FLAT 2017-1A B	1	6.780.000	6,779,675
3/029 0/1	Evergreen Basket of Long Fixed Rate					12/ 10/ 20 14	12/ 10/ 2044	interest nate swap			33002U-AD-4	ATLAS SENIOR LOAN FUND L-SERIES			,0,779,073
57629*CV1	ABS Bank Loans and Corp Bonds 1			11,010,989	10,999,824	12/16/2014	12/16/2044	Interest Rate Swap			04941G-AA-6	2013-1A CLASS A	1	11,010,989	10,999,824
E7000±01/4	Evergreen Basket of Long Fixed Rate			5 050 000	E 00E 000	40 (40 (0044	40 (40 (0044				55819T-AG-6	MADISON PARK FDG XX LTD-SECD DEF NT	_	F 0F0 000	E 00E 000
57629*CV1	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,850,000	5,895,326	12/16/2014	12/16/2044	Interest Rate Swap			558 191 -AG-6	CL C-1 144ASOUND POINT CLO XI LTD-SR SECD NT	·	5,850,000	5,895,326
57629*CV1	ABS Bank Loans and Corp Bonds 1			22,220,000	22,364,186	12/16/2014	12/16/2044	Interest Rate Swap			83609J-AA-7	CL A 144A	1	22,220,000	22, 364, 186
57000±01/	Evergreen Basket of Long Fixed Rate			0		10 (10 (07 ) ;	10 (10 (05 ) )	l			004005	BENEFIT STR PARTNERS CLO VII LTD SR	_	o:	
57629*CV1	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			21,675,000	21,696,740	12/16/2014	12/16/2044	Interest Rate Swap			08180R-AA-3	SECD NT CL A-1A	1	21,675,000	21,696,740
57629*CV1	ABS Bank Loans and Corp Bonds 1			17,120,000	17,235.218	12/16/2014	12/16/2044	Interest Rate Swap			674000-AN-4	A1R	1	17,120,000	17,235,218
	Evergreen Basket of Long Fixed Rate			, ,				·				ANCHORAGE CAPITAL CLO LT-ANCHC			
57629*CV1	. ABS Bank Loans and Corp Bonds 1			17,000,000	17,026,333	12/16/2014	12/16/2044	Interest Rate Swap			033286-AN-5	2014–5A BR	1	17,000,000	17,026,333
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			16,600,000	16 672 774	12/16/2014	12/16/2044	Interest Rate Swap			05874P-AC-0	BALLYROCK LTD-SERIES 2013-1A CLASS B	1	16,600,000	16,672,774
	Evergreen Basket of Long Fixed Rate							·				MASSMUTUAL ASSET FIN LLC SR SECD	:		
57629*CV1	. ABS Bank Loans and Corp Bonds 1			56,000,000	55,694,796	12/16/2014	12/16/2044	Interest Rate Swap			57542Z-A0-7	REV NT	1	56,000,000	55,694,796
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	10.100.000	3 047 194	02/05/2015	02/05/2045	Interest Rate Swap		(7 064 764	50181G-AS-9	LCM LTD PARTNERSHIP-SERIES 16A	1	10.100.000	10.111.948
U1 U23 U1J	INDO DAIN LUANS AND COLD DUNCS		120,000,000			02/00/2010	UZ/ UJ/ ZU4J	I III COLEST HOTE OMAP		(7,004,764	ב. פרשטוטוטיטן	ULNUU DII	·		10, 111,948

					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra								of the Repl	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other	Notional	Book/Adjusted Carrying	Fair Value	Effective	Maturity	9 Description	Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	Book/Adjusted Carrying	16
Number	Description  Evergreen Basket of Long Fixed Rate	Description	Amount	Value	Fair value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*CY5	ABS Bank Loans and Corp Bonds 1			10.020.000	10.080.761	02/05/2015	02/05/2045	Interest Rate Swap			92912V-AS-4	VOYA CLO LTD-VOYA 2014-2A BR	1	10.020.000	10,080,761
0.020 0.0	Evergreen Basket of Long Fixed Rate			10,020,000		02, 00, 20 10	02/ 00/ 20 10	The sect have emp				MANUF & TRADERS TRUST CO-		10,020,000	
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		10,510,421	10,391,777	02/05/2015	02/05/2045	Interest Rate Swap			564759-QB-7	SUBORDINATED NOTETCI-CENT CLO 2016-1 LTDSERIES 17-	1	10,510,421	10,391,777
57629*CY5	ABS Bank Loans and Corp Bonds 1			13,500,000	13,559,103	02/05/2015	02/05/2045	Interest Rate Swap			87806L-AE-6	1A CLASS A2	1	13,500,000	13,559,103
57629*CY5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			13,500,000	13,523,274	02/05/2015	02/05/2045	Interest Rate Swap			06760B-AE-2	BABSON CLO LTD-SERIES 17-1A CLASS B1	1	13,500,000	13,523,274
	Evergreen Basket of Long Fixed Rate											GREYWOLF CLO LTD-SERIES 2014-2A			
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			12,700,000	, , .	02/05/2015	02/05/2045	Interest Rate Swap			398080-AL-5	CLASS A2RHIGHBRIDGE LOAN MANAGEME-SERIES	1	12,700,000	12,735,890
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			12,700,000	12,738,100	02/05/2015	02/05/2045	Interest Rate Swap			40436X-AE-7	2014 CLAS A2RBAIN CAPITAL CREDIT CLO -SERIES 17-	1	12,700,000	12,738,100
57629*CY5	ABS Bank Loans and Corp Bonds 1	·		11,400,000	11,450,810	02/05/2015	02/05/2045	Interest Rate Swap			14954W-AN-6	2A CLASS BR	1	11,400,000	11,450,810
57629*CY5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		11,200,000	11, 199, 563	02/05/2015	02/05/2045	Interest Rate Swap			05682Q-AC-0	BAIN CAPITAL CREDIT CLO -SERIES 17- 1A CLASS A1	1	11,200,000	11,199,563
57000±0V5	Evergreen Basket of Long Fixed Rate			40.000.000	40.044.045	00 (05 (0045	00 (05 (00 45				004001 00 0	ALM LOAN FUNDING-SERIES 15-16A	_		
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,200,000	10,244,645	02/05/2015	02/05/2045	Interest Rate Swap			00162L-CG-0	CLASS BR	1	10,200,000	10,244,645
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,300,000	11,306,825	02/05/2015	02/05/2045	Interest Rate Swap			053633-AH-6	CLASS B1R	1	11,300,000	11,306,825
57629*CY5	ABS Bank Loans and Corp Bonds 1	l		6,719,624	6,895,946	02/05/2015	02/05/2045	Interest Rate Swap			00287Y-AL-3	AbbVie Inc-SENIOR UNSECURED NOTE	2	6,719,624	6,895,946
57629*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		125,000,000	5,280,000	(1,959,816)	02/05/2015	02/05/2045	Interest Rate Swap		(7,272,341)	00900C-AE-4	AIMCO-AIMCO 2017-AA C	1	5,280,000	5,312,525
57629*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			32.330.000	20 414 000	02/05/2015	02/05/2045	Interest Rate Swap			053633-AG-8	AVERY POINT CLO LTD-SERIES 13-3A CLASS AR		32.330.000	32,414,802
	Evergreen Basket of Long Fixed Rate			, , ,	, ,							AVERY POINT IV CLO LTD-SERIES 14-1A	1	, , ,	
57629*CZ2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			32,100,000	32, 173, 092	02/05/2015	02/05/2045	Interest Rate Swap			05363U-AU-7	CLASS BROHA LOAN FUNDING LTD-OHALF 2014-1A	1	32,100,000	32, 173, 092
57629*CZ2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			32,000,000	32,111,904	02/05/2015	02/05/2045	Interest Rate Swap			67706T-AS-1	A1R	1	32,000,000	32, 111,904
57629*CZ2	ABS Bank Loans and Corp Bonds 1			18,700,000	18,820,035	02/05/2015	02/05/2045	Interest Rate Swap			05618M-AU-8	BABSON CLO LTD-BABSN 2014-3A B1R DRYDEN SENIOR LOAN FUND-SERIES 14-	1	18,700,000	18,820,035
57629*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			7,000,000	7,019,236	02/05/2015	02/05/2045	Interest Rate Swap			26249E-AS-4	31A CLASS CR	1	7,000,000	7,019,236
57629*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			5, 268, 225	5 478 135	02/05/2015	02/05/2045	Interest Rate Swap			00507U-AS-0	ACTAVIS FUNDING SCS-SENIOR UNSECURED NOTE	2	5,268,225	5, 478, 135
	Evergreen Basket of Long Fixed Rate										-	HILDENE CLO LTD-SERIES 13-1A CLASS			
57629*DA6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		125,000,000	18,100,000	11,016,086	02/05/2015	02/05/2045	Interest Rate Swap		(7,089,235)	43132R-AS-0	BRMADISON PARK FUNDING LTD-MDPK 2014-	1	18,100,000	18, 105, 321
57629*DA6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			27,200,000	27,335,102	02/05/2015	02/05/2045	Interest Rate Swap			55818R-AQ-9	14A A1R	1	27,200,000	27,335,102
57629*DA6	ABS Bank Loans and Corp Bonds 1	l		24,750,000	24,822,542	02/05/2015	02/05/2045	Interest Rate Swap			26249E-AN-5	31A CLASS AR	1	24,750,000	24,822,542
57629*DA6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		18,012,812	18.117.171	02/05/2015	02/05/2045	Interest Rate Swap			77340E-AC-0	ROCKFORD TOWER CLO LTD-ROCKT 2017- 1A B	1	18,012,812	18, 117, 171
	Evergreen Basket of Long Fixed Rate			, ,	, ,						-	NEUBERGER BERMAN CLO LTD-NEUB 2013-			
57629*DA6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		5,730,000	5,7/6,619	02/05/2015	02/05/2045	Interest Rate Swap			64129J-AU-4	14A B1R ALM LOAN FUNDING-SERIES 14-14A		5,730,000	5,776,619
57629*DA6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,600,000	4,611,376	02/05/2015	02/05/2045	Interest Rate Swap			00164K-AN-7	CLASS BR	1	4,600,000	4,611,376
57629*DA6	ABS Bank Loans and Corp Bonds 1	·		24,090,000	24, 100, 937	02/05/2015	02/05/2045	Interest Rate Swap			92916X-AA-5	VOYA CLO LTD-INGIM 2013-3A A1R	1	24,090,000	24, 100, 937
57629*DA6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4,300,000	4,314,616	02/05/2015	02/05/2045	Interest Rate Swap			87248T-AE-5	TICP CLO VII LTD	1	4,300,000	4,314,616
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			9, 144, 322		02/05/2015	02/05/2045	Interest Rate Swap			15135A-AC-7	CENT CDO 12 LTD DEF MEZZ NT CL C	1	9, 144, 322	9,084,723
57629*DB4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		125.000.000	, , ,		02/05/2015	02/05/2045	Interest Rate Swap		(7.425.727)		MAGNETITE CLO LTD-MAGNE 2012-7A A2R	1	6.841.067	6,845,117
	Evergreen Basket of Long Fixed Rate		120,000,000	, ,	, ,							MAGNETITE CLO LTD-SERIES 17-19A	1	, ,	
57629*DB4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,325,000	7,353,209	02/05/2015	02/05/2045	Interest Rate Swap			55954K-AC-9	CLASS B	1	7,325,000	7,353,209
57629*DB4	ABS Bank Loans and Corp Bonds 1			7,200,000	7,214,882	02/05/2015	02/05/2045	Interest Rate Swap			92915Q-AG-8	A2	1	7,200,000	7,214,882
57629*DB4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			7,200,000	7,227,418	02/05/2015	02/05/2045	Interest Rate Swap			00164M-DH-3	ALM LOAN FUNDING-SERIES 15-12A CLASS A2AR	1	7,200,000	7,227,418
				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											

