## **QUARTERLY STATEMENT**

**OF THE** 

**Massachusetts Mutual Life Insurance Company** 

TO THE

**Insurance Department** 

**OF THE** 

**STATE OF** 

FOR THE QUARTER ENDED JUNE 30, 2019

[ X ] LIFE AND ACCIDENT AND HEALTH

[ ] FRATERNAL BENEFIT SOCIETIES

2019



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

### **QUARTERLY STATEMENT**

AS OF JUNE 30, 2019 OF THE CONDITION AND AFFAIRS OF THE

Massachusetts Mutual Life Insurance Company
NAIC Group Code 0435 0435 NAIC Company Code 65935 Employer's ID Number 04-1590850

Organized under the Louis of		(Prior)		04-1330030
Organized under the Laws of	IVIASSAC		, State of Domicile or Port of	Entry MA
Country of Domicile		United States		
Licensed as business type:		ife, Accident & Health [ X ] Fi		
Incorporated/Organized	05/15/1851		Commenced Business	08/01/1851
Statutory Home Office	1295 State S (Street and N		(City o	Springfield, MA, US 01111 or Town, State, Country and Zip Code)
Main Administrative Office	(Officer and W	,	` ,	or rown, state, soundy and 21p sous;
Main Administrative Office		1295 State (Street and		
	eld, MA, US 01111 ate, Country and Zip (	Code)		413-788-8411 Area Code) (Telephone Number)
,	, , ,	,	V	
Mail Address (Str	reet and Number or P		(City o	Springfield, MA, US 01111 or Town, State, Country and Zip Code)
Primary Location of Books and Records		1295 Stat	te Street	
·		(Street and		
	eld, MA, US 01111 ate, Country and Zip (	Code)		413-788-8411 Area Code) (Telephone Number)
Internet Website Address	, ,	www.massm	,	, , , , , , , , , , , , , , , , , , , ,
			iutuai:com	
Statutory Statement Contact	Yiji	S. Starr (Name)	, ,	617-695-4651 (Area Code) (Telephone Number)
	@massmutual.com			413-226-4086
(E-f	mail Address)			(FAX Number)
		OFFIC	ERS	
President and Chief Executive Officer	Roger Willian	n Crandall	Treasurer	Todd Garett Picken
Secretary	Akintokunbo /	Akinbajo #	Appointed Actuary _	Douglas Wright Taylor
		ОТН	ER	
Elizabeth Ward Chicares, Chief Fina Chief Actuary	ancial Officer and	Michael Robert Fanning	Head of MassMutual U.S.	Melvin Timothy Corbett, Chief Investment Officer
Adnan Omar Ahmed, Head of MassM		Geoffrey James Cradd		Pia Denise Flanagan #, Chief of Staff to the CEO
Susan Marie Cicco, Head of Huma Employee Experience		Michael James O'Con	nor, General Counsel	Gareth Fielding Ross, Head of Enterprise Technology & Experience
		DIRECTORS O	R TRUSTEES	
Roger William Crandall - C		Karen Ha	II Bechtel	Mark Thomas Bertolini
Kathleen Ann Corbe Jeffrey Marc Leider		James Henry De Laura Jea		Isabella Davidov Goren William Taylor Spitz
Howard Todd Stitzer - Lead		24474 000		- Taylor opti
	chusetts npden	SS:		
- Itali	ipacii			
all of the herein described assets were statement, together with related exhibits condition and affairs of the said reporting in accordance with the NAIC Annual Strules or regulations require differences respectively. Furthermore, the scope of	the absolute propert, schedules and explagentity as of the repo atement Instructions in reporting not refer this attestation by the	y of the said reporting entity, anations therein contained, an orting period stated above, and and Accounting Practices and lated to accounting practice le described officers also incl	free and clear from any lien nexed or referred to, is a full d of its income and deduction d Procedures manual except s and procedures, accordin udes the related correspondi	porting entity, and that on the reporting period stated above as or claims thereon, except as herein stated, and that this and true statement of all the assets and liabilities and of the is therefrom for the period ended, and have been completed to the extent that: (1) state law may differ; or, (2) that state g to the best of their information, knowledge and belief ing electronic filing with the NAIC, when required, that is any be requested by various regulators in lieu of or in additional contents.
Roger William Crandall President and Chief Executive Of Subscribed and sworn to before me this		Akintokunbo Secre	•	Todd Garett Picken Treasurer  Mg?Yes [ X ] No [ ]
day of			1. State the amendn 2. Date filed 3. Number of pages	

## **ASSETS**

	AS	SEIS			
		1	Current Statement Date 2	3 Net Admitted Assets	4 December 31 Prior Year Net
1.	Bonds	Assets101,229,491,013	Nonadmitted Assets	(Cols. 1 - 2) 101,229,491,013	Admitted Assets 97,079,123,131
	Stocks:	101,229,491,010		101,229,491,010	97,079,120,101
۷.	2.1 Preferred stocks	7/16 026 //22		746,026,422	7// 002 065
	2.2 Common stocks			17,104,552,822	
3.	Mortgage loans on real estate:	17, 104,002,022		17 , 104,352,022	12,021,010,100
٥.	3.1 First liens	24 273 656 030		24,273,656,939	23 623 807 520
		24,270,000,000		24,270,000,000	
4	Real estate:				
٦.	4.1 Properties occupied by the company (less \$				
		195 688 530		195,688,530	195 523 677
	4.2 Properties held for the production of income (less				
	\$	152.520.411		152,520,411	272.704.758
	4.3 Properties held for sale (less \$	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,	
	encumbrances)	62 100 000		62 100 000	20 078 118
-	Cash (\$112,095,660 ), cash equivalents	02,100,000		02,100,000	20,070,110
5.					
	(\$1,496,556,255 ) and short-term	0 500 000 570		0 500 000 570	4 040 000 740
_	investments (\$				
6.	Contract loans (including \$ premium notes)				
7.	Derivatives				
8.	Other invested assets				
9.	Receivables for securities				
10.	Securities lending reinvested collateral assets				
11.	Aggregate write-ins for invested assets				
12.	Subtotals, cash and invested assets (Lines 1 to 11)	182,657,556,804	31,964,762	182,625,592,042	171,235,903,363
13.	Title plants less \$ charged off (for Title insurers				
	only)				
14.	Investment income due and accrued	3,387,381,043	7,017,925	3,380,363,118	3,018,299,945
15.					
	15.1 Uncollected premiums and agents' balances in the course of collection	133,641,519	2,652,878	130,988,641	164,205,761
	15.2 Deferred premiums, agents' balances and installments booked but				
	deferred and not yet due (including \$				
	earned but unbilled premiums)	720,340,446		720,340,446	732,697,836
	15.3 Accrued retrospective premiums (\$				
	contracts subject to redetermination (\$ )				
16.					
	16.1 Amounts recoverable from reinsurers			69,221,907	72,095,690
	16.2 Funds held by or deposited with reinsured companies				
	16.3 Other amounts receivable under reinsurance contracts	16,740,068		16,740,068	31,016,552
17.	3				
18.1	Current federal and foreign income tax recoverable and interest thereon	297, 100, 829		297, 100,829	611,902,202
18.2	Net deferred tax asset				
19.	Guaranty funds receivable or on deposit				
20.	Electronic data processing equipment and software	222,007,011	207, 188, 983	14,818,028	15,645,327
21.	Furniture and equipment, including health care delivery assets				
	(\$)	60,966,376	60,966,376		
22.	Net adjustment in assets and liabilities due to foreign exchange rates				
23.	Receivables from parent, subsidiaries and affiliates	62,961,578	1 , 148	62,960,430	81,873,078
24.	Health care (\$ ) and other amounts receivable				
25.	Aggregate write-ins for other than invested assets	3,722,058,293	1,434,413,242	2,287,645,051	2,204,643,872
26.	Total assets excluding Separate Accounts, Segregated Accounts and	100 077 577 117	. === :::::::::::::::::::::::::::::::::	100 015	470 400
	Protected Cell Accounts (Lines 12 to 25)	192,3/5,561,428	1, 760, 134, 334	190,615,427,094	1/9, 168, /46, 235
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts	69.295.199.065		69,295,199,065	64.478.100.585
28.	Total (Lines 26 and 27)	261,670,760,493		259,910,626,159	243,646,846,820
	DETAILS OF WRITE-INS	201,010,100,100	1,100,101,001	200,010,020,100	2.0,0.0,0.0,020
1101.					
1101.					
1102.					
	Summary of remaining write-ins for Line 11 from overflow page				
1198.					
1199.	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	0.040.000.000		0.040.000.000	A 4/= A( )
2501.	Corporate owned life insurance			2,219,929,606	
2502.	Employee insurance plan advances			40,809,592	
2503.	Investment in trust			27,738,077	
2598.	Summary of remaining write-ins for Line 25 from overflow page				
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	3,722,058,293	1,434,413,242	2,287,645,051	2,204,643,872