## **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	ansactions	riepiicatii	on (Oynthell	u noodij ild	nsactions Open as of Cu I	mont otatement		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative In	nstrument(s) Open				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	1		8.000.000		02/05/2015	02/05/2045	Interest Rate Swap			00900A-AJ-7	AIMCO-SERIES 14-AA CLASS B1R	1	8,000,000	
3/629°U64	Evergreen Basket of Long Fixed Rate	I		8,000,000	8,009,376	02/05/2015	02/05/2045	Interest Hate Swap			00900A-AJ-7	OCTAGON INV PARTNERS XVI LTD-SR	I		
57629*DB4	ABS Bank Loans and Corp Bonds	1		26,209,073	26,041,730	02/05/2015	02/05/2045	Interest Rate Swap			67590B-AA-8	SECD NT CL A	1	26,209,073	26,041,730
57629*DB4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7.850.000	7.859.561	02/05/2015	02/05/2045	Interest Rate Swap			15136R-AE-5	CENT CLO 18 LP-NT SER 2013-18A CL B	1		7,859,561
	Evergreen Basket of Long Fixed Rate	'		, ,	,							1770	'		
57629*DB4	ABS Bank Loans and Corp Bonds	1		46,150,000	46,206,118	02/05/2015	02/05/2045	Interest Rate Swap			589433-G@-4	Meredith Corp. Senior Note Ser	3	46,150,000	46,206,118
57629*DB4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7,477,606	7.472.264	02/05/2015	02/05/2045	Interest Rate Swap			36248M-AB-3	GT LOAN FINANCING LTD-SERIES 2013- 1A CLASS B	1	7,477,606	7,472,264
	Evergreen Basket of Long Fixed Rate							·				WIND RIVER CLO LTD-WINDR 2014-1A CR			
57629*DB4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,800,000	3,814,638	02/05/2015	02/05/2045	Interest Rate Swap			88432C-AW-6		1	3,800,000	3,814,638
57629*DB4	ABS Bank Loans and Corp Bonds	1		21,137,458	26,267,595	02/05/2015	02/05/2045	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE .	1	21, 137, 458	26,267,595
Filed wth the SVO	Credit Default Indicies	_						L.,							
and awaiting RSAT Filed wth the SVO	(CDIG529/CDX.NA.IG.29)	2	517,000,000	407,312,693	431,303,357	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	10,413,382	11,276,402	912828-PX-2	US TREAS N/B-NOTE	1	396,899,311	420,026,955
and awaiting RSAT	(CDIG529/CDX.NA.IG.29)	2		237,894,850	265,586,954	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index			76116F-AG-2	RFCSP PRINCIPAL STRIP	1	237,894,850	265,586,954
Filed wth the SVO	Credit Default Indicies (CDIG529/CDX.NA.IG.29)	n	519,000,000	312.301.166	330.327.838	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	10.858.652	11.320.024	912828-PX-2	US TREAS N/B-NOTE	4	301,442,514	319,007,814
and awaiting RSAT Filed wth the SVO	Credit Default Indicies	2	519,000,000	312,301,100	330,327,838	09/20/201/	12/20/2022	5 Yr Credit Derault Swap Index		11,320,024	912020-PX-2	US TREAS N/B-NUTE	·	301,442,514	319,007,814
and awaiting RSAT	(CDIG529/CDX.NA.IG.29)	2		303,695,553	339,047,176	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index			76116F-AG-2	RFCSP PRINCIPAL STRIP	1	303,695,553	339,047,176
Filed wth the SVO and awaiting RSAT	Credit Default Indicies (CDIG529/CDX.NA.IG.29)	)	257.000.000	329,208,489	348.379.380	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	5.308.507	5,605,484	912828-PX-2	US TREASURY N/B Note	1	323.899.982	342,773,896
Filed wth the SVO	Credit Default Indicies		237,000,000		040,073,000	03/20/2011	12/20/2022	3 11 Orealt behault owap muck	3,000,007		-	Resolution Funding Corp Principal	'	020,000,002	
and awaiting RSAT	(CD1G529/CDX.NA.IG.29)	2		74,236,691	82,878,198	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index			76116F-AG-2	Strip	1	74,236,691	82,878,198
Filed wth the SVO and awaiting RSAT	Credit Default Indicies (CDIG529/CDX.NA.IG.29)	)		87, 112, 649	112,960,938	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index			912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	87, 112, 649	112.960.938
Filed wth the SVO	Credit Default Indicies			, , ,							-	,			, , , , ,
and awaiting RSAT Filed wth the SVO	(CDIG529/CDX.NA.IG.29)	2	70,000,000	129,789,610	167,995,536	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	1,413,075	1,526,786	912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1		166,468,750
and awaiting RSAT	(CDIG529/CDX.NA.IG.29)	2	35,000,000	64,888,177	83,997,768	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	699,910		912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	64, 188, 267	
Filed wth the SVO	Credit Default Indicies	_						<u></u>							
and awaiting RSAT	(CDIG529/CDX.NA.IG.29)	2	35,000,000	64,889,223	83,997,768	09/20/2017	12/20/2022	5 Yr Credit Default Swap Index	700,956		912810-QK-7	US Treasury 3.875% DUE 8/15/2040 Grupo Aeromexico S.A.B. Floating	1	64, 188, 267	83,234,375
57629*DK4	ABS Bank Loans and Corp Bonds	1	125,000,000	17,865,000	20,047,674	12/05/2016	12/05/2046	Interest Rate Swap		1,360,290	MXP001-TT-1	Rate S	1	17,865,000	18,687,384
57629*DK4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	4		28,410,000	29, 224, 177	12/05/2016	12/05/2046	Interest Rate Swap			78449F-AC-5	SMB PRIVATE ED LN TR 201-SMB PRIVATE ED LN TR 2016-A NT	4	28,410,000	29,224,177
5/629°UN4	Evergreen Basket of Long Fixed Rate	l		28,410,000	29,224,177	12/05/2016	12/05/2040	Interest Hate Swap			/8449F-AU-3	NAVIENT STUDENT LOAN TRU-SERIES 16-	1		29,224,177
57629*DK4	ABS Bank Loans and Corp Bonds	1		22,420,000	23,254,199	12/05/2016	12/05/2046	Interest Rate Swap			63940F-AC-1	2 CLASS A3	1	22,420,000	23,254,199
57629*DK4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		13.060.919	13.069.282	12/05/2016	12/05/2046	Interest Rate Swap			26827X-AA-1	ECMC GROUP STUDENT LOAN -SERIES 2016-1A CLASS A	1	13.060.919	13.069.282
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										, , , , , ,	
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		13,250,000	13,270,657	12/05/2016	12/05/2046	Interest Rate Swap			05618L-AG-1	BABSON CLO LTD-BABSN 2014-IIA BR	1	13,250,000	13,270,657
57629*DK4	ABS Bank Loans and Corp Bonds	1		11,500,000	11,460,130	12/05/2016	12/05/2046	Interest Rate Swap			92916M-AB-7	VOYA CLO LTD-VOYA 2017-1A A2	1	11,500,000	11,460,130
	Evergreen Basket of Long Fixed Rate							·							
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,000,000	11,041,239	12/05/2016	12/05/2046	Interest Rate Swap			05618L-AF-3	BABSON CLO LTD-BABSN 2014-IIA AR ANCHORAGE CAPITAL CLO LT-ANCHC	1	11,000,000	11,041,239
57629*DK4	ABS Bank Loans and Corp Bonds	1		5,100,000	5, 113, 765	12/05/2016	12/05/2046	Interest Rate Swap			033290-AN-7	2012-1A A2R	1	5,100,000	5, 113, 765
E7000+DV4	Evergreen Basket of Long Fixed Rate	4		4 000 000	4 050 400	10 /05 /0010	10 (05 (00 10	Indonesia Dada Com			050400 00 7	STEELE CREEK CLO LTD-SERIES 15-1A	1	4 000 000	4 050 400
57629*DK4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		4,330,000	4,359,106	12/05/2016	12/05/2046	Interest Rate Swap			85816B-CS-7	CLASS CR Grupo Aeromexico S.A.B. Floating	1	4,330,000	4,359,106
57629*DJ7	ABS Bank Loans and Corp Bonds	1	125,000,000	10,917,500	12,807,353	12/05/2016	12/05/2046	Interest Rate Swap		1,387,285	MXP001-TT-1	Rate S	1	10,917,500	11,420,068
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		14.248.683	14.671.568	12/05/2016	12/05/2046	Interest Rate Swap			78442G-PQ-3	SLM STUDENT LOAN TRUST-SERIES 2005- 5 CLASS A4	1	14,248,683	14.671.568
	Evergreen Basket of Long Fixed Rate			, ,				,	-			KEYCORP STUDENT LOAN TRU-SERIES	1		, ,
57629*DJ7	ABS Bank Loans and Corp Bonds	1			8,014,624	12/05/2016	12/05/2046	Interest Rate Swap			49327H-AG-0	2006-A CLASS 2A4	1	<i>7</i> ,851,310	8,014,624
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10.588.494	10,735,264	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BR-1	NELNET STUDENT LOAN TRUS-SERIES 2005-1 CLASS A5	1	10.588.494	10,735,264
	Evergreen Basket of Long Fixed Rate			, , ,				·				SMB PRIVATE EDUCATION LO-SMB 2015-B		, , ,	
57629*DJ7	ABS Bank Loans and Corp Bonds	1		11,914,611	12,220,879	12/05/2016	12/05/2046	Interest Rate Swap			78448Q-AD-0	A3	1	11,914,611	12,220,879

## **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tr	aneactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of C I	Jurrent Statemen		of the Ren	ication (Synthetic Asset) Trans	eactions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper		or the nep		n Instrument(s) Held		
·	_	ū			ŭ	•		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*DJ7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			10.601.009	11, 139, 220	12/05/2016	12/05/2046	Interest Rate Swap			78442G-RX-6	SLM STUDENT LN TR 2006-2 LN BKD NT CL A-6			11,139,220
5/629^00/	Evergreen Basket of Long Fixed Rate	l			11, 139,220	12/05/2016	. 12/05/2046	Interest Hate Swap			/8442G-HX-6 .	SLM STUDENT LOAN TRUST-SERIES 2002-			11, 139,220
57629*DJ7	ABS Bank Loans and Corp Bonds	1		5,704,340	5,749,572	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EX-0 _	7CLASS A11	1	5,704,340	5,749,572
57000±0 17	Evergreen Basket of Long Fixed Rate			10 700 100	40,000,000	10 (05 (00 10	10 (05 (00 10				4000011 11/ 0	BRAZOS HIGHER EDUCATION -SER 2006-2	1	40 700 400	40,000,000
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			10,829,228	12/05/2016	. 12/05/2046	Interest Rate Swap			10620N-AX-6 .	. STUDENT LN REV NT	1	10,720,438	10,829,228
57629*DJ7	ABS Bank Loans and Corp Bonds	1		8,858,803	9,039,108	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BX-8 _	2005-2 CLASS A5	1		9,039,108
	Evergreen Basket of Long Fixed Rate											SOUTH CAROLINA STUDENT L-SERIES 14-			
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1			9,881,800	12/05/2016	12/05/2046	Interest Rate Swap			83715R-AF-9 .	. 1 CLASS A2ACCESS GROUP INC-SERIES 2003-A	1		9,881,800
57629*DJ7	ABS Bank Loans and Corp Bonds	1		5,941,219	6,030,107	12/05/2016	12/05/2046	Interest Rate Swap			00432C-AV-3	CLASS A3	1	5,941,219	6,030,107
	Evergreen Basket of Long Fixed Rate														
57629*DJ7	ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1		5,000,000	5,021,030	12/05/2016	. 12/05/2046	Interest Rate Swap			88322U-AN-9	THACHER PARK CLO-THRPK 2014-1A CR NELNET STUDENT LOAN TRUS-SERIES	1	5,000,000	5,021,030
57629*DJ7	ABS Bank Loans and Corp Bonds	1		7,648,451	7,725,804	12/05/2016	12/05/2046	Interest Rate Swap			640315-AF-4 .	2006-2 CLASS A6	1	7,648,451	7,725,804
	Evergreen Basket of Long Fixed Rate											ROCKALL CLO BV Variable Funding			
57629*DJ7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,626,289	4,626,289	12/05/2016	. 12/05/2046	Interest Rate Swap			77277L-A7-2 .	Note- USDVIBRANT CLO LTD-SERIES 2016-5A	1	4,626,289	4,626,289
57629*DJ7	ABS Bank Loans and Corp Bonds	1		4.300.000	4.326.815	12/05/2016	12/05/2046	Interest Rate Swap			92558A-AA-8 .	CLASS A	1	4,300,000	4,326,815
	Evergreen Basket of Long Fixed Rate			, ,	, ,			·			-	Grupo Aeromexico S.A.B. Floating			
57629*DH1	ABS Bank Loans and Corp Bonds	1	125,000,00	03,970,000	5, 186, 396	12/05/2016	. 12/05/2046	Interest Rate Swap		1,033,644	MXP001-TT-1.	. Rate S	1	3,970,000	4, 152, 752
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		65,300,000	67.347.188	12/05/2016	12/05/2046	Interest Rate Swap			63940L-AC-8	2016-6A CLASS A3	1	65,300,000	67,347,188
	Evergreen Basket of Long Fixed Rate			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,							MONTANA HIGHER EDUCATION-SERIES 12-		,	
57629*DH1	ABS Bank Loans and Corp Bonds	1		22,846,075	23,499,981	12/05/2016	. 12/05/2046	Interest Rate Swap			61205P-AL-3 .	1 CLASS A3	1	22,846,075	23,499,981
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		17.223.619	18 362 702	12/05/2016	12/05/2046	Interest Rate Swap			784419-AF-0	SLC STUDENT LOAN TRUST-SERIES 2006- A CLASS B	1	17.223.619	18.362.702
	Evergreen Basket of Long Fixed Rate			, , ,	, ,							SLM STUDENT LOAN TRUST-SERIES 2002-		, , ,	, ,
57629*DH1	ABS Bank Loans and Corp Bonds	1			994,926	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EW-2 .	7 CLASS A10	1	979,860	994,926
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		1,781,575	1.764.082	12/05/2016	12/05/2046	Interest Rate Swap			429827-AK-4	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A10	1	1,781,575	1,764,082
	Evergreen Basket of Long Fixed Rate				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12, 00, 20 10		The sort hard shap				SLC STUDENT LOAN TRUST-SERIES 2006-			
57629*DH1	ABS Bank Loans and Corp Bonds	1		705,663	705,792	12/05/2016	12/05/2046	Interest Rate Swap			784419-AE-3 .	A CLASS A5	1	705,663	705,792
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1, 157, 346	1.166.565	12/05/2016	12/05/2046	Interest Rate Swap			429827-AP-3	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A14	1	1,157,346	1, 166, 565
07020 5111	Evergreen Basket of Long Fixed Rate				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12, 00, 20 10	12,00,2040	Titor ost nato onap			420027 74 0	HIGHER EDUCATION FUNDING-SERIES		, 107,040	, 100,000
57629*DH1	ABS Bank Loans and Corp Bonds	1		1,063,163	1, 122, 116	12/05/2016	12/05/2046	Interest Rate Swap			429827-AB-4 .	2004-1 CLASS A2	1	1,063,163	1, 122, 116
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1.846.552	1.890.600	12/05/2016	12/05/2046	Interest Rate Swap			83715A-AJ-8 .	SOUTH CAROLINA STUDENT L-SR UNSECURED	1	1.846.552	1,890,600
	Evergreen Basket of Long Fixed Rate			, , , , , ,	, ,							SLC STUDENT LN TR 2006-1 ASSET BK		, , , , ,	
57629*DH1	ABS Bank Loans and Corp Bonds	1	<b>-</b>	1,625,955	1,719,622	12/05/2016	. 12/05/2046	Interest Rate Swap			784427-AF-3 .	NT CL A-6	1		1,719,622
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	L	1,668,573	1.573.156	12/05/2016	12/05/2046	Interest Rate Swap			64033Q-AC-3	NELNET STUDENT LOAN TRUS-SERIES 2015-2A CLASS B	1	1.668.573	1,573,156
	Evergreen Basket of Long Fixed Rate			, , , , ,	, , ,							IOWA STUDENT LOAN LIQUID-SERIES		, , ,	
57629*DH1	ABS Bank Loans and Corp Bonds	1	ļ	1,852,733	1,889,478	12/05/2016	12/05/2046	Interest Rate Swap			462590-JT-8	. 2012-1 CLASS BPENNSYLVANIA ST HGR EDU -SERIES	1	1,852,733	1,889,478
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	L	1,415,801	1.410.050	12/05/2016	12/05/2046	Interest Rate Swap			709163-GJ-2 .	PENNSYLVANTA ST HGR EDU -SERTES 2006 CL B	1	1,415,801	1,410,050
	Evergreen Basket of Long Fixed Rate				, ,							CIT EDUCATION LOAN TRUST-SERIES			
57629*DH1	ABS Bank Loans and Corp Bonds	1	ļ	1,212,727	1,288,379	12/05/2016	12/05/2046	Interest Rate Swap			17284L-AB-0 .	2007-1 CLASS BSLM STUDENT LOAN TRUST-SERIES 2013-	1	1,212,727	1,288,379
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	L	1.325.835	1.303.855	12/05/2016	12/05/2046	Interest Rate Swap			78448C-AH-2	SLM STUDENT LOAN TRUST-SERTES 2013-	1,	1.325.835	1,303,855
	Evergreen Basket of Long Fixed Rate			, , , ,								Grupo Aeromexico S.A.B. Floating		, , ,	
57629*DG3	ABS Bank Loans and Corp Bonds	1	125,000,00	014,887,500	16,609,164	12/05/2016	12/05/2046	Interest Rate Swap		1,036,344	MXP001-TT-1 .	Rate S	1	14,887,500	15,572,820
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	L	6,227,861	6.562.458	12/05/2016	12/05/2046	Interest Rate Swap	[		78448R-AD-8 .	SMB PRIVATE ED LN TR 2015-C LN BCK NT CL A-3	l <sub>1</sub>	6,227,861	6,562,458
	Evergreen Basket of Long Fixed Rate			, ,	, ,			,				SMB PRIVATE ED LOAN TR 2015-A LN			
57629*DG3	ABS Bank Loans and Corp Bonds	1		5,432,618	5,771,132	12/05/2016	12/05/2046	Interest Rate Swap			78448P-AD-2 _	BACKED NT A-3	1	5,432,618	5,771,132
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3,556,261	3,472,560	12/05/2016	12/05/2046	Interest Rate Swap			69847R-AB-8	PANHANDLE-PLAINS TX STUD-SERIES 2001-1 CLASS A2	11	3,556,261	3,472,560
	Evergreen Basket of Long Fixed Rate											COLLEGIATE FUNDING SERVI-SERIES			
57629*DG3	ABS Bank Loans and Corp Bonds	<u> </u>		4,847,201	4,861,973	12/05/2016	12/05/2046	Interest Rate Swap			19458L-BH-2 _	2005-B CLASS A4	1	4,847,201	4,861,973