## **LIABILITIES, SURPLUS AND OTHER FUNDS**

	,	1 Current	2 December 31
	400 000 000	Statement Date	Prior Year
1.	Aggregate reserve for life contracts \$122,059,570,860 less \$	122 059 570 860	110 010 301 284
2.	Aggregate reserve for accident and health contracts (including \$		
3.	Liability for deposit-type contracts (including \$ Modco Reserve)		
	Contract claims: 4.1 Life	403 135 462	408 860 750
	4.2 Accident and health	24,883,394	
5.	Policyholders' dividends/refunds to members \$		
	and unpaid  Provision for policyholders' dividends, refunds to members and coupons payable in following calendar year - estimated	7,659,206	
0.	amounts:		
	6.1 Policyholders' dividends and refunds to members apportioned for payment (including \$	1 700 560 515	1 704 700 105
	6.2 Policyholders' dividends and refunds to members not yet apportioned (including \$	1,739,302,313	1,704,700,100
	6.3 Coupons and similar benefits (including \$ Modco)		
	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	\$10,001,601 accident and health premiums	45,096,023	32,700,041
	Contract liabilities not included elsewhere:		
	9.1 Surrender values on canceled contracts		
	experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health		
	Service Act	14,412,160	10,424,232
	9.3 Other amounts payable on reinsurance, including \$	10 511 547	17 212 429
	9.4 Interest Maintenance Reserve		
	Commissions to agents due or accrued-life and annuity contracts \$	46 000 000	7 500 755
11.	\$		
12.	General expenses due or accrued	975,768,586	
13.	Transfers to Separate Accounts due or accrued (net) (including \$(127,672,751) accrued for expense	(450, 540, 000)	(440,040,040)
14.	allowances recognized in reserves, net of reinsured allowances)  Taxes, licenses and fees due or accrued, excluding federal income taxes		
15.1	Current federal and foreign income taxes, including \$		3,434
	Net deferred tax liability		
	Unearned investment income		
18.	Amounts held for agents' account, including \$ agents' credit balances	362,915,088	333,630,886
	Remittances and items not allocated		
20. 21.	Liability for benefits for employees and agents if not included above	187,059,293	179,825,843
22.	Borrowed money \$249,749,431 and interest thereon \$		
	Dividends to stockholders declared and unpaid		
	24.01 Asset valuation reserve	4,657,225,992	3,306,820,067
	24.02 Reinsurance in unauthorized and certified (\$	180,364	189,342
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$	(39.598.575)	(17.130.060)
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.08 Derivatives		
	24.09 Payable for securities		
	24.10 Payable for securities lending		
25.	Aggregate write-ins for liabilities	9,415,570,449	9,742,092,195
	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	172,154,219,541	163,558,959,566
	From Separate Accounts Statement	69,295,199,065 241,449,418,606	64,478,100,585 228,037,060,151
	Common capital stock	, , , ,	
	Preferred capital stock		
	Aggregate write-ins for other than special surplus funds		
33.	Gross paid in and contributed surplus		
	Aggregate write-ins for special surplus funds	3,250,000	
	Less treasury stock, at cost:	10, 100,020,000	10,000,440,400
	36.1 shares common (value included in Line 29 \$		
	36.2 shares preferred (value included in Line 30 \$	18,461,207,553	15,609,786,669
	Totals of Lines 29, 30 and 37	18,461,207,553	15,609,786,669
	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	259,910,626,159	243,646,846,820
	DETAILS OF WRITE-INS Repurchase agreements	4 581 872 945	4,803,587,340
2502.	Derivative collateral	2,735,906,380	2,945,652,368
2503.	Derivative accrued interest		
	Summary of remaining write-ins for Line 25 from overflow page	9,415,570,449	9,742,092,195
3101.			
	Summary of remaining write-ins for Line 31 from overflow page		
3199.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
	Designated surplus for group annuities		
3403.			
	Summary of remaining write-ins for Line 34 from overflow page	3,250,000	3,250,000
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	ა,∠ის,სსს	3,200,000

## **SUMMARY OF OPERATIONS**

		1 1	2	3
		Current Year	Prior Year	Prior Year Ended
		To Date	To Date	December 31
1.	Premiums and annuity considerations for life and accident and health contracts	10,339,876,616	10,905,150,689	22,905,684,993
2.	Considerations for supplementary contracts with life contingencies.	13,242,727	12,734,431	23,694,419
3.	Net investment income			7,709,838,336
4.	Amortization of Interest Maintenance Reserve (IMR)	13,261,014	39,511,926	63,947,853
5.	Separate Accounts net gain from operations excluding unrealized gains or losses			20
6.	Commissions and expense allowances on reinsurance ceded	113,343,059	66,048,233	183,575,292
7.	Reserve adjustments on reinsurance ceded	(5,720,385)	(107,456,470)	(120,338,587)
8.	Miscellaneous Income:			
	8.1 Income from fees associated with investment management, administration and contract			
	guarantees from Separate Accounts.	194,508,513	195,274,116	393,312,833
	8.2 Charges and fees for deposit-type contracts			
	8.3 Aggregate write-ins for miscellaneous income		289,461,677	561,716,288
9.	Totals (Lines 1 to 8.3)		15,032,465,582	31,721,431,447
10.	Death benefits		959,241,750	1,801,487,193
11.	Matured endowments (excluding guaranteed annual pure endowments)		9, 172, 456	15,155,252
12.	Annuity benefits		1,019,753,296	2,004,550,137
13.	Disability benefits and benefits under accident and health contracts	181,336,701	181,126,917	369,893,030
14.	Coupons, guaranteed annual pure endowments and similar benefits			
15.	Surrender benefits and withdrawals for life contracts	10,486,336,500	8,074,963,149	18,213,757,819
16.	Group conversions			
17.	Interest and adjustments on contract or deposit-type contract funds	196,447,624	213,995,565	426,166,626
18.	Payments on supplementary contracts with life contingencies	7,570,524	7,099,002	14,836,103
19.	Increase in aggregate reserves for life and accident and health contracts		3,121,442,799	7,507,800,736
20.	Totals (Lines 10 to 19)	16,017,686,660	13,586,794,934	30,353,646,896
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct			
	business only)	480,298,322	470,768,090	978, 144, 683
22.	Commissions and expense allowances on reinsurance assumed	36,873,665		83,452,865
23.	General insurance expenses and fraternal expenses	1,145,217,107	1, 171,624,650	2,366,077,039
24.	Insurance taxes, licenses and fees, excluding federal income taxes	143, 155, 710	133, 166, 551	257,788,721
25.	Increase in loading on deferred and uncollected premiums	(19, 131, 319)	(27,881,837)	(27,564,856)
26.	Net transfers to or (from) Separate Accounts net of reinsurance			(3,008,428,954)
27.	Aggregate write-ins for deductions		(596,870,760)	(1,031,463,367)
28.	Totals (Lines 20 to 27)		14,171,999,665	29,971,653,027
29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus $$			
	Line 28)		860,465,917	1,749,778,420
30.	Dividends to policyholders and refunds to members	814,295,786	750,792,123	1,695,253,440
31.	Net gain from operations after dividends to policyholders, refunds to members and before federal	000 750 045	400 070 704	E4 E04 000
	income taxes (Line 29 minus Line 30)		109,673,794	54,524,980
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)	4,148,547	22,974,460	(168,384,146)
33.	Net gain from operations after dividends to policyholders, refunds to members and federal income taxes and before realized capital gains or (losses) (Line 31 minus Line 32)	100 605 200	96 600 334	222,909,126
0.4		199,000,390 [	00,099,004	222,909,120
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital gains tax of \$(23,047,338) (excluding taxes of \$19,172,481			
		(82,872,602)	(1 404 404 770)	(1 044 056 066)
25	transferred to the IMR)	116.732.796	(1,424,404,772)	(1,044,256,266)
35.	Net income (Line 33 plus Line 34)	110,732,790	(1,337,700,438)	(821,347,140)
	CAPITAL AND SURPLUS ACCOUNT	45 000 700 000	45 705 040 050	45 705 040 050
36.	Capital and surplus, December 31, prior year		15,705,216,653	15,705,216,653
37.	Net income (Line 35)		(1,337,705,438)	(821,347,140)
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$(201,555,103)	3,866,521,724	287,088,460	1,778,861,989
39.	Change in net unrealized foreign exchange capital gain (loss)	(220,807,073)	(308,625,513)	(394,081,443)
40.	Change in net deferred income tax	8,010,863	299,420,303	289,824,207
41.	Change in nonadmitted assets			
42.	Change in liability for reinsurance in unauthorized and certified companies			
43.	Change in reserve on account of change in valuation basis, (increase) or decrease	(4 050 405 005)	700 507 005	(00.750.404)
44.	Change in asset valuation reserve			
45.	Change in treasury stock			0.450
46.	Surplus (contributed to) withdrawn from Separate Accounts during period			3,153
47.	Other changes in surplus in Separate Accounts Statement			(3,153)
48.	Change in surplus notes			468,924
49.	Cumulative effect of changes in accounting principles			
50.	Capital changes:			
	50.1 Paid in			
1	50.2 Transferred from surplus (Stock Dividend)			
F-4	50.3 Transferred to surplus	<del> </del>  -		
51.	Surplus adjustment:	[		
	51.1 Paid in			
1	51.2 Transferred to capital (Stock Dividend)			
1	51.3 Transferred from capital			
	51.4 Change in surplus as a result of reinsurance			
52.	Dividends to stockholders			00 000 000
53.	Aggregate write-ins for gains and losses in surplus		(54,656,074)	66,888,062
	Net change in capital and surplus for the year (Lines 37 through 53)		(677, 175, 452)	(95,429,984)
55.	Capital and surplus, as of statement date (Lines 36 + 54)	18,461,207,552	15,028,041,201	15,609,786,669
	DETAILS OF WRITE-INS			
	Management and administrative fees		143,762,025	284,985,025
	Change in corporate owned life insurance			10,599,028
	Experience refunds on reinsurance contracts			132,207,033
	Summary of remaining write-ins for Line 8.3 from overflow page	51,698,836	68,773,241	133,925,202
08.399.	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	361,642,847	289,461,677	561,716,288
		(EOC 4CE 0E7)	(709 328 382)	(1,221,343,804)
2701.	Change in reserves due reinsurance agreement	(390,403,937)[.	(100,020,002)	
2701. 2702.	Change in reserves due reinsurance agreement	(6,906,039)	(760,620,662)	(14,545,497)
2702.	Change in reserves due reinsurance agreement Reinsurance ceded adjustment Market value adjustment transfer	(6,906,039)	(7,272,747)	
2702. 2703.	Reinsurance ceded adjustment	(6,906,039)	(7,272,747) (3,687,265)	
2702. 2703. 2798.	Reinsurance ceded adjustment	(6,906,039)	(7,272,747) (3,687,265)	(2,947,226)
2702. 2703. 2798. 2799.	Reinsurance ceded adjustment	(6,906,039) (81,269) 165,815,329 (437,637,936)	(7,272,747) (3,687,265) 123,417,634 (596,870,760)	(2,947,226) 207,373,160 (1,031,463,367)
2702. 2703. 2798. 2799. 5301.	Reinsurance ceded adjustment	(6,906,039) (81,269) 165,815,329 (437,637,936) (18,571,134)	(7,272,747) (3,687,265) (3417,634 (596,870,760) (47,383,327)	(2,947,226) 207,373,160 (1,031,463,367) (46,534,072)
2702. 2703. 2798. 2799. 5301. 5302.	Reinsurance ceded adjustment  Market value adjustment transfer  Summary of remaining write-ins for Line 27 from overflow page  Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)  Other changes in surplus  Reinsurance ceded adjustment	(6,906,039) (81,269) 165,815,329 (437,637,936) (18,571,134) (6,906,039)	(7,272,747) (3,687,265) 123,417,634 (596,870,760) (47,383,327) (7,272,747)	(2,947,226) 207,373,160 (1,031,463,367) (46,534,072) (14,545,497)
2702. 2703. 2798. 2799. 5301. 5302. 5303.	Reinsurance ceded adjustment	(6,906,039) (81,269) 165,815,329 (437,637,936) (18,571,134) (6,906,039)		
2702. 2703. 2798. 2799. 5301. 5302. 5303. 5398.	Reinsurance ceded adjustment  Market value adjustment transfer  Summary of remaining write-ins for Line 27 from overflow page  Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)  Other changes in surplus  Reinsurance ceded adjustment	(6,906,039) (81,269) 165,815,329 (437,637,936) (18,571,134) (6,906,039)	(7,272,747) (3,687,265) 123,417,634 (596,870,760) (47,383,327) (7,272,747)	