### **SCHEDULE DB - PART C - SECTION 1**

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	ırrent Statemen						
		Replication (Syn			· · · · · · · · · · · · · · · · · · ·						of the Rep	lication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Oper				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											SLM STUDENT LOAN TRUST-SERIES 2011-			
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,685,072	4,789,276	12/05/2016	12/05/2046	Interest Rate Swap			78446D-AC-3	. A CLASS A3	1	4,685,072	4,789,276
57629*DG3	ABS Bank Loans and Corp Bonds 1	l		3,770,553	3,858,451	12/05/2016	12/05/2046	Interest Rate Swap			63938E-AD-6 _	2014-1 CLASS A4	1	3,770,553	3,858,451
57000+000	Evergreen Basket of Long Fixed Rate			4 405 405	4 400 450	10 (05 (0010	10 (05 (00 10				204000 05 0	ACCESS GROUP INC DEL 2005-1 ASSET		4 405 405	4 400 450
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			1, 186, 153	12/05/2016	12/05/2046	Interest Rate Swap			00432C-CF-6	BKD CTF CL A-3SOUTH TX HIGHER ED AUTH REV SER 1	1		1, 186, 153
57629*DG3	ABS Bank Loans and Corp Bonds 1	l		16,086,751	15,949,035	12/05/2016	12/05/2046	Interest Rate Swap			840555-DA-1 _	CL A-3	1	16,086,751	15,949,035
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			11.903.327	11.947.534	12/05/2016	12/05/2046	Interest Rate Swap			00432C-CW-9	ACCESS GROUP INC-SERIES 2005-B CLASS A3	1	11,903,327	11,947,534
3/029"003	Evergreen Basket of Long Fixed Rate	· · · · · · · · · · · · · · · · · · ·			11,947,334	12/03/2010	12/03/2040	Interest hate Swap			004320-011-9	EDUCATIONAL FUNDING OF T-SERIES	I		11,847,334
57629*DG3	ABS Bank Loans and Corp Bonds 1	l		9,775,189	10,624,004	12/05/2016	12/05/2046	Interest Rate Swap			28148W-AC-7 .	2011-1 CLASS B	1	9,775,189	10,624,004
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1				9.539.163	12/05/2016	12/05/2046	Interest Rate Swap			78444C-AE-3	SLM STUDENT LOAN TRUST-SERIES 07-6 CLASS A5	1	9, 130, 285	9,539,163
	Evergreen Basket of Long Fixed Rate	•		, ,				,				SLM STUDENT LOAN TRUST-SERIES 2007-		, ,	
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			9, 101,678	12/05/2016	12/05/2046	Interest Rate Swap			78443F-AF-4 .	5 CLASS A6ACADEMIC LOAN FUNDING TR-ALFT 2012-	1	8,510,891	9, 101,678
57629*DG3	ABS Bank Loans and Corp Bonds 1	l			8,294,295	12/05/2016	12/05/2046	Interest Rate Swap			00400V-AB-3 .	1A A2	1		8,294,295
	Evergreen Basket of Long Fixed Rate							·				IOWA STUDENT LOAN LIQUID-SERIES			
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			950,504	12/05/2016	12/05/2046	Interest Rate Swap			462592-AD-8	2005-1 CLASS B	1	845,257	950,504
57629*DG3	ABS Bank Loans and Corp Bonds 1	l			9,086,295	12/05/2016	12/05/2046	Interest Rate Swap			78442G-QA-7 .	6 CLASS B	1	8,935,906	9,086,295
E70004DC2	Evergreen Basket of Long Fixed Rate			1 000 0==							000045 45 5	GOAL CAPITAL FUNDING TRU-SERIES			
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		1,628,972	1,679,025	12/05/2016	12/05/2046	Interest Rate Swap			38021F-AB-7 .	2015-1 CLASS B	I	1,628,972	1,679,025
57629*DG3	. ABS Bank Loans and Corp Bonds 1	l		1,647,978	1,641,287	12/05/2016	12/05/2046	Interest Rate Swap			28138J-AB-0 .	2 CLASS B	1	1,647,978	1,641,287
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			1,403,900	1,420,321	12/05/2016	12/05/2046	Interest Rate Swap			78442G-GM-2	SLM STUDENT LOAN TRUST 2003-4 LN BKD CTF CL B	1	1,403,900	1,420,321
5/629°DG3	Evergreen Basket of Long Fixed Rate				1,420,321	12/05/2016	12/05/2046	Interest Hate Swap			/8442U-UNI-2 _	EDUCATIONAL SERVICES OF -2014-4			1,420,321
57629*DG3	. ABS Bank Loans and Corp Bonds 1	l		1,336,666	1,360,188	12/05/2016	12/05/2046	Interest Rate Swap			28090A-AB-5 .	SERIES B	1	1,336,666	1,360,188
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			899,823	913.770	12/05/2016	12/05/2046	Interest Rate Swap			83401L-AA-2 .	SOCIAL PROFESSIONAL LOAN-SERIES 2015-A CLASS A1	1	899.823	913,770
	Evergreen Basket of Long Fixed Rate	'			,			·			-	KINGSLAND LTD-SERIES 2013-6A CLASS		·	
57629*DG3	ABS Bank Loans and Corp Bonds 1	l			1,754,055	12/05/2016	12/05/2046	Interest Rate Swap			49638W-AE-6 .	C	1	1,807,334	1,754,055
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l	125,000,000	7,459,868	6,954,602	12/06/2016	12/06/2046	Interest Rate Swap		(312.898)	281397-AP-4	EDUCATION LOAN ASSET-BAC-SERIES 2003-2 CLASS 2A1	1	7,459,868	7,267,500
	Evergreen Basket of Long Fixed Rate				, ,			·				Grupo Aeromexico S.A.B. Floating			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		11,910,000	12,458,256	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1 .	Rate S NORTHSTAR EDUCATION FINA-NEF 2016-1	1	11,910,000	12,458,256
57629*DF5	ABS Bank Loans and Corp Bonds 1	l		5,929,760	5,914,792	12/06/2016	12/06/2046	Interest Rate Swap			66705R-AA-7 .	A	1	5,929,760	5,914,792
E7000+DE7	Evergreen Basket of Long Fixed Rate			6.570.628	0.005.004	10/00/0010	10 (00 (00 10	Internal Data Co.			281397-AB-5	EDUCATION LOAN ASSET-BAC-SERIES		0 570 000	0.005.004
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l				12/06/2016	12/06/2046	Interest Rate Swap			281397-AB-5 .	. 2003-1 CLASS A2	1	6,570,628	6,605,834
57629*DF5	_ ABS Bank Loans and Corp Bonds 1	l		5,066,284	4,910,296	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CK-5	2005-4 CLASS A4R1	1	5,066,284	4,910,296
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			4.712.167	5 038 500	12/06/2016	12/06/2046	Interest Rate Swap			78443G-AG-0	SLM STUDENT LOAN TRUST-SERIES 2006- 7 CLASS A6B	1	4,712,167	5,038,509
	Evergreen Basket of Long Fixed Rate	٠		, ,								BRAZOS TX HGR EDU AUTH REVENUE BOND	·		
57629*DF5	_ ABS Bank Loans and Corp Bonds 1	l			4,650,730	12/06/2016	12/06/2046	Interest Rate Swap			106238-LJ-5 .		1	4,050,145	4,650,730
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,369,700	5.884 393	12/06/2016	12/06/2046	Interest Rate Swap			28108Q-AB-0	EDLINC STUDENT LOAN FUND-SERIES 2012-1 CLASS B	1	5.369.700	5,884,393
	Evergreen Basket of Long Fixed Rate											EDUCATION LOAN ASSET-BAC-SERIES			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,323,049	4,236,186	12/06/2016	12/06/2046	Interest Rate Swap			281397-AQ-2	. 2003-2 CLASS 2A2	1	4,323,049	4, 236, 186
57629*DF5	ABS Bank Loans and Corp Bonds 1	l	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3,415,420	3,534,716	12/06/2016	12/06/2046	Interest Rate Swap			38021E-AA-2 _	STUDENT LN BKD NT	1	3,415,420	3,534,716
	Evergreen Basket of Long Fixed Rate							·				NELNET STUDENT LOAN TRUS-SERIES			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		3,653,222	3,618,113	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CM-1 .	. 2005-4 CLASS A4R2 NORTH CAROLINA STATE EDU-SERIES	1	3,653,222	3,618,113
57629*DF5	ABS Bank Loans and Corp Bonds 1	l		3,703,660	3,793,046	12/06/2016	12/06/2046	Interest Rate Swap			658262-GD-6 _	2011-2 CLASS A3	1	3,703,660	3,793,046
57000±055	Evergreen Basket of Long Fixed Rate			4 074 000		40 (00 (00 40	10 (00 (00 10				704400 1/11 5	SLM STUDENT LOAN TRUST-SERIES 2004-			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1,871,660	1,924,966	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KW-5 .	L 1 CLASS A6	1	1,871,660	1,924,966
57629*DF5	ABS Bank Loans and Corp Bonds 1	l		13,996,810	14,893,787	12/06/2016	12/06/2046	Interest Rate Swap			83149E-AG-2 _	SEE STORES OF THE SECOND STORE OF D	1	13,996,810	14,893,787

## **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syr	nthetic Asset) Tr	ansactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of ( I	Surrent Statemen		of the Reni	ication (Synthetic Asset) Trans	eactions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper				Instrument(s) Held		
	_	•						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*DF5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		9.708.358	9.595.558	12/06/2016	12/06/2046	Interest Rate Swap			784419-AG-8	SLC STUDENT LOAN TRUST-SERIES 2006- A CLASS C	1	9,708,358	9,595,558
5/025 bi 5	Evergreen Basket of Long Fixed Rate	'						Titterest hate orap				DRB PRIME STUDENT LOAN T-SERIES	'		
57629*DF5	ABS Bank Loans and Corp Bonds 1	1		7,222,406	7,561,077	12/06/2016	12/06/2046	Interest Rate Swap			23341K-AA-3	2015-D CLASS A1	1	7,222,406	7,561,077
57629*DF5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8.645.760	8.004.599	12/06/2016	12/06/2046	Interest Rate Swap			64031C-AB-8	NELNET STUDENT LOAN TRUS-SERIES 2012-2A CLASS B	1		
5/029"DF3	Evergreen Basket of Long Fixed Rate	I			0,004,399	12/00/2010	. 12/00/2040	Tillerest hate swap			0403 IU-AD-0	SLM STUDENT LOAN TRUST-SERIES 2005-	1		
57629*DF5	ABS Bank Loans and Corp Bonds 1	1		14,413,694	14,988,504	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PS-9	5 CLASS B	1	14,413,694	14,988,504
57629*DF5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	4		3.900.000	0 000 710	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BC-3	WIND RIVER CLO LTD-SERIES 12-1A CLASS BR		3,900,000	3,923,712
5/629°DF5	Evergreen Basket of Long Fixed Rate	I				12/06/2016	. 12/06/2046	Interest Hate Swap			87244A-BU-3	Grupo Aeromexico S.A.B. Floating		3,900,000	
57629*DE8	ABS Bank Loans and Corp Bonds 1	1	125,000,000	10,917,500	11,404,141	12/06/2016	12/06/2046	Interest Rate Swap		(15,927)	MXP001-TT-1 _	Rate S	1	10,917,500	11,420,068
57000±050	Evergreen Basket of Long Fixed Rate			0.070.000	0 000 504	10 (05 (0010	10 (05 (0040				007450 40 7	SOUTH CAROLINA STUDENT L-SERIES		0.070.000	0.000.504
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I	·		9,629,524	12/05/2016	. 12/05/2046	Interest Rate Swap			83715R-AG-7	. 2014-1 CLASS B	I		9,629,524
57629*DE8	ABS Bank Loans and Corp Bonds	1		6,501,724	7,389,503	12/06/2016	12/06/2046	Interest Rate Swap			784420-AE-1	1 CLASS B	1	6,501,724	7,389,503
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 2005-			
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1			6,371,161	12/06/2016	. 12/06/2046	Interest Rate Swap			78442G-QT-6	B CLASS B	1	6, 139, 479	6,371,161
57629*DE8	ABS Bank Loans and Corp Bonds	1		5,958,459	6,246,716	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PD-2	3 CLASS B	1	5,958,459	6,246,716
	Evergreen Basket of Long Fixed Rate							·				KEYCORP STUDENT LOAN TRU-SERIES			
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		4,881,005	5,599,815	12/06/2016	. 12/06/2046	Interest Rate Swap			493268-AU-0	1999-B CLASS CTFS	1	4,881,005	5,599,815
57629*DE8	ABS Bank Loans and Corp Bonds	1		6.562.203	6,574,377	12/06/2016	12/06/2046	Interest Rate Swap			78446C-AB-7	2 CLASS B	1	6.562.203	6,574,377
	Evergreen Basket of Long Fixed Rate			, ,								NAVIENT STUDENT LOAN TRU-SERIES		, , ,	
57629*DE8	ABS Bank Loans and Corp Bonds	1		6,955,000	6,488,901	12/06/2016	12/06/2046	Interest Rate Swap			63938E-AE-4	2014-1 CLASS B	1	6,955,000	6,488,901
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5.842.614	5 606 127	12/06/2016	12/06/2046	Interest Rate Swap			64031A-AJ-5	NELNET STUDENT LOAN TRUS-SERIES 2006-3 CLASS B	1	5.842.614	5, 606, 127
	Evergreen Basket of Long Fixed Rate			,	, ,							NAVIENT STUDENT LOAN TRU-SERIES		, ,	
57629*DE8	ABS Bank Loans and Corp Bonds	1		6, 101, 750	6,486,950	12/06/2016	12/06/2046	Interest Rate Swap			63939L-AC-1	2015–3 CLASS B	1		6,486,950
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		6.500.000	6,524,727	12/06/2016	12/06/2046	Interest Rate Swap			78447M-AD-0	SLM STUDENT LOAN TRUST-SERIES 2013- 1 CLASS B	1	6,500,000	6,524,727
	Evergreen Basket of Long Fixed Rate			, ,		12, 00, 2010		Thron out have onap				NELNET STUDENT LOAN TRUS-SERIES			
57629*DE8	ABS Bank Loans and Corp Bonds	1	-	5,306,845	5, 162, 633	12/06/2016	12/06/2046	Interest Rate Swap			64033J-AB-1	2014-1A_CLASS_B	1	5,306,845	5, 162, 633
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4.143.932	4.244.765	12/06/2016	12/06/2046	Interest Rate Swap			194266-AE-2	COLLEGE LOAN CORPORATION-SERIES 2005-2 CLASS B	1	4,143,932	4,244,765
0/020 020	Evergreen Basket of Long Fixed Rate					12, 00, 2010	12/00/2010	Three out have onap			10-1200 NE 2	NELNET STUDENT LOAN TRUS-SERIES			
57629*DE8	ABS Bank Loans and Corp Bonds	1	-	4,416,694	4, 135, 708	12/06/2016	12/06/2046	Interest Rate Swap			64033N-AB-2	2014-5A_CLASS_B	1	4,416,694	4, 135, 708
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,600,077	3.722.578	12/06/2016	12/06/2046	Interest Rate Swap			194262-CF-6	COLLEGE LOAN CORPORATION-SERIES 2004-1 CLASS B	1	3.600.077	3,722,578
07020 020	Evergreen Basket of Long Fixed Rate					12, 00, 2010	12/00/2010	Three out have onup			10-12-02 OF 0	SLM STUDENT LOAN TRUST-SERIES 2004		5,000,077	
57629*DE8	ABS Bank Loans and Corp Bonds	1		3,034,639	3, 149, 602	12/06/2016	12/06/2046	Interest Rate Swap			78442G-LJ-3	- 3 CLASS B	1	3,034,639	3, 149, 602
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3.650.000	3 169 117	12/06/2016	12/06/2046	Interest Rate Swap			64032A-AB-1	NELNET STUDENT LOAN TRUS-SERIES 2012-1A CLASS B	1	3,650,000	3, 169, 117
	Evergreen Basket of Long Fixed Rate			, ,	, ,			· ·				NELNET STUDENT LOAN TRUS-SERIES		, ,	
57629*DE8	ABS Bank Loans and Corp Bonds	1	.	2,984,003	3,251,183	12/06/2016	12/06/2046	Interest Rate Swap			64032F-AH-7	2007-2A CLASS A4A2	1	2,984,003	3,251,183
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3,142,110	2 011 160	12/06/2016	12/06/2046	Interest Rate Swap			64033L-AD-2	NELNET STUDENT LOAN TRUS-SERIES 2014-2A CLASS B	1		2,911,169
0.020 DE0	Evergreen Basket of Long Fixed Rate			, ,				interest hate orap				NELNET STUDENT LOAN TRUS-SERIES	'		
57629*DE8	ABS Bank Loans and Corp Bonds	1	-	3,240,000	2,841,503	12/06/2016	12/06/2046	Interest Rate Swap			64033K-AB-8 _	. 2014-3A CLASS B	1	3,240,000	2,841,503
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		14.400.000	14 412 017	12/06/2016	12/06/2046	Interest Rate Swap			04015B-AL-4	ARES CLO LTD-ARES 2014-31A A2R	1	14,400,000	14,412,917
0/020 DL0	Evergreen Basket of Long Fixed Rate			, ,		12/ 00/ 20 10	. 12/00/2040					THEO OLO LID MILO ZUIH-OIM MZN	1	, ,	
57629*DE8	ABS Bank Loans and Corp Bonds 1	1	.	2,500,000	2,517,033	12/06/2016	12/06/2046	Interest Rate Swap			94949L-AE-0	WELLFLEET CLO LTD-WELF 2016-2A B	1	2,500,000	2,517,033
57629*DD0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	125.000.000	8.900.000	8.544.427	12/06/2016	12/06/2046	Interest Rate Swap		(407 200)	04964H-AN-8	ATRIUM CDO CORP-SERIES 8A CLASS BR	1	8,900,000	8,951,816
	Evergreen Basket of Long Fixed Rate				0, 044, 427	12/00/2010				(407,389)		Grupo Aeromexico S.A.B. Floating	1	, 900,000	
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		3,970,000	4, 152, 752	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1 _	Rate S	1	3,970,000	4, 152, 752
57629*DD0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8.900.000	8.940.967	12/06/2016	12/06/2046	Interest Rate Swap			87246M-AB-8	TICP CLO LTD-SERIES 2016-6A CLASS B	1		8,940,967
3/029°UUU	Evergreen Basket of Long Fixed Rate	I	-	,900,000	5,940,967	12/00/2010	. 12/00/2040	interest mate Swap			01240M-AD-8 _	ATLAS SENIOR LOAN FUND L-ATCLO	I	, 900,000	5,940,967
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		8,850,000	8,890,949	12/06/2016	12/06/2046	Interest Rate Swap			04941T-AE-0	2016-7A B1	1		8,890,949