# **CASH FLOW**

		Current Year To Date	Prior Year To Date	Prior Year Ended December 31
	Cash from Operations			
1.	Premiums collected net of reinsurance	10,243,825,203	10,990,431,836	22,608,709,332
2.	Net investment income	3,745,192,890	2,856,438,992	6,761,697,857
3.	Miscellaneous income	541,904,066	405,497,296	1,015,740,25
4.	Total (Lines 1 to 3)	14,530,922,159	14,252,368,124	30,386,147,43
5.	Benefit and loss related payments	13,045,624,894	10,444,347,363	22,915,622,38
6.	Net transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(3,675,881,671)	(692,445,453)	(3,090,655,49
7.	Commissions, expenses paid and aggregate write-ins for deductions	1,289,207,360	1,215,162,472	2,702,636,29
8.	Dividends paid to policyholders	779,811,103	740,648,546	1,588,224,23
9.	Federal and foreign income taxes paid (recovered) net of \$(3,896,105) tax on capital			
	gains (losses)	(317,439,421)	(233,059,480)	(162,241,55
10.	Total (Lines 5 through 9)	11,121,322,265	11,474,653,448	23,953,585,86
	Net cash from operations (Line 4 minus Line 10)	3,409,599,894	2,777,714,676	6,432,561,57
	, so casi i son spo alloi (i o i i i i o i o i o i o i o i o i o i	5,155,555,55	2,,,	0,102,001,01
	Cash from Investments			
12.	Proceeds from investments sold, matured or repaid:			
		10,021,890,290	9,894,634,888	19,213,999,10
	12.2 Stocks		1,208,723,986	2,708,586,08
	12.3 Mortgage loans	1,332,094,377	1, 199, 370, 456	2,330,683,30
	12.4 Real estate	55,530,458	273,427,314	275,807,61
	12.5 Other invested assets	461,560,691	1,251,721,813	2, 155, 259, 32
	12.6 Net gains or (losses) on cash, cash equivalents and short-term investments	11,053,461	1,746,932	13,072,42
	12.7 Miscellaneous proceeds	111,341,060	(511,052,593)	71,696,82
	12.8 Total investment proceeds (Lines 12.1 to 12.7)	12,396,619,931	13,318,572,796	26,769,104,68
13.	Cost of investments acquired (long-term only):			
	13.1 Bonds	13,975,081,300	12,835,073,522	26,525,627,84
	13.2 Stocks	983.425.519	498,604,297	895 . 103 . 81
	13.3 Mortgage loans		1,854,099,971	
	13.4 Real estate		(9,886,664)	
	13.5 Other invested assets		798 , 147 , 338	
	13.6 Miscellaneous applications	(36,833,915)	(445,257,667)	724,893,58
	13.7 Total investments acquired (Lines 13.1 to 13.6)	17,565,639,537	15,530,780,797	33,263,649,81
	Net increase (or decrease) in contract loans and premium notes	218,604,078	328,364,756	545,869,32
	·		, ,	
15.	Net cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(5,387,623,684)	(2,540,572,757)	(7,040,414,45
	Cash from Financing and Miscellaneous Sources			
16.	Cash provided (applied):			
	16.1 Surplus notes, capital notes			
	16.2 Capital and paid in surplus, less treasury stock			
	16.3 Borrowed funds	21,049	39,912,708	(234,57
	16.4 Net deposits on deposit-type contracts and other insurance liabilities	350,311,316	606,661,567	86,596,12
	16.5 Dividends to stockholders			
	16.6 Other cash provided (applied)	(188,291,742)	161,485,042	1,259,929,46
17.	Net cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 plus Line 16.6)	162,040,623	808,059,317	1,346,291,01
	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS	(4.212.25		<b></b>
18.	Net change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(1,815,983,167)	1,045,201,236	738 , 438 , 12
	Cash, cash equivalents and short-term investments:			
	19.1 Beginning of year	4,318,003,746	3,579,565,622	3,579,565,62
	19.2 End of period (Line 18 plus Line 19.1)	2,502,020,579	4,624,766,858	4,318,003,74
	oplemental disclosures of cash flow information for non-cash transactions:			
	1. Bond conversions and refinancing		195,838,277	1,058,254,50
0.000	3. Change in market value of corporate owned life insurance	105,204,542	17,104,969	292,360,8 11,073,7
000	4. Transfer of mortgage loan to other invested assets	91,145,668	81,265,450	244 , 153 , 14
	h NIGCK CONVERSION		29,809,048 2,292,627	9 , 227 , 70
0.000		3.698 799		
0.000 0.000 0.000	6. Net investment income payment in-kind bonds	116,308	4,909,373	11,434,06
0.000 0.000 0.000 0.000	6. Net investment income payment in-kind bonds	116,308 78,219	4,909,373 460,873	

Note: Supplemental disclosures of cash flow information for non-cash transactions:		
20.0011. Bank loan rollovers	56,885,606	55,096,955
20.0012. Dividend declared from Insurance Road LLC	52,000,000	
20.0013. Return of capital	105,953	105,953
20.0014. Other invested assets contributed to Insurance Road LLC		476, 114, 707
20.0015. Transfer from bonds to other than invested assets		199,694,466
20.0016. Transfer of bonds to partnerships		81, 111,847
20.0017. Transfer of other invested assets to real estate		56,615,096

## **EXHIBIT 1**

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	DIRECT PREMIUMS AND DEPOSIT-TYPE (	CONTRACTS		
		1 Current Year	2 Prior Year	3 Prior Year Ended
		To Date	To Date	December 31
1.	Industrial life			
2.	Ordinary life insurance	3,544,678,406	3,350,560,040	7,405,145,430
3.	Ordinary individual annuities	1,828,918,844	997,403,708	3,303,332,907
4.	Credit life (group and individual)			
5.	Group life insurance	743,758,642	393,849,766	701, 120,304
6.	Group annuities	4,586,276,797	5,509,749,095	11,111,242,611
7.	A & H - group	228,881	153,434	371,603
8.	A & H - credit (group and individual)			
9.	A & H - other	373,599,035	372,021,750	747,932,707
10.	Aggregate of all other lines of business			
11.	Subtotal (Lines 1 through 10)	11,077,460,605	10,623,737,793	23,269,145,562
12.	Fraternal (Fraternal Benefit Societies Only)			
13.	Subtotal (Lines 11 through 12)	11,077,460,605	10,623,737,793	23,269,145,562
14.	Deposit-type contracts	2,486,752,464	2,166,371,340	4,486,037,688
15.	Total (Lines 13 and 14)	13,564,213,069	12,790,109,133	27,755,183,250
	DETAILS OF WRITE-INS			
1001.				
1002.				
1003.				
1098.	Summary of remaining write-ins for Line 10 from overflow page			
1099.	Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			