### **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	ansactions	rieplicati	on (Oynthell	c noodij ild	nsactions Open as of C	uneni Statement		of the Repl	ication (Synthetic Asset) Transa	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		1		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											CARLYLE GLOBAL MARKET ST-SERIES			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate					12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AQ-7	. 2012-4A CLASS BR	1		8,915,375
57629*DD0	ABS Bank Loans and Corp Bonds 1			8,850,000	8,874,240	12/06/2016	12/06/2046	Interest Rate Swap			03764X-AJ-6	A2R	1	8,850,000	8,874,240
E7000+DD0	Evergreen Basket of Long Fixed Rate			7 500 000	7 500 705	40 (00 (0040	40 (00 (0040				007507 40 0	DADINGS OF STATE BARRAL COAS OF AS		7 500 000	7 500 705
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,500,000	7,528,785	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AC-9	BARINGS CLO LTD-BABSN 2016-3A A2 SEVEN STICKS CLO LTD-SR SECD NT CL	1		7 ,528 ,785
57629*DD0	ABS Bank Loans and Corp Bonds 1			7,370,000	7,432,844	12/06/2016	12/06/2046	Interest Rate Swap			81789G-AC-5	A-2 144A	1	<i>7</i> ,370,000	7,432,844
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			13,608,254	13,349,968	12/06/2016	12/06/2046	Interest Rate Swap			64129X-AG-4	NEUBERGER BERMAN CLO XVI-SR SECD NT	1	13,608,254	13,349,968
3/029 000	Evergreen Basket of Long Fixed Rate					12/00/2010	12/00/2040	interest hate swap				BALLYROCK LTD-SERIES 14-1A CLASS	1		
57629*DD0	ABS Bank Loans and Corp Bonds 1			5,420,000	5,425,268	12/06/2016	12/06/2046	Interest Rate Swap			05873L-AJ-5	A1R	1	5,420,000	5,425,268
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3,200,000	3.039.249	12/06/2016	12/06/2046	Interest Rate Swap			78448A-AD-5	SLM STUDENT LOAN TRUST-SERIES 2013- 4 CLASS B	2	3,200,000	3.039.249
	Evergreen Basket of Long Fixed Rate			, ,	,,			•				ACCESS GROUP INC-SERIES 2006-1	-		
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,956,513	2, 176, 551	12/06/2016	12/06/2046	Interest Rate Swap			00432C-DE-8	CLASS B	1	1,956,513	2, 176, 551
57629*DD0	ABS Bank Loans and Corp Bonds 1			2,453,539	2,486,834	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KN-5	14 CLASS A6	1	2,453,539	2,486,834
	Evergreen Basket of Long Fixed Rate							·				KEYCORP STUDENT LOAN TRU-SERIES			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,949,587	1,907,018	12/06/2016	12/06/2046	Interest Rate Swap			493268-BW-5	. 2004-A CLASS 1B	1	1,949,587	1,907,018
57629*DD0	ABS Bank Loans and Corp Bonds 1			1,967,878	2, 135, 948	12/06/2016	12/06/2046	Interest Rate Swap			429827-AR-9	2004-1 CLASS B1	1		2, 135, 948
57629*DD0	Evergreen Basket of Long Fixed Rate			1,996,940	0 107 000	12/06/2016	12/06/2046	Internal Data Core			429827-AS-7	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS B2	1	1,996,940	0 107 000
5/629^DDU	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,996,940	2, 127, 902	12/06/2016	12/06/2046	Interest Rate Swap			429827-AS-7	NELNET STUDENT LOAN TRUS-SERIES	I		2, 127,902
57629*DD0	. ABS Bank Loans and Corp Bonds 1	l		1,914,862	1,948,030	12/06/2016	12/06/2046	Interest Rate Swap			64033T-AB-9	2015-3A CLASS B	1	1,914,862	1,948,030
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1.743.194	1.722.253	12/06/2016	12/06/2046	Interest Rate Swap			19458L-BD-1	COLLEGIATE FUNDING SERVI-SERIES 2005-A CLASS B	1	1.743.194	1,722,253
3/029 000	Evergreen Basket of Long Fixed Rate				1,722,230	12/00/2010	12/00/2040	interest hate Swap			134JOL-DD-1	ACCESS GROUP INC-SERIES 2015-1	1		1,722,200
57629*DD0	ABS Bank Loans and Corp Bonds 1			1,856,183	1,951,709	12/06/2016	12/06/2046	Interest Rate Swap			00435T-AB-7	CLASS B	1		1,951,709
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3.048.420	3,049,290	12/06/2016	12/06/2046	Interest Rate Swap			78442G-RY-4	SLM STUDENT LOAN TRUST-SERIES 2006- 2 CLASS B	1	3,048,420	3,049,290
	Evergreen Basket of Long Fixed Rate			, ,				·				COLLEGE LOAN CORPORATION-SERIES			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,123,511	3, 151, 300	12/06/2016	12/06/2046	Interest Rate Swap			194267-AM-2	. 2007-1 CLASS B2	1	3, 123,511	3, 151, 300
57629*DD0	ABS Bank Loans and Corp Bonds 1			2,890,305	2,583,370	12/06/2016	12/06/2046	Interest Rate Swap			92978J-AH-6	2006-1 CLASS B	1	2,890,305	2,583,370
-7000±000	Evergreen Basket of Long Fixed Rate			0.400.004	0.500.000	10 (00 (0010	10 (00 (00 10				007450 111 5	SOUTH CAROLINA STUDENT L-SERIES 15-		0 400 004	0 500 000
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,436,334	2,568,960	12/06/2016	12/06/2046	Interest Rate Swap			83715R-AH-5	A CLASS AEDUCATIONAL SERVICES OF -SERIES	1	2,436,334	2,568,960
57629*DD0	_ ABS Bank Loans and Corp Bonds 1			2,458,103	2,421,727	12/06/2016	12/06/2046	Interest Rate Swap			28137T-AB-9	2014-2 CLASS B	1	2,458,103	2,421,727
57629*DD0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			2.091.785	2.102.837	12/06/2016	12/06/2046	Interest Rate Swap			78443B-AK-2	SLM STUDENT LOAN TRUST-SERIES 2006- 10 CLASS B	1	2.091.785	2, 102, 837
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,							PENNSYLVANIA HIGHER EDUC-SERIES	1	, , ,	, ,
57629*DD0	ABS Bank Loans and Corp Bonds 1			2,368,145	2,281,524	12/06/2016	12/06/2046	Interest Rate Swap			69340Q-AB-2	2015-1A CLASS B	1	2,368,145	2,281,524
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		2,137,487	2,234,190	12/06/2016	12/06/2046	Interest Rate Swap			281378-AB-5	EDUCATIONAL SERVICES OF -SERIES 2015-1 CLASS B	1	2, 137, 487	2,234,190
	Evergreen Basket of Long Fixed Rate							·		·		ACCESS GROUP-STUDENT LN REVENUE NT			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,852,864	1,976,187	12/06/2016	12/06/2046	Interest Rate Swap			00432C-AR-2	NAVIENT STUDENT LOAN TRUST 2014-8	1	1,852,864	1,976,187
57629*DD0	ABS Bank Loans and Corp Bonds 1			2,217,975	2,204,230	12/06/2016	12/06/2046	Interest Rate Swap			63939D-AD-7	CL B	1	2,217,975	2,204,230
E7000+D00	Evergreen Basket of Long Fixed Rate		405 000 000	0.057.444	0.000 500	10/00/0010	10 (00 (00 10	Latanast Data Co		/404 000	000071 410	BLUEMOUNTAIN CLO 2014-1 LTD SR SEC	0	0.057.444	4 005 550
57629*DC2	Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		125,000,000	3,957,141	3,603,563	12/06/2016	12/06/2046	Interest Rate Swap		(401,989	) 09627L-AJ-6	DEF NT CL D	۷	3,957,141	4,005,552
57629*DC2	ABS Bank Loans and Corp Bonds 1			3,969,789	4,028,712	12/06/2016	12/06/2046	Interest Rate Swap			87165V-AE-9	SYMPHONY CLO LTD-SYMP 2015-16A D	2	3,969,789	4,028,712
57629*DC2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			2,750,000	2.765.840	12/06/2016	12/06/2046	Interest Rate Swap			55953M-AG-7	MAGNETITE CLO LTD-MAGNE 2015-15A D	2	2.750.000	2,765,840
	Evergreen Basket of Long Fixed Rate				, , , ,							LCM XVIII LTD PARTNERSHIP-DEF MEZZ	۷	, ,	
57629*DC2	ABS Bank Loans and Corp Bonds 1			2,784,387	2,759,193	12/06/2016	12/06/2046	Interest Rate Swap			50188G-AN-3	NT CL D 144A	2	2,784,387	2,759,193
57629*DC2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		1,260,030	2,100,130	12/06/2016	12/06/2046	Interest Rate Swap			33882B-AE-9	FLATIRON CLO 2007-1 LTD DEF MEZZ TERM NOTE CL D	1	1,260,030	2, 100, 130
	Evergreen Basket of Long Fixed Rate							·				HIGHBRIDGE LOAN MANAGEME-HLM 11A-17			
57629*DC2	_ ABS Bank Loans and Corp Bonds 1			13,560,000	13,559,593	12/06/2016	12/06/2046	Interest Rate Swap			40436V-AB-7	В	1		13,559,593

## **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	nsactions	i iepiicalii	on (Oynthell	o noodij ild	nsactions Open as of Cu I	noni Gialemeni		of the Reni	ication (Synthetic Asset) Trans	actions		
1 2 3 4 5 6 7 8							8	Derivative In	strument(s) Open				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*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			2,014,402	2,039,408	12/06/2016	12/06/2046	Interest Rate Swap			87230A-AD-8	TCI-FLATIRON CLO LTD-TFLAT 2016-1A	2	2,014,402	2,039,408
	Evergreen Basket of Long Fixed Rate							•	-				0		
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		8,200,000	8,288,240	12/06/2016	12/06/2046	Interest Rate Swap	-		04964H-AQ-1	ATRIUM VIII-DEF NT CL C-R	1	8,200,000	8,288,240
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		7,516,250	7,559,386	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AE-5	BARINGS CLO LTD-BABSN 2016-3A B	1	7,516,250	7,559,386
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			2,500,000	2,514,913	12/06/2016	12/06/2046	Interest Rate Swap			50189P-AN-2	LCM LTD PARTNERSHIP-SERIES 25A CLASS C2	4	2,500,000	2,514,913
3/629~002	Evergreen Basket of Long Fixed Rate	·		∠,500,000 [	2,514,913	12/06/2016	12/00/2046	Interest Mate Swap			30 189P-AN-2	WIND RIVER CLO LTD-WINDR 2012-1A CR	·	∠,500,000	2,514,913
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		6,744,714	6,816,560	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BE-9	OADLY E OLODAL MARKET OF SERVE	1	6,744,714	6,816,560
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		6,700,000	6,777,050	12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AY-0	CARLYLE GLOBAL MARKET ST-SERIES 2012-4A CLASS C1R	1	6,700,000	6,777,050
	Evergreen Basket of Long Fixed Rate											THL CR WIND RIV 2016-1 CLO-SR SECD			
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,585,000	6,644,805	12/06/2016	12/06/2046	Interest Rate Swap	-		88433A-AE-9	NT CL C 144AALM LOAN FUNDING-SERIES ALM 2013-	1		6,644,805
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		5,000,000	5,057,540	12/06/2016	12/06/2046	Interest Rate Swap			00164B-AU-1	7R2A CLASS BR	1	5,000,000	5,057,540
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5.000.000	5.044.645	12/06/2016	12/06/2046	Interest Rate Swap			03328W-AE-8	ANCHORAGE CAPITAL CLO LT-ANCHC 2016-9A C	1	5,000,000	5,044,645
	Evergreen Basket of Long Fixed Rate			, ,	,				-			BLUEMOUNTAIN CLO LTD-SERIES 2014-4A	1		
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		5,000,000	5,043,365	12/06/2016	12/06/2046	Interest Rate Swap			09627V-AW-5	CLASS CR	1	5,000,000	5,043,365
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		4,745,415	4,796,194	12/06/2016	12/06/2046	Interest Rate Swap			55820N-AE-1	24A C1	1	4,745,415	4,796,194
F7000+D00	Evergreen Basket of Long Fixed Rate			0.400.000	0.400.045	40 (00 (0040	10 (00 (00 10				050471/ 111 0	DADONI GLO LED DADONI GOAG LLA DD		0.400.000	0.400.045
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,100,000	6, 126, 315	12/06/2016	12/06/2046	Interest Rate Swap			05617Y-AU-3	BABSON CLO LTD-BABSN 2013-11A BR DRYDEN 42 SR LN FD-SR SEC DEF NT CL	1	6,100,000	6, 126, 315
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		4,449,703	4,544,334	12/06/2016	12/06/2046	Interest Rate Swap			26244Y-AE-6	C	1	4,449,703	4,544,334
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4.500.000	4.546.796	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	4.546.796
	Evergreen Basket of Long Fixed Rate	•		, ,								WIND RIVER CLO LTD-WINDR 2015-2A C		, ,	, ,
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,446,821	4,426,999	12/06/2016	12/06/2046	Interest Rate Swap			88432G-AE-7		1	4,446,821	4,426,999
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		4,375,000	4,402,615	12/06/2016	12/06/2046	Interest Rate Swap			48251B-AE-0	KKR FINANCIAL CLO LTD-KKR 16 B1	1	4,375,000	4,402,615
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4,200,000	4,245,830	12/06/2016	12/06/2046	Interest Rate Swap			03763Y-AS-5	APIDOS CLO-SERIES 12-11A CLASS CR.	1	4,200,000	4,245,830
	Evergreen Basket of Long Fixed Rate	l			4,240,000	12/06/2016	12/00/2040	Tillerest hate swap				APIDOS CLO-SERIES 12-11A CLASS CA : APIDOS CLO-SERIES 2015-20A CLASS BR	I	4,200,000	
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,000,000	4,009,560	12/06/2016	12/06/2046	Interest Rate Swap			03765L-AL-6	BLUEMOUNTAIN CLO LTD-BLUEM 2012-2A	1	4,000,000	4,009,560
57629*DC2	ABS Bank Loans and Corp Bonds 1	l		4,000,000	4,041,176	12/06/2016	12/06/2046	Interest Rate Swap			09626R-AS-4	CR	1	4,000,000	4,041,176
	Evergreen Basket of Long Fixed Rate				0.700.700							ATLAS SENIOR LOAN FUND L-SERIES	_		
57629*DC2 Filed wth the SVO	ABS Bank Loans and Corp Bonds 1	l		2,790,446	2,730,786	12/06/2016	12/06/2046	Interest Rate Swap			04941G-AE-8	2013-1A CLASS C	1	2,790,446	2,730,786
and awaiting RSAT	Inverse JPY Long Term Bond 1	l	50,000,000	59,361,489	62,727,377	03/24/2017	03/28/2019	Currency Forward	.	1, 105,502	912828-KQ-2	US TREASURY 3.125% TO 5/15/2019	1	59,361,489	61,621,875
Filed wth the SVO and awaiting RSAT	Sovereign Bond of Peru2	)	5.000.000	10.900.752	10.330.277	09/08/2017	12/20/2022	5 Yr Credit Default Swap	38,959	43.949	912810-RP-5	UNITED STATES TREASURY 3.00% DUE 11/15/45	1	10.861.793	10.286.328
Filed wth the SVO			,	, , ,	,								'	, , ,	, ,
and awaiting RSAT Filed wth the SVO	Sovereign Bond of Mexico	?	15,000,000	15,195,971	17,817,211	09/08/2017	12/20/2022	5 Yr Credit Default Swap	(89, 404)	(80,446)	912833-LL-2	US TREASURY DUE 2/15/2023	1	15,285,375	17,897,657
and awaiting RSAT	Sovereign Bond of Panama	2	10,000,000	13,983,671	16,632,363	09/08/2017	12/20/2022	5 Yr Credit Default Swap	75,272	82,991	912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1	13,908,399	16,549,372
Filed wth the SVO	Inverse IDV Long Term Bond		50.000.000	60,425,513	70 EE1 000	03/28/2017	04 /04 /0040	Currency Forward		1.445.625	912833-LN-8	US TREASURY	1	60,425,513	71,105,443
and awaiting RSAT Filed wth the SVO	Inverse JPY Long Term Bond	·		DU,420,513		03/28/201/	04/01/2019	Currency Forward	·	1,440,625	912033-LIV-8	US INEROURY	I	00,420,513	J 1, 100,443
and awaiting RSAT	Sovereign Bond of India 3	3	15,000,000	16,638,184	19,786,485	09/14/2017	12/20/2022	5 Yr Credit Default Swap	(51,895)	(72,762)	912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1	16,690,079	19,859,247
Filed wth the SVO and awaiting RSAT	Sovereign Bond of Brazil	3	20.000.000	20.362.111	24.488.564	09/08/2017	12/20/2022	5 Yr Credit Default Swap	(964, 100)	(887.140)	912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1	21,326,211	25,375,704
Filed wth the SVO			, ,	, ,						, ,					
and awaiting RSAT Filed wth the SVO	Sovereign Bond of Columbia	l	15,000,000	15,543,399	18,596,054	09/08/2017	12/20/2022	5 Yr Credit Default Swap	(219,453)	(159,901)	912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1	15,762,852	18,755,955
and awaiting RSAT	Inverse JPY Long Term Bond	l	50,000,000	54,865,084	56,740,938	04/11/2017	04/15/2019	Currency Forward	. [	1,579,805	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	54,865,084	55, 161, 133
Filed wth the SVO and awaiting RSAT	Inverse JPY Long Term Bond		50.000.000	50,874,896	51,895,788	05/01/2017	05/08/2019	Currency Forward		746.374	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	50,874,896	51, 149, 414
Filed wth the SVO	HIVEISE UPT LONG TERM BONG	I	, ,			03/01/201/	00/08/2019	Currency Forward	· [		312020-00-5	US INERSURT 1.023% DUE 3/30/2019	I		
and awaiting RSAT	Inverse JPY Long Term Bond1	l	75,000,000	75,813,570	77,078,989	05/02/2017	05/09/2019	Currency Forward	. L		912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	75,813,570	76,222,656