#### **TABLE OF CONTENTS**

- Note 1 Summary of Significant Accounting Policies and Going Concern
- Note 2 Accounting Changes and Corrections of Errors
- Note 3 Business Combinations and Goodwill
- Note 4 Discontinued Operations
- Note 5 Investments
- Note 6 Joint Ventures, Partnerships and Limited Liability Companies
- Note 7 Investment Income
- Note 8 Derivative Instruments
- Note 9 Income Taxes
- Note 10 Information Concerning Parent, Subsidiaries and Affiliates
- Note 11 Debt
- Note 12 Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans
- Note 13 Capital and Surplus, Shareholders' Dividend Restrictions and Quasi-Reorganizations
- Note 14 Liabilities, Contingencies and Assessments
- Note 15 Leases
- Note 16 Information About Financial Instruments With Off-Balance Sheet Risk and Financial Instruments With Concentrations of Credit Risk
- Note 17 Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities
- Note 18 Gain or Loss to the Reporting Entity from Uninsured Plans and the Uninsured Portion of Partially Insured Plans
- Note 19 Direct Premium Written/Produced By Managing General Agents/Third Party Administrators
- Note 20 Fair Value Measurements
- Note 21 Other Items
- Note 22 Events Subsequent
- Note 23 Reinsurance
- Note 24 Retrospectively Rated Contracts and Contracts Subject to Redetermination
- Note 25 Change in Incurred Losses and Loss Adjustment Expenses
- Note 26 Intercompany Pooling Arrangements
- Note 27 Structured Settlements
- Note 28 Health Care Receivables
- Note 29 Participating Policies
- Note 30 Premium Deficiency Reserves
- Note 31 Reserves for Life Contracts and Annuity Contracts
- Note 32 Analysis of Annuity Actuarial Reserves and Deposit Type Liabilities by Withdrawal Characteristics
- Note 33 Premium and Annuity Considerations Deferred and Uncollected
- Note 34 Separate Accounts
- Note 35 Loss/Claim Adjustment Expenses

### 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/C	F/C		
		F/S	F/S		
	SSAP#	Page	Line #	2019	2018
NET INCOME					
(1) State basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ 116,732,796	\$ (821,347,140)
(2) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	=
(3) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A	<u> </u>	
(4) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ 116,732,796	\$ (821,347,140)
SURPLUS					
(5) State basis (Page 3, Line 38, Columns 1 & 2)	XXX	XXX	XXX	\$ 18,461,207,553	\$ 15,609,786,669
(6) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	=	-
(7) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A	<u> </u>	
(8) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$ 18,461,207,553	\$ 15,609,786,669

- b. Use of estimates in the preparation of the financial statements No change
- c. Accounting policy:
  - (1-5) No change
  - (6) For loan-backed and structured securities, such as asset-backed securities, mortgage-backed securities, including residential mortgage-backed securities and commercial mortgage-backed securities, and structured securities, including collateralized debt obligations, amortization or accretion is revalued quarterly based on the current estimated cash flows, using either the prospective or retrospective adjustment methodologies.

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

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

(7-14) No change

d. Going concern:

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

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

a. For the six months ended June 30, 2019, corrections of prior years' errors were recorded in surplus, net of tax:

	Increase (Decrease) to:	
Prior	Current	Asset
Years'	Year	or Liability
Net Income	Surplus	Balances
(5,200,429)	(5,200,429)	5,200,429
42,188,338	42,188,338	(42, 188, 338)
(3,794,493)	\$ 114,705,507	\$ 114,705,507
(48,604,549)	(48,604,549)	48,604,549
(3,160,000)	(3,160,000)	3,160,000
(18,571,133)	\$ 99,928,867	
	Years' Net Income (5,200,429) 42,188,338 (3,794,493) (48,604,549) (3,160,000)	Years'         Year           Net Income         Surplus           (5,200,429)         (5,200,429)           42,188,338         42,188,338           (3,794,493)         \$ 114,705,507           (48,604,549)         (48,604,549)           (3,160,000)         (3,160,000)

Of the \$99,928,867 increase to surplus for prior years' errors, \$18,571,133 was recorded as prior period adjustments with an additional amount of \$118,500,000 that was recorded as a change in nonadmitted assets, net of taxes.

For the six months ended June 30, 2018, corrections of prior years' errors were recorded in surplus, net of tax:

	Increase (Decrease) to:									
		Prior		Current		Asset				
		Years'		Year		or Liability				
		Net Income		Surplus		Balances				
Partnerships and limited liability companies	\$	-	\$	(58,641,016)	\$	(58,641,016)				
Deferred income taxes		-		(36,021,141)		(36,021,141)				
Policyholders' reserves		(40,521,324)		(40,521,324)		40,521,324				
Policyholders' dividends		(3,397,000)		(3,397,000)		3,397,000				
Total	\$	(43,918,324)	\$	(138,580,481)						

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

Of the \$138,580,481 decrease to surplus for prior years' errors, \$43,918,324 was recorded as prior period adjustments with offsets of \$58,641,016 that was recorded as a change in nonadmitted assets, net of taxes and \$36,021,141 that was recorded as a change in net deferred income taxes in the Statutory Statements of Changes in Surplus.

#### b. Adoption of new accounting standards:

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

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

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

In April 2019, the NAIC adopted modifications to SSAP No. 16R, Electronic Data Processing Equipment and Software, effective January 1, 2020, the Company elected to early adopt effective April 1, 2019. This guidance aligns and clarifies the requirements for capitalizing implementation costs incurred in a hosting arrangement that is a service contract, with the requirement for capitalizing implementation costs incurred to develop or obtain internal-use software. Costs for implementation activities in the application development stage is capitalized, depending on the nature of the costs and would be nonadmitted, while costs incurred during preliminary project or post implementation stages are expensed as incurred. The amendments also require the entity to expense the capitalized implementation costs of a hosting arrangement that is a service contract over the lesser of the expected term of the hosting arrangement or five years. The Company adopted this guidance on a prospective basis and the adoption did not have a significant impact to its financial statements.

### Note 3 – Business Combinations and Goodwill - No change

### $\underline{\textbf{Note 4-Discontinued Operations}} \textbf{ - No change}$

#### 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 securities:
  - (1) Prepayment assumptions for loan-backed and structured securities are based on various assumptions and inputs obtained from external industry sources along with internal analysis and actual experience.
  - (2) The following contains loan-backed and structured securities that recognized other-than-temporary impairments (OTTI) classified on the following bases for recognizing OTTI:

			(1)	(2) OTTI			(3)	
			Amortized Recognized					
			ost Basis		in Loss			
			Before	(2a)	(2b)	)		Fair Value
			OTTI	Interest	Non	-interest		1-(2a+2b)
OT.	TI recognized in the first quarter							
a.	Intent to sell	\$		\$ -	Φ.		¢	
b.	Inability or lack of intent to retain the investment	Ψ	<del>-</del>	Ψ -	Ψ	<del>-</del>	Ψ	_
ь.	in the security for a period of time sufficient to							
	recover the amortized cost basis		7,789,431			154,795		7,634,636
_		<u> </u>			Φ.		<u> </u>	
C.	Total first quarter	\$	7,789,431	<u>\$</u> -	\$	154,795	<u>\$</u>	7,634,636
OT.	TI 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		7,999,887	_		932,709		7,067,178
f.	Total second quarter	\$	7,999,887	\$ -	\$	932,709	\$	7,067,178
	TI recognized in the third quarter	_			_		_	
g.	Intent to sell	\$	-	\$ -	\$	-	\$	-
h.	Inability or lack of intent to retain the investment							
	in the security for a period of time sufficient to							
	recover the amortized cost basis							_
i.	Total third quarter	\$		<u> </u>	\$		\$	-
ОТ	TI recognized in the fourth quarter							
i	Intent to sell	\$	_	\$ -	\$	_	\$	_
k	Inability or lack of intent to retain the investment	*		T	*		Ψ	
•••	in the security for a period of time sufficient to							
	recover the amortized cost basis		_	_		_		_
I.	Total fourth quarter	\$	_	\$ -	\$		\$	_
	·	<u>-</u>			: <u>===</u>		<u> </u>	
m.	Annual aggregate total			\$ -	\$	1,087,504		

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

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

CUSIP	Amortized Cost before OTTI	Projected Cash Flow	Recognized OTTI	Amortized Cost after OTTI	Fair Value at Time of OTTI	Date of Financial Instrument Where Reported
61750MAB1	\$ 5,275	\$ 4,933	\$ (341)	\$ 4,933	\$ 4,989	March 31, 2019
65106FAG7	232,843	215,725	(17,118)	215,725	6,315	March 31, 2019
18974BAA7	285,889	270,801	(15,088)	270,801	278,615	March 31, 2019
18974BAN9	149,774	139,333	(10,441)	139,333	148,234	March 31, 2019
32051GCF0	22,786	(6,720)	(29,507)	(6,720)	17,552	March 31, 2019
761118FM5	3,259,303	3,218,368	(40,935)	3,218,368	3,244,153	March 31, 2019
17309FAE8	200,512	200,501	(11)	200,501	208,828	March 31, 2019
466247UG6	467,713	452,358	(15,354)	452,358	459,812	March 31, 2019
57643QAE5	3,114,325	3,109,375	(4,949)	3,109,375	3,256,106	March 31, 2019
US74951PBV94	51,011	29,959	(21,051)	29,959	58,410	March 31, 2019
61750MAB1	5,283	4,899	(383)	4,900	4,344	June 30, 2019
65106FAG7	229,769	212,651	(17,118)	212,651	1,110	June 30, 2019
18974BAN9	154,354	143,911	(10,443)	143,911	141,999	June 30, 2019
32051GCF0	21,220	(8,286)	(29,507)	(8,287)	4,334	June 30, 2019
761118FM5	3,379,906	3,276,459	(103,447)	3,276,459	3,468,888	June 30, 2019
79548KXQ6	335,309	321,863	(13,445)	321,864	218,662	June 30, 2019
17309FAE8	201,350	201,338	(11)	201,339	203,249	June 30, 2019
466247UG6	455,076	439,722	(15,354)	439,722	450,922	June 30, 2019
55274SAM3	114,173	79,608	(34,565)	79,608	119,029	June 30, 2019
57643QAE5	3,047,671	2,360,286	(687,385)	2,360,286	3,180,695	June 30, 2019
US74951PBV94	55,776	34,724	(21,051)	34,725	49,924	June 30, 2019
Totals	\$ 15,789,318	\$ 14,701,808	\$ (1,087,504)	\$ 14,701,811	\$ 15,526,170	

- (4) As of June 30, 2019, the gross unrealized losses and fair values for investments in structured and loan-backed securities for which an OTTI has not been recognized in earnings follow:
  - a. The aggregate amount of unrealized losses:
    - Less than 12 months
       12 months or longer
       (41,211,362)
       (69,953,443)
  - b. The aggregate related fair value of securities with unrealized losses:
    - 1. Less than 12 months
       \$ 4,194,679,847

       2. 12 months or longer
       \$ 3,186,088,794
- (5) No change
- e. Dollar repurchase agreements and/or securities lending transactions: The Company did not have any dollar repurchase agreements and/or securities lending transactions.
- f. Repurchase agreements transactions accounted for as secured borrowing:
  - (1) The Company has entered into repurchase agreements whereby the Company sells securities and simultaneously agrees to repurchase the same or substantially the same securities. These repurchase agreements are accounted for as collateralized borrowings with the proceeds from the sale of the securities recorded as a liability and the underlying securities continue to be recorded as an investment by the Company. Earnings on these investments are recorded as investment income and the difference between the proceeds and the amount at which the securities will be subsequently reacquired is amortized as interest expense. Repurchase agreements are used as a tool for overall portfolio management to help ensure the Company maintains adequate assets in order to provide yield, spread and duration to support liabilities and other corporate needs.

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

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

#### (2) Type of Repo Trades Used

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

(3) Original (Flow) & Residual Maturity

			FIRST Q	UAF	RTER			SECOND	QU/	ARTER	
		1	2		3	4	5	6		7	8
					AVERAGE					AVERAGE	
					DAILY	ENDING				DAILY	ENDING
		MINIMUM	MAXIMUM		BALANCE	BALANCE	MINIMUM	MAXIMUM		BALANCE	BALANCE
a.	Open – No Maturity	\$ -	\$ -	\$	-	\$ =	\$ =	\$ -	\$	-	\$ =
b.	Overnight	\$ -	\$ -	\$	-	\$ =	\$ =	\$ -	\$	-	\$ =
c.	2 Days to 1 Week	\$ =	\$ =	\$	-	\$ -	\$ =	\$ =	\$	=	\$ -
d.	> 1 Week to 1 Month	\$ 25,112,500	\$ 478,331,250	\$	191,700,481	\$ 478,331,250	\$ =	\$ =	\$	=	\$ -
e.	> 1 Month to 3 Months	\$ 1,378,958,732	\$ 2,443,289,210	\$	1,847,670,788	\$ 1,381,711,232	\$ 634,567,500	\$ 1,289,114,357	\$	858,482,355	\$ 726,494,338
f.	> 3 Months to 1 Year	\$ 2,518,781,700	\$ 4,217,378,750	\$	3,068,496,660	\$ 3,009,547,950	\$ 3,338,682,975	\$ 3,937,000,995	\$	3,624,799,097	\$ 3,795,019,538
g.	> 1 Year	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -

			THIRD Q	UAF	RTER					FOURTH	QU	ARTER		
		9	10		11	12		13		14		15		16
					AVERAGE							AVERAGE		
					DAILY	ENDING						DAILY		ENDING
		MINIMUM	MAXIMUM		BALANCE	BALANCE		MINIMUM		MAXIMUM		BALANCE		BALANCE
а.	Open - No Maturity	\$ -	\$	\$	-	\$ -	,	-	\$	; -	\$	-	\$	
٥.	Overnight	\$ -	\$ -	\$	-	\$ -	5	-	\$	-	\$	-	\$	
٥.	2 Days to 1 Week	\$ -	\$ -	\$	-	\$ -	5	-	\$	· -	\$	-	\$	
i.	> 1 Week to 1 Month	\$ -	\$ -	\$	-	\$ -	5	-	\$	-	\$	-	\$	
ð.	> 1 Month to 3 Months	\$ -	\$ -	\$	-	\$ -	5	<del>-</del>	\$	· -	\$	=	\$	
	> 3 Months to 1 Year	\$ -	\$ -	\$	-	\$ -		<del>-</del>	\$	· -	\$	=	\$	
1	> 1 Year	\$ _	\$ _	s	_	\$ _		: <u>-</u>	ļ¢		\$	_	¢.	

- (4) The company did not have any repurchase agreements where securities sold and/or acquired resulted in default as of June 30, 2019.
- (5) Securities "Sold" Under Repo Secured Borrowing

			FIRST Q	UARTER			SECOND	QUARTER	
		1	2	3	4	5	6	7	8
				AVERAGE				AVERAGE	
				DAILY	ENDING			DAILY	ENDING
		MINIMUM	MAXIMUM	BALANCE	BALANCE	MINIMUM	MAXIMUM	BALANCE	BALANCE
a.	BACV	XXX	XXX	XXX	\$ 4,869,590,432	XXX	XXX	XXX	\$ 4,521,513,876
b.	Nonadmitted - Subset of BACV	XXX	XXX	XXX	\$ -	XXX	XXX	XXX	\$ -
c.	Fair Value	\$ 4,784,106,400	\$ 6,685,780,461	\$ 5,107,867,929	\$ 4,869,590,432	\$ 4,291,141,966	\$ 5,010,738,932	\$ 4,483,281,452	\$ 4,521,513,876

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

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

#### ENDING BALANCE

		1	2	3		4	5	6	7	8
										NON-
		NONE	NAIC 1	NAIC 2		NAIC 3	NAIC 4	NAIC 5	NAIC 6	ADMITTED
a.	Bonds - BACV	\$ -	\$ 4,521,513,876	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Bonds - FV	-	4,521,513,876		-	-	-	-	-	-
c.	LB & SS - BACV	-	-		-	-	-	-	-	-
d.	LB & SS - FV Preferred Stock -	-	-		-	-	-	-	-	-
e.	BACV	-	-		-	-	-	-	-	-
f.	Preferred Stock - FV	-	-		-	=	-	-	-	=
g.	Common Stock Mortgage Loans -	-	-		-	-	-	-	-	-
h.	BACV	-	-		-	-	-	-	-	-
i.	Mortgage Loans - FV	-	-		-	-	-	-	-	-
j.	Real Estate - BACV	-	-		-	-	-	-	-	-
k	Real Estate - FV	-	-		-	-	-	-	-	-
1.	Derivatives - BACV	-	-		-	-	-	-	-	-
m.	Derivatives - FV	-	-		-	-	-	-	-	-
n.	Other Invested Assets - BACV	-	-		-	-	_	_	-	-
o.	Other Invested Assets - FV	_	-		-	-	_	-	-	-
p.	Total Assets - BACV	\$ -	\$ 4,521,513,876	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
q.	Total Assets - FV	\$ -	\$ 4,521,513,876	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -

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

(7) Collateral Received - Secured Borrowing

			FIRST Q	UAF	RTER			SECOND	QUA	RTER	
		1	2		3	4	5	6		7	8
					AVERAGE					AVERAGE	
					DAILY	ENDING				DAILY	ENDING
		MINIMUM	MAXIMUM		BALANCE	BALANCE	MINIMUM	MAXIMUM		BALANCE	BALANCE
a.	Cash	\$ 6,100,802	\$ 23,884,197	\$	12,360,041	\$ 14,619,197	\$ 14,996,687	\$ 15,771,687	\$	15,231,443	\$ 14,996,687
b.	Securities (FV)	\$ 3,568,544,223	\$ 4,903,138,950	\$	4,655,778,775	\$ 4,407,590,406	\$ 3,705,744,296	\$ 4,562,749,659	\$	4,269,765,500	\$ 4,562,749,659

		9 10  MINIMUM MAXIMUM				RTER					FOURTH (	QU.	ARTER	
		9		10		11		12	13		14		15	16
						AVERAGE							AVERAGE	
						DAILY		ENDING					DAILY	ENDING
		MINIMUM		MAXIMUM		BALANCE		BALANCE	MINIMUM		MAXIMUM		BALANCE	BALANCE
a.	Cash	\$	-	\$ -	\$	-	\$	-	\$ -	9	-	\$	-	\$ -
h	Securities (EV)	\$	- 1	s -	\$	_	1\$	_	\$ _	9	· -	\$	_	\$ _