### **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	insactions	riepiicati	on (Oynthell	o noocij ild	nsactions Open as of Cu	andin Glaternell		of the Renl	ication (Synthetic Asset) Trans	actions				
Replication (Synthetic Asset) Transactions  1 2 3 4 5 6 7 8								Components of the Replication (Synthetic Asset) Transactions  Derivative Instrument(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		
Filed wth the SVO																	
and awaiting RSAT Filed wth the SVO	Inverse JPY Long Term Bond	1	90,000,000	90,776,775	92,079,946	05/03/2017	05/09/2019	Currency Forward			912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	90,776,775	91,266,602		
and awaiting RSAT Filed wth the SVO	Inverse JPY Long Term Bond	1	50,000,000	50,874,896	50,897,601	05/10/2017	05/13/2019	Currency Forward		(251,813)	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	50,874,896	51, 149, 414		
and awaiting RSAT	Inverse JPY Long Term Bond	1	50,000,000	50,874,896	50,894,061	05/11/2017	05/15/2019	Currency Forward		(255,353)	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	50,874,896	51, 149, 414		
Filed wth the SVO and awaiting RSAT	Inverse JPY Long Term Bond	1	25,000,000	25,936,221	26,089,273	05/16/2017	05/20/2019	Currency Forward		13,101	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1	25,936,221	26,076,172		
Filed wth the SVO and awaiting RSAT	Inverse JPY Long Term Bond	1	25.000.000	25,936,221	26,379,267	05/17/2017	05/20/2019	Currency Forward		303.095	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1		26,076,172		
Filed wth the SVO	, and the second		, ,						-	,							
and awaiting RSAT	Inverse JPY Long Term Bond Evergreen Basket of Inverse	1	25,000,000	25,936,221	26,527,115	05/17/2017	05/20/2019	Currency Forward		450,943	912828-C6-5	US TREASURY 1.625% DUE 3/30/2019 AmerisourceBergen Corp-SENIOR	1	25,936,221	26,076,172		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1	250,000,000	21,249,231	14,765,407	09/15/2017	09/15/2047	Interest Rate Swap		(6,697,931)	03073E-AM-7	UNSECUREDBHP Billiton Finance USA-DEBENTURE	1	21,249,231	21,463,338		
57629* DMO	Floating Rate Corporate Bonds	1		28,687,295	34,656,441	09/15/2017	09/15/2047	Interest Rate Swap			055450-AH-3		1	28,687,295	34,656,441		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		31,141,826	31,624,083	09/15/2017	09/15/2047	Interest Rate Swap			12572Q-AG-0	CME GROUP INC-SR UNSECURED	1	31, 141, 826	31,624,083		
57629* DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		18.944.637	19.790.931	09/15/2017	09/15/2047	Interest Rate Swap			29364N-AS-7	ENTERGY MISSISSIPPI INC-SECURED NOTE	1	18,944,637	19,790,931		
	Evergreen Basket of Inverse			20.732.744							29365T-AA-2	ENTERGY TEXAS INC-NOTE					
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse			, , ,			09/15/2047	Interest Rate Swap				FEDERAL REALTY INVESTMEN-NOTE REID	I	20,732,744	21,914,552		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1		25,757,042	32,014,601	09/15/2017	09/15/2047	Interest Rate Swap			313747-AF-4	GILEAD SCIENCES INC-SENIOR	1	25,757,042	32,014,601		
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1		20,830,640	22,020,390	09/15/2017	09/15/2047	Interest Rate Swap			375558-AW-3	UNSECURED NOTE	1	20,830,640	22,020,390		
57629* DMO	Floating Rate Corporate Bonds	1		20,155,729	20,078,094	09/15/2017	09/15/2047	Interest Rate Swap			384780-AA-0		1	20, 155, 729	20,078,094		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		27,088,023	27,200,990	09/15/2017	09/15/2047	Interest Rate Swap			75972Y-AA-9	RENAISSANCERE FINANCE-SR UNSECURED	1	27,088,023	27,200,990		
57629* DMO	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		25, 164, 378	27 950 242	09/15/2017	09/15/2047	Interest Rate Swap			884315-AG-7	THOMAS & BETTS CORP-NOTE	1	25, 164, 378	27,859,243		
	Evergreen Basket of Inverse											WEST MASS ELECTRIC CO-SENIOR					
57629* DMO	Floating Rate Corporate Bonds Evergreen Basket of Inverse	1		19,078,553	19,926,654	09/15/2017	09/15/2047	Interest Rate Swap			958587-BJ-5	UNSECURED NOTE	1	19,078,553	19,926,654		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2	250,000,000	30,111,835	24,620,535	09/15/2017	09/15/2047	Interest Rate Swap		(6,285,456)	031162-CJ-7	AMGEN INC-SENIOR UNSECURED	2	30,111,835	30,905,991		
57629* DL2	Floating Rate Corporate Bonds	2		34,997,716	36,881,210	09/15/2017	09/15/2047	Interest Rate Swap			44107T-AT-3	UNSECURED NOTE	2	34,997,716	36,881,210		
57629* DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		33,142,329	34, 111, 763	09/15/2017	09/15/2047	Interest Rate Swap			445658-CD-7	JB HUNT TRANSPRT SVCS-SENIOR UNSECURED NOTE	2		34, 111, 763		
57629* DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		35.540.032	38.049.857	09/15/2017	09/15/2047	Interest Rate Swap			456866-AM-4	INGERSOLL-RAND CO-DEBENTURE	2	35.540.032	38.049.857		
	Evergreen Basket of Inverse	2		42.879.702	43.268.005						664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE			, .,		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse				,,,	09/15/2017	09/15/2047	Interest Rate Swap				Republic Services Inc-SENIOR	<u>د</u>	42,879,702	43,268,005		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2	<b> </b>	33, 137, 537	33,634,102	09/15/2017	09/15/2047	Interest Rate Swap			760759-AP-5	UNSECURED NOTE	2	33, 137,537	33,634,102		
57629* DL2	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2		37,878,654	38,423,432	09/15/2017	09/15/2047	Interest Rate Swap			94106L-BA-6	Waste Management Inc-SR UNSECURED .	2	37,878,654	38,423,432		
57629* DL2	Floating Rate Corporate Bonds	2	ļ	39,352,572	40,387,078	09/15/2017	09/15/2047	Interest Rate Swap			A05830-41-6	SPARC EM SPC PANAMA METR-SECURED	2	39,352,572	40,387,078		
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2	250,000,000	23,375,397	17,923.294	09/15/2017	09/15/2047	Interest Rate Swap		(6,065,470)	00287Y-AL-3	AbbVie Inc-SENIOR UNSECURED NOTE	2	23,375,397	23,988,764		
57629* DP3	Evergreen Basket of Inverse	2	,,	26.446.989			09/15/2047	Interest Rate Swap		,	00507U-AS-0	ACTAVIS FUNDING SCS-SENIOR UNSECURED NOTE	2	26,446,989	27,500,757		
	Evergreen Basket of Inverse	_	<u> </u>	, , , ,									_				
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2		28,267,095	29,276,701	09/15/2017	09/15/2047	Interest Rate Swap			035242-AP-1	. ANHEUSER-BUSCH INBEV FIN GTD NT DISCOVER FINANCIAL SVS-SENIOR	2	28,267,095	29,276,701		
57629* DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	2		22,884,713	23,273,654	09/15/2017	09/15/2047	Interest Rate Swap			254709-AM-0	UNSECURED	2	22,884,713	23,273,654		
57629* DP3	Floating Rate Corporate Bonds	2		24,484,766	25,076,877	09/15/2017	09/15/2047	Interest Rate Swap			444859-BA-9	. Humana Inc-SENIOR UNSECURED NOTE	2	24,484,766	25,076,877		
57629* DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		23,717,539	24,042,166	09/15/2017	09/15/2047	Interest Rate Swap			61945C-AA-1	MOSAIC CO/THE-SENIOR UNSECURED NOTE	2	23,717,539	24,042,166		