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

#### ENDING BALANCE

		1 NONE	2 NAIC 1	3 NAIC 2	2	4 NAIC 3	5 NAIC 4	6 NAIC 5	7 NAIC 6	8 DOES NOT QUALIFY AS ADMITTED
a.	Cash	\$ 14,996,687	\$ -	\$	-	\$ -	\$ _	\$ -	\$ -	\$ -
b.	Bonds - FV	-	4,562,749,659		-	-	-	-	-	-
c.	LB & SS - FV	-	_		-	-	-	-	-	-
d.	Preferred Stock - FV	-	_		-	-	-	-	-	-
e.	Common Stock	-	_		-	-	-	-	-	-
f.	Mortgage Loans - FV	-	-		-	-	_	_	_	-
g.	Real Estate - FV	-	-		-	-	-	-	-	-
h.	Derivatives - FV	-	-		-	-	-	-	-	-
	Other Invested Assets									
i.	- FV	-	-		-	=	-	-	-	-
	Total Collateral Assets - FV (Sum of a									
j.	through i)	\$ 14,996,687	\$ 4,562,749,659	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -

(9) Allocation of Aggregate Collateral by Remaining Contractual Maturity

		FAIR VALUE
	Overnight and	
a.	Continuous	-
b.	30 Days or Less	\$ 2,074,130,895
c.	31 to 90 Days	\$ 2,447,382,981
d.	> 90 Days	\$ -

(10) The company did not have any repurchase agreements where cash collateral received was reinvested as of June 30, 2019.

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

			FIRST Q	UAF	RTER			SECOND	QUA	ARTER	
		1	2		3	4	5	6		7	8
					AVERAGE					AVERAGE	
					DAILY	ENDING				DAILY	ENDING
		MINIMUM	MAXIMUM		BALANCE	BALANCE	MINIMUM	MAXIMUM		BALANCE	BALANCE
a.	Cash (Collateral – All) Securities Collateral	\$ 6,100,802	\$ 23,884,197	\$	12,360,041	\$ 14,619,197	\$ 14,996,687	\$ 15,771,687	\$	15,231,443	\$ 14,996,687
b.	(FV)	\$ 3,568,544,223	\$ 4,903,138,950	\$	4,655,778,775	\$ 4,407,590,406	\$ 3,705,744,296	\$ 4,562,749,659	\$	4,269,765,500	\$ 4,562,749,659

				THIRD Q	ĮUΑ	RTER				FOURTH (	QUA	ARTER		
		9		10		11	12	13	Π	14		15	16	
						AVERAGE						AVERAGE		
						DAILY	ENDING					DAILY	ENDING	
		MINIMUM		MAXIMUM		BALANCE	BALANCE	MINIMUM	L	MAXIMUM		BALANCE	BALANCE	
	ash (Collateral – All) ecurities Collateral	\$	- \$	-	\$	-	\$ -	\$ -	5	-	\$	-	\$	-
b. (F\	FV)	\$	- \$	-	\$	-	\$ \$ -	\$ -	1	\$ -	\$	-	\$ 	-

g. Reverse repurchase agreements transactions accounted for as secured borrowing: The Company did not have any reverse repurchase

agreements transactions accounted for as secured borrowing.

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

#### o. Structured notes:

A structured note is a direct debt issuance by a corporation, municipality, or government entity, ranking pari-passu with the issuer's other debt issuance of equal seniority where either: (a) the coupon and/or principal payments are linked, in whole or in part, to prices or payment streams from index or indices, or assets deriving their value from other than the issuer's credit quality, or (b) the coupon and/or principal payments are leveraged by a formula that is different from either a fixed coupon, or a non-leveraged floating rate coupon linked to an interest rate index, including but not limited to the London Interbank Offered Rate (LIBOR) or the prime rate. As structured notes are issuer obligations without a trust, they are within the scope of SSAP No. 26, "Bonds, Excluding Loan-backed and Structured Securities". Structured notes are different than the asset backed structured securities, which are accounted for under SSAP No. 43R, "Revised - Loan-Backed and Structured Securities", as they lack either a trust or assets backing them. The disclosure below allows regulators to assess the volume of activity in structured notes and to determine whether additional accounting or reporting revisions, such as valuation and risk-based capital, are needed. To satisfy this request, the Company is required to separately identify structured notes, on a CUSIP basis and provide information by CUSIP for actual cost, fair value, book/adjusted carrying value, and whether the structured note is a mortgage-referenced security. The following sets forth the actual cost, fair value and carrying value of structured notes as of June 30, 2019:

CUSIP Identification	Actual Cost	Fair Value	Book / Adjusted Carrying Value	Mortgage- Referenced Security (YES/NO)
30711XDK7	\$ 222,688	\$ 212,104	\$ 219,597	YES
391164AF7	8,467,560	8,137,558	8,024,979	NO
P7794GAH5	1,262,834	1,304,074	1,269,415	NO
912810FR4	4,944,283	6,392,479	5,778,439	NO
912810PS1	1,874,118	2,780,096	2,396,371	NO
059514AC3	9,327,385	10,512,766	9,369,250	NO
Total	\$ 26,098,868	\$ 29,339,077	\$ 27,058,051	XXX

#### p. 5GI Securities:

		1						
	Investment	Number of 5G	I Securities	Aggregate	e BACV	Aggregate Fair Value		
		Current Year Prior Ye		Current Year	Prior Year	Current Year	Prior Year	
(1)	Bonds - AC	81	92	\$623,679,827	\$669,688,836	\$617,084,396	\$651,777,531	
(2)	LB&SS - AC	-	-	-	-	-	-	
(3)	Preferred Stock - AC	3	4	14,600,149	15,232,649	21,044,727	19,902,853	
(4)	Preferred Stock - FV	-	-	_	-	-	-	
(5)	Total (1+2+3+4)	84	96	\$638,279,976	\$684,921,485	\$638,129,123	\$671,680,384	

AC - Amortized Cost FV - Fair Value

- q. Short Sales The Company does not engage in short sale transactions.
- r. Prepayment Penalty and Acceleration Fees:

		 Six Months Ended June 30, 2019					
		 General Account		Separate Account			
1.	Number of CUSIPS	35		11			
2.	Aggregate Amount of Investment Income	\$ 40,080,907	\$	514,369			

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

Note 7 - Investment Income - No change

Note 8 - Derivative Instruments - No change

Note 9 - Income Taxes - No change

### Note 10 - Information Concerning Parent, Subsidiaries and Affiliates

a-c. MMHLLC paid \$650,000,000 in dividends to MassMutual for the period ended June 30, 2019, which were declared in December 2018, declared \$300,000,000 of dividends in June 2019 to be paid to MassMutual subsequent to June 30, 2019 and declared \$250,000,000 in dividends for the period ended June 30, 2018.

MassMutual contributed additional capital of \$50,140,419 to MMHLLC for the six months ended June 30, 2019 and \$143,806,605 for the six months ended June 30, 2018,

On May 24, 2019, an indirectly wholly owned subsidiary of MassMutual, MM Asset Management Holding LLC (MMAMH) executed the sale of its retail asset management affiliate, OppenheimerFunds, Inc. (OFI), to Invesco Ltd. (Invesco), a global asset manager. Under the terms of the sale, MMAMH and OFI employee shareholders received 81.8 million of Invesco common shares and \$3,948,653,000 in perpetual, non-cumulative preference shares with a fixed cash dividend rate of 5.9%. MMAMH is a directly wholly owned subsidiary of MMHLLC. In turn, MMAMH received 15.7% common equity interest in post transaction Invesco and MMAMH entered into a shareholder rights, including the appointment of a director to Invesco's board of directors. MassMutual's investment in MMHLLC was increased from the impact of this sale through change in unrealized capital gains of \$3,331,000,000, with an approximate net increase to surplus of \$2,500,000,000.

#### d-f. No change

Subsidiaries of MMHLLC and MMI are involved in litigation and investigations arising in the ordinary course of their business, which seek compensatory damages, punitive damages and equitable remedies. Although the Company is not aware of any actions or allegations that reasonably could give rise to a material adverse impact to the Company's financial position or liquidity, the outcome of litigation cannot be foreseen with certainty. It is the opinion of management that the ultimate resolution of these matters will not materially impact the Company's financial position or liquidity. However, the outcome of a particular proceeding may be material to the Company's surplus for a particular period depending upon, among other factors, the size of the loss and the level of the Company's changes in surplus for the period.

The Company has no parent.

h-n. No change

#### Note 11 - Debt

- No change
- 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 \$896,212,863 as of June 30, 2019.
- (2) FHLB Boston capital stock
  - a. Aggregate totals:

			Jur	ne 30, 2019	
			1	2	3
			Total	General	Separate
			2+3	Account	Account
1.	Current Year:				
	(a) Membership stock - Class A	\$	- (	-	\$ -
	(b) Membership stock - Class B		10,000,000	10,000,000	-
	(c) Activity Stock		49,400,000	49,400,000	-
	(d) Excess Stock		-	-	_
	(e) Aggregate Total	\$	59,400,000	\$ 59,400,000	\$ -
	(f) Actual or Estimated Borrowing Capacity	<del></del>			
	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		48,700,000	48,700,000	-
	(d) Excess Stock		=	=	=
	(e) Aggregate Total	\$	73,700,000 \$	\$ 73,700,000	\$ -
	(f) Actual or Estimated Borrowing Capacity as determined by the Insurer	\$	2,000,000,000	\$ 2,000,000,000	\$ <del>-</del>

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

Six Months	Ended	June	30,	201	9

			SIX I	nonuis Endec	June	JU, ZU	119					
		1		2	Eligible for Redemption							
						3 4			5		6	
		Current	Not	Not Eligible		ss	6 Months		1 to Less			
Me	embership	Year		for	Tha	an 6	to L	ess	Th	an	3 t	o 5
	Stock	Total	Red	emption	Moi	nths	Than 1	1 Year	3 Y	ears	Ye	ars
1.	Class A	\$ -	\$	_	\$	-	\$	-	\$	-	\$	-
2.	Class B	10,000,000	10	,000,000		_		-		_		_

### (3) Collateral pledged to FHLB:

a. Amount pledged as of June 30, 2019:

1. Current year total general and separate accounts:

	Fair	Carrying	Aggregate Total			
	Value	Value		Borrowing		
\$	1,600,247,239	\$ 1,226,576,046	\$	1,103,787,138		

2. Current year general account:

Total collateral pledged

Current year separate accounts:

Total collateral pledged

 Fair
 Carrying
 Aggregate Total

 Value
 Value
 Borrowing

 \$ 1,600,247,239
 \$ 1,226,576,046
 \$ 1,103,787,138

Fair Carrying Aggregate Total
Value Value Borrowing

\$ - \$ - \$ -

Total collateral pledged

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

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

Total collateral pledged \$ 1,585,921,118

Maximum amount pledged for the six months ended June 30, 2019: 1. Current year total general and separate accounts:

					Amount Borrowed
	Fair Carrying		a	t Time of Maximum	
		Value	Value	Collateral	
Maximum collateral pledged	\$	1,640,573,775	\$ 1,249,138,717	\$	1,108,532,168

2. Current year general account:

		Amount Borrowed
Fair	Carrying	at Time of Maximum
Value	Value	Collateral
\$ 1.640.573.775	\$ 1.249.138.717	\$ 1.108.532.168

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:

			Ar	mount Borrowed
	Fair	Carrying	at 7	Γime of Maximum
	Value	Value		Collateral
Maximum collateral pledged	\$ 1,635,548,627	\$ 1,246,429,701	\$	1,103,750,455

#### (4) Borrowing from FHLB:

#### a. Amount:

1. Current year:

,			June 30	), 20	19		
		1	2		3		4
		Total	General	S	eparate	Fun	ding Agreements
		2+3	Account	А	ccount	Rese	erves Established
(a) Debt	\$	-	\$ -	\$	-	\$	-
(b) Funding agreements	1,1	103,787,138	1,103,787,138		-		1,103,787,138
(c) Other		=	=		-		-
(d) Aggregate total	\$ 1,1	103,787,138	\$ 1,103,787,138	\$		\$	1,103,787,138

#### Prior Year-end:

			December	31, 2018		
	1		2	3		4
	Total		General	Separate	Fun	ding Agreements
	2+3		Account	Account	Rese	erves Established
(a) Debt	\$	- \$	-	\$ -	\$	-
(b) Funding agreements	1,103,750,45	5	1,103,750,455	-		1,103,750,455
(c) Other		-	=	-		=
(d) Aggregate total	\$ 1,103,750,45	5 \$	1,103,750,455	\$ -	\$	1,103,750,455

#### b. Maximum Amount:

			Six Month	ns E	nded June 30, 20	19	
			1		2		3
			Total		General	Sep	arate
			2+3		Account	Acc	count
1.	Debt	\$	=	\$	=	\$	-
2.	Funding		1,108,532,168		1,108,532,168		-
3.	Other		-		-		_
4.	Aggregate	\$	1,108,532,168	\$	1,108,532,168	\$	
		_					

### c. FHLB - Prepayment Obligations:

Does the company have prepayment obligations under the following arrangements (YES/NO)?

1.	Debt	N/A
2.	Funding agreements	NO
3.	Other	N/A

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

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

### (2-3) No change

					Six Months End	ded	June 30,			
			2019	2018	2019		2018		2019	2018
			 Pension	1	Postretire	eme	ent	,	Special or Contractual	Benefits
			 Benefits	i	Benet	fits			per SSAP No 1	1
(4)	Cor	nponents of net periodic benefit cost								
á	a.	Service cost	\$ 55,468,982 \$	56,383,950	\$ 6,600,000 \$	5	6,350,000	\$	- \$	
ŀ	b.	Interest cost	58,829,924	53,806,753	6,750,000		5,850,000		-	
(	c.	Expected return on plan assets	(79,753,546)	(85,754,200)	(50,000)		(50,000)		-	
(	d.	Transition asset or obligation	-	-	-		-		-	
6	e.	Gains and losses	28,246,736	27,398,535	(100,000)		1,150,000		-	
f	f.	Prior service cost or (credit)	-	1,561,342	(2,750,000)		(2,750,000)		-	
ć	g.	Gain or loss recognized due to a settlement or curtailment	_	-	_		_		-	
ŀ	h.	Total net periodic benefit cost	\$ 62,792,096 \$	53,396,380	\$ 10,450,000 \$	5	10,550,000	\$	- \$	

(5-21) No change

b-i No change

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

(1-3) No change

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

(5-13) No change

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

a. Contingent commitments:

In the normal course of business, the Company enters into funding agreements. In March 2019, MassMutual entered into a Contingent Capital Facility Agreement (the Facility) with an unaffiliated entity (the Trust). Under the Facility, subject to regulatory approval in certain circumstances, MassMutual has the right, and upon the occurrence of certain events has an obligation, to issue up to \$800,000,000 of surplus notes to the Trust in exchange for all or a pro rata portion of certain principal and interest strips of U.S. Treasury Securities held by the Trust. MassMutual is required to pay a facility fee of approximately 2.00% per year to the Trust on the undrawn portion of the Facility, totaling approximately \$16,000,000 per year if the Facility remains undrawn, and certain additional administrative fees and expenses.

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

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

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

#### Note 15 - Leases - No change

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

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

- a. Transfers of receivables reported as sales No change
- b. Transfer and servicing of financial assets:
  - (1) No change
  - (2) The Company did not have any servicing assets or liabilities in 2019 or 2018.
  - (3) No change
  - (4) The Company did not have interests that continue to be held by a transferor in securitized financial assets in 2019 or 2018.
  - (5-7) No change
- 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, or unrated, through the six months ended June 30, 2019 that were reacquired within 30 days of the sale date.

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

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

#### Note 20 - Fair Value Measurements

- a. Fair value is defined as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The authoritative guidance around fair value establishes a measurement framework that includes a hierarchy used to classify the inputs used in measuring fair value. The hierarchy prioritizes the inputs to valuation techniques into three levels. Each level reflects a unique description of the inputs that are significant to the fair value measurements. The levels of the fair value hierarchy are as follows:
  - Level 1 Observable inputs in the form of quoted prices for identical instruments in active markets.
  - Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active or other inputs that are observable or can be derived from observable market data for substantially the full term of the assets or liabilities.

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

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

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

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

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

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

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

			June 30, 2019			
				Ne	et Asset Value	_
	Level 1	Level 2	Level 3		(NAV)	Total
Financial assets:						
Bonds:						
Special revenue	-	49,998	-		-	49,998
Industrial and miscellaneous	\$ 10,058,792	\$ 197,051,557	\$ 76,031,013	\$	-	\$ 283,141,362
Preferred stocks	-	-	10,418,983		-	10,418,983
Common stock - subsidiaries and affiliates	156,539,802	=	117,123,250		-	273,663,052
Common stock - unaffiliated	982,875,518	-	236,372,553		-	1,219,248,071
Derivatives:						
Interest rate swaps	-	9,979,485,296	-		-	9,979,485,296
Options	111,517,132	621,440,737	-		-	732,957,869
Currency swaps	-	1,061,053,513	-		-	1,061,053,513
Forward contracts	-	74,867,860	-		-	74,867,860
Credit default swaps	-	329,956	-		-	329,956
Financial futures	179,994,733	-	-		-	179,994,733
Separate account assets	46,462,106,416	21,841,034,419	992,058,229		-	69,295,199,064
Total financial assets carried						,
at fair value	\$ 47,903,092,394	\$ 33,775,313,335	\$ 1,432,004,028	\$	-	\$ 83,110,409,757
Financial liabilities:						
Interest rate swaps	\$ -	\$ 8,124,268,074	\$ -	\$	-	\$ 8,124,268,074
Options	2,623,529	- · · · · · -	=		=	2,623,529
Currency swaps	-	224,608,847	-		-	224,608,847
Forward contracts	-	36,502,180	-		-	36,502,180
Credit default swaps	=	414,462	=		=	414,462
Financial futures	27,105,407	-	-		-	27,105,407
Total financial liabilities carried						
at fair value	\$ 29,728,936	\$ 8,385,793,563	\$ -	\$	-	\$ 8,415,522,499
	 				<del></del>	

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 June 30, 2019, there were derivative transfers between Level 2 and Level 1 for options and futures are priced using quoted marks. The Company does not have any financial instruments that were carried at NAV as a practical expedient.