### **SCHEDULE DB - PART C - SECTION 1**

		Replication (Syn	thetic Asset) Tra	ansactions	2,5	- (-)		Components of the Replication (Synthetic Asset) Transactions								
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open Cash 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	
Nullibel	Evergreen Basket of Inverse	Description	Amount	value	i ali value	Date	Date	Description	value	rali value	CUSIF	PHILLIPS 66 PARTNERS LP-SENIOR	Description	value	Fall Value	
57629* DP3	Floating Rate Corporate Bonds	2		24.576.479	24 459 410	09/15/2017	09/15/2047	Interest Rate Swap			718549-AB-4	UNSECURED	2	24.576.479	24.458.410	
3/029 DF3	Evergreen Basket of Inverse			24,570,475	24,430,410	03/ 13/ 2017	. 03/13/204/	Titterest hate swap			7 10343-AD-4	REALTY INCOME CORP-SENIOR UNSECURED	۷	24,370,473	24,430,410	
57629* DP3	Floating Rate Corporate Bonds	2		26,405,717	27 096 232	09/15/2017	09/15/2047	Interest Rate Swap			756109-AN-4	NOTE REID	2	26,405,717	27,096,232	
0/020 5/0	Evergreen Basket of Inverse			20,400,717		00/ 10/ 2017	00/10/204/	Titterest nate onap			700100 784 4	SHERWIN-WILLIAMS CO/THE-SENIOR				
57629* DP3	Floating Rate Corporate Bonds	2		25,321,558	25.832.485	09/15/2017	09/15/2047	Interest Rate Swap			824348-BB-1	UNSECURED	2	25,321,558	25,832,485	
	Evergreen Basket of Inverse				,,		.,								,,	
57629* DP3	Floating Rate Corporate Bonds	2		27,415,768	30,051,786	09/15/2017	09/15/2047	Interest Rate Swap			883203-BQ-3	Textron Inc-NOTE	2	27,415,768	30,051,786	
	Evergreen Basket of Inverse							·				AMPHENOL CORP-SENIOR UNSECURED NOTE		, ,		
57629* DN8	Floating Rate Corporate Bonds	2	250,000,000	22,489,929	16,085,566	09/15/2017	09/15/2047	Interest Rate Swap		(6,560,439)	032095-AC-5		2	22,489,929	22,646,005	
	Evergreen Basket of Inverse															
57629* DN8	Floating Rate Corporate Bonds	2		22,546,143	22,824,305	09/15/2017	09/15/2047	Interest Rate Swap			045487-AA-3	ASSOC BANC-CORP-SR UNSECURED	2	22,546,143	22,824,305	
	Evergreen Basket of Inverse															
57629* DN8	Floating Rate Corporate Bonds	2		21,855,875	22,297,086	09/15/2017	. 09/15/2047	Interest Rate Swap			378272-AL-2	GLENCORE FUNDING LLC-SR UNSECURED .	2	21,855,875	22,297,086	
	Evergreen Basket of Inverse															
57629* DN8	Floating Rate Corporate Bonds	2		22,871,692	23,812,743	09/15/2017	09/15/2047	Interest Rate Swap			45167R-AF-1	IDEX Corp-SENIOR UNSECURED NOTE	2	22,871,692	23,812,743	
	Evergreen Basket of Inverse											KERRY GROUP FIN SERVICES-SENIOR				
57629* DN8	Floating Rate Corporate Bonds	2		21,093,455	20,996,568	09/15/2017	. 09/15/2047	Interest Rate Swap			49245P-AA-4	UNSECURED NOTE	2	21,093,455	20,996,568	
	Evergreen Basket of Inverse											O'REILLY AUTOMOTIVE INC-SENIOR				
57629* DN8	Floating Rate Corporate Bonds	2		21, 130, 845	21, 151, 232	09/15/2017	09/15/2047	Interest Rate Swap			67103H-AF-4	UNSECUREDPLUM CREEK TIMBERLANDS-SENIOR	2	21,130,845	21, 151, 232	
57000± DN0	Evergreen Basket of Inverse	0		21.012.113	04 404 004	00 (45 (0047	00 /45 /00 47	1.4. 4.0.4.0			72925P-AD-7	UNSECURED NOTE		21,012,113	04 404 004	
57629* DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	<sup>2</sup>		21,012,113	21,481,004	09/15/2017	. 09/15/2047	Interest Rate Swap			/2925P-AD-/	Reinsurance Group of Ame-SENIOR	2	21,012,113	21, 481,004	
57629* DN8	Floating Rate Corporate Bonds	2		24,287,125	04 750 150	09/15/2017	09/15/2047	Interest Rate Swap			759351-AG-4	UNSECURED NOTE	0	24.287.125	24,753,152	
3/029 DING	Evergreen Basket of Inverse	4		24,287,120		09/10/201/	. 09/10/204/	interest nate swap			7 3933 1-AG-4	SCHLUMBERGER HLDGS CORP-SR	۷	24,287,123		
57629* DN8	Floating Rate Corporate Bonds	2		22.348.659	23 133 023	09/15/2017	09/15/2047	Interest Rate Swap			806851-AG-6	UNSECURED	2	22.348.659	23,433,953	
3/029 DINO	Evergreen Basket of Inverse			22,340,039	∠ა,4აა,9აა	09/13/201/	. 100/10/204/	interest nate swap			000001-AU-0	WPP FINANCE 2010-SENIOR UNSECURED	١ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠ ٠	22,340,039	20,400,900	
57629* DN8	Floating Rate Corporate Bonds	2		21,767,377	23 767 592	09/15/2017	09/15/2047	Interest Rate Swap			92936M-AB-3	NOTE	2	21,767,377	23,767,592	
5. 5E6 DNO	Evergreen Basket of Inverse					55, 10, 2017		o. oo i nato onap			02300m /ID 0	WYNDHAM WORLDWIDE CORP-SENIOR				
57629* DN8	- Floating Rate Corporate Bonds	2		22.018.444	21.487 193	09/15/2017	09/15/2047	Interest Rate Swap			98310W-AL-2	UNSECURED NOTE	2	22.018.444	21,487,193	
0.020 DNO	Evergreen Basket of Inverse			22,010,444	21,407,100	00, 10, 2011		The sale of the sa			000 1011 /IL L 11	Zimmer Biomet Holdings I-SR	-	22,010,444	21,407,100	
57629* DN8	Floating Rate Corporate Bonds	2		21, 111, 412	21.355.476	09/15/2017	09/15/2047	Interest Rate Swap			98956P-AF-9	UNSECURED	2	21, 111, 412	21,355,476	
	Evergreen Basket of Inverse											ISRAEL ELECTRIC CORP LTD-SECURED				
57629* DN8	- Floating Rate Corporate Bonds	2		21,062,888	22,753,500	09/15/2017	09/15/2047	Interest Rate Swap			EK5851-40-8	NOTE	2	21,062,888	22,753,500	
9999999 - To		•		12.552.580.295	13,459,657,901		XXX	XXX	28.353.816			XXX	XXX	12.524.226.479		

### **SCHEDULE DB - PART C - SECTION 2**

Replication (Synthetic Asset) Transactions Open

			-  (	ejiiaioae rieeetjiia						
	First Quarter		Second	Quarter	Third (	Quarter	Fourth	Quarter	Year T	o Date
İ	1	2	2	1	5	6	7	0	9	10
	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value	Number of Positions	Total Replication (Synthetic Asset) Transactions Statement Value
Beginning Inventory	88	10,739,000,000	95	10,889,000,000	107	11,349,000,000			88	10,739,000,000
Add: Opened or Acquired Transactions	7	150,000,000	19	2,825,000,000	18	2,623,000,000			44	5,598,000,000
Add: Increases in Replication (Synthetic Asset)     Transactions Statement Value	xxx		xxx		XXX		XXX		xxx	
Less: Closed or Disposed of Transactions					17	2,545,000,000			17	2,545,000,000
Less: Positions Disposed of for Failing Effectiveness     Criteria			7	2,365,000,000					7	2,365,000,000
Less: Decreases in Replication (Synthetic Asset)	•									_, , , , , ,
Transactions Statement Value	XXX		XXX		XXX		XXX		XXX	
			_		•					
7. Ending Inventory	95	10,889,000,000	107	11,349,000,000	108	11,427,000,000			108	11,427,000,000

### **SCHEDULE DB - VERIFICATION**

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

		Book/Adjusted Carrying	ng Value Check
1.	Part A, Section 1, Column 14.	3,072,290,566	
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		3,072,290,566
4.	Part D, Section 1, Column 5	9,257,002,698	
5.	Part D, Section 1, Column 6	(6, 184, 712, 132)	
6.	Total (Line 3 minus Line 4 minus Line 5)	······	
		Fair Value C	Check
7.	Part A, Section 1, Column 16	3,635,769,230	
8.	Part B, Section 1, Column 13		
9.	Total (Line 7 plus Line 8)		3,635,769,230
10.	Part D, Section 1, Column 8	9,876,463,491	
11.	Part D, Section 1, Column 9	(6,240,694,262)	
12	Total (Line 9 minus Line 10 minus Line 11)		
		Potential Exposu	ure Check
13.	Part A, Section 1, Column 21	4,566,359,158	
14.	Part B, Section 1, Column 20	116,119,400	
15.	Part D, Section 1, Column 11	4,682,478,558	
16.	Total (Line 13 plus Line 14 minus Line 15)		

### **SCHEDULE E - VERIFICATION**

(Cash Equivalents)

	(Odon Equivalents)	1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	3, 113, 185, 611	2,706,693,131
2.	Cost of cash equivalents acquired	61,069,381,126	94,374,151,148
3.	Accrual of discount	22,255,442	22,360,462
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	74,343	60,907
6.	Deduct consideration received on disposals	62,303,666,789	93,990,074,259
7.	Deduct amortization of premium		5,778
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)	1,901,229,733	3,113,185,611
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	1,901,229,733	3,113,185,611