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

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

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

	Balance as of	Transf	ers	1)	Gains (Losses) in	Gains (Losses) in							Balance as of
	01/01/2019	In		Out	Net Income	Surplus	Purchases	ls	suances	Sales	S	Settlements	6/30/2019
Financial assets:													
Bonds:													
Industrial and miscellaneous	\$ 63,859,896	\$ 30,164,898	\$	-	\$ (19,189,475)	\$ 607,705	\$ 9,236	\$	581,581	\$ -	\$	(2,828)	\$ 76,031,013
Parent, subsidiaries													
and affiliates	65,576,875	-		(65,576,875)	-	-	-		-	-		-	-
Preferred stock	287,758	10,000,000		-	-	131,226	-		-	-		-	10,418,984
Common stock - subsidiaries													
and affiliates	164,920,846	-		-	824,411	(44,222,222)	-		-	-		(4,399,794)	117,123,241
Common stock - unaffiliated	305,537,860	-		(596)	11,348,943	(22,444,473)	3,596,124		-	(60,172,286)		(1,493,019)	236,372,553
Derivatives:													
Separate account assets	550,652,512	-		-	16,984,258	-	779,171,833		-	(354,660,807)		(89,567)	992,058,229
	•	•		•		•							
Total financial assets	\$ 1,150,835,747	\$ 40,164,898	\$	(65,577,471)	\$ 9,968,137	\$ (65,927,764)	\$ 782,777,193	\$	581,581	\$ (414,833,093)	\$	(5,985,208)	\$ 1,432,004,020

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

		Balance as of 01/01/2018		Trans In	fers <sup>(</sup>	Out		Gains Losses) in let Income		Gains (Losses) in Surplus		Purchases		Issuances		Sales	,	Settlements		Balance as of 12/31/2018
Financial assets:																				
Bonds:																				
Industrial and miscellaneous	\$	55,266,237	\$	26,264,839	\$	-	\$	(4,286,686)	\$	(5,094,597)	\$	28,095	\$	1,149,829	\$	-	\$	(9,467,821)	\$	63,859,896
Parent, subsidiaries, and affiliates		60,662,659		4,823,319		-		4,095,453		(7,905,019)		9,443,000		-		-		(5,542,537)		65,576,875
Preferred Stock		1,510,480		-		(1,510,480)		-		(258,495)		-		546,253		-		-		287,758
Common stock - subsidiaries																				
and affiliates		109,665,674		13,222,371		-		493,096		19,959,607		15,219,962		6,360,136		-		-		164,920,846
Common stock - unaffiliated		310,576,050		8		-		5,907,774		13,633,102		16,475,759		2,685,166		(133,809)		(43,606,190)		305,537,860
Derivatives:																				
Currency swaps		1,255,252		-		(1,255,252)		-		-		-		-		-		-		-
Separate account assets		709,516,352				-		7,025,543		-		112,288,189		-		(277,950,548)		(227,024)		550,652,512
Total financial assets	\$	1,248,452,704	\$	44,310,537	\$	(2,765,732)	\$	13,235,180	\$	20,334,598	\$	153,455,005	\$	10,741,384	\$	(278,084,357)	\$	(58,843,572)	\$	1,150,835,747
Financial liabilities:																				
Derivatives:																				
Interest rate swaps	\$	193.806	\$	_	\$	(193,806)	\$	_	s	_	s	_	\$	_	\$	-	\$	_	\$	_
Currency swaps	Ψ	8,432,028	Ψ	-	Ψ	(8,432,028)	Ÿ	_	¥	-	Ψ	_	Ψ	-	Ψ	-	Ψ	-	Ψ	-
Sariono, smaps		5,702,020				(0, 102,020)														
Total financial liabilities	\$	8,625,834	\$		\$	(8,625,834)	\$	-	\$		\$	-	\$	_	\$	-	\$	-	\$	<u>-</u>

<sup>(\*)</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. The common stock unaffiliated assets were transferred from Level 2 to Level 3 due to a change in the observability of pricing inputs.

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

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

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

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

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

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

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

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

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

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

			June 30	, 2019			
_	A = = = = = t =	A des ithe d		,		Net Asset	Not Practicable
	Aggregate	Admitted				Value	(Carrying
<u> </u>	Fair Value	Assets	Level 1	Level 2	Level 3	(NAV)	Value)
Financial assets:							
Bonds:	5 070 070 740	5 445 050 050				•	•
U. S. government and agencies \$	5,678,278,749 \$	5,115,856,958	\$ - \$	5,677,881,305		\$ -	\$ -
All other governments	1,793,793,405	1,663,418,960	-	1,724,389,506	69,403,899	-	-
States, territories and possessions	616,191,562	561,461,877	-	616,191,562	-	-	-
Political subdivisions	598,361,420	544,892,549	-	598,361,420	-	-	-
Special revenue	6,716,597,275	5,921,984,155	-	6,706,758,161	9,839,114	-	-
Industrial and miscellaneous	85,150,343,448	80,850,240,876	10,058,792	48,938,309,877	36,201,974,779	-	-
Parent, subsidiaries and affiliates	6,707,099,306	6,571,635,638	-	322,471,688	6,384,627,618	-	-
Preferred stocks	768,783,205	746,026,422	11,323,983	-	757,459,222	-	-
Common stocks - subsidiaries							
and affiliates <sup>(1)</sup>	1,989,539,968	1,989,539,968	156,539,801	-	1,833,000,167	-	-
Common stocks - unaffiliated	1,219,248,071	1,219,248,071	982,875,518	-	236,372,553	-	-
Mortgage loans - commercial	23,885,727,016	22,760,450,618	-	-	23,885,727,016	-	-
Mortgage loans - residential	1,492,013,893	1,513,206,320	-	-	1,492,013,893	-	-
Cash, cash equivalents and							
short-term investments	2,502,020,579	2,502,020,579	112,095,660	2,389,924,919	-	-	-
Derivatives:							
Interest rate swaps	11,115,460,798	9,979,485,296	-	11,115,460,798	-	-	=
Options	732,957,869	732,957,869	-	732,957,869	-	-	=
Currency swaps	1,061,053,513	1,061,053,513	-	1,061,053,513	-	-	=
Forward contracts	74,867,860	74,867,860	-	74,867,860	-	-	-
Credit default swaps	24,638,472	17,943,358	-	24,638,472	-	-	-
Financial futures	179,994,733	179,994,733	=	179,994,733	=	-	-
Separate account assets	69,295,199,064	69,295,199,064	46,462,106,416	21,841,034,419	992,058,229	-	=
Financial liabilities:							
Repurchase agreements	4,544,326,376	4,544,326,376	=	4,544,326,376	=	-	-
Commercial paper	249,749,431	249,749,431	=	249,749,431	=	-	-
Guaranteed interest contracts	9,261,271,543	9,115,327,605	=	=	9,261,271,543	-	-
Group annuity contracts and							
other deposits	17,907,009,317	17,824,176,931	-	-	17,907,009,317	-	=
Individual annuity contracts	9,482,600,407	8,251,593,663	=	=	9,482,600,407	-	-
Supplementary contracts	1,172,943,243	1,171,853,499	=	=	1,172,943,243	-	-
Derivatives:							
Interest rate swaps	8,744,935,822	8,124,268,074	-	8,744,935,822	-	-	_
Options	2,623,529	2,623,529	-	2,623,529	-	-	-
Currency swaps	224,608,847	224,608,847	-	224,608,847	-	-	_
Forward contracts	36,502,180	36,502,180	-	36,502,180	-	-	_
Credit default swaps	635,633	854,500	-	635,633	-	-	_
Financial futures	27,105,407	27,105,407	-	27,105,407	-	-	_

<sup>(1)</sup> Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had a statutory carrying value of \$13,895,764,782.

_			December	31, 2018			
						Net	Not
						Asset	Practicable
	Aggregate	Admitted	1 1 4	1 1 0	1 10	Value	(Carrying
— Financial assets:	Fair Value	Assets	Level 1	Level 2	Level 3	(NAV)	Value)
Bonds:							
U. S. government and agencies \$	6,193,428,890 \$	5,854,233,662 \$	- \$	6,192,947,715 \$	481,174	\$ -	\$ -
All other governments	1,480,982,279	1,486,656,995	<u>-</u>	1,414,689,011	66,293,268	-	· -
States, territories and possessions	646,576,736	613,530,541	-	646,576,736	-	-	-
Political subdivisions	571,557,366	547,158,039	_	571,557,366	-	-	-
Special revenue	6,420,868,430	5,927,223,715	-	6,411,389,089	9,479,341	-	=
Industrial and miscellaneous	74,537,526,494	75,125,303,136	10,043,280	42,694,321,928	31,833,161,285	-	-
Parent, subsidiaries and affiliates	7,570,106,836	7,526,017,122	-	1,171,337,829	6,398,769,007	-	-
Preferred stocks	733,775,843	744,092,065	11,668,660	-	722,107,184	=	<u>=</u>
Common stock - subsidiaries							
and affiliates <sup>(1)</sup>	397,991,651	397,991,651	233,070,805	-	164,920,846	-	-
Common stock - unaffiliated	499,993,428	499,993,428	194,455,569	-	305,537,860	-	-
Mortgage loans - commercial	22,793,945,324	22,357,118,876	-	-	22,793,945,324	-	-
Mortgage loans - residential	1,210,675,405	1,266,688,652	-	-	1,210,675,405	-	=
Cash, cash equivalents and							
short-term investments	4,318,003,746	4,318,003,746	175,136,350	4,142,867,396	-	-	-
Derivatives:							
Interest rate swaps	6,858,304,938	6,629,062,841	-	6,858,304,938	-	-	-
Options	910,876,374	910,876,374	-	910,876,374	-	-	-
Currency swaps	843,350,847	843,350,847	-	843,350,847	-	-	-
Forward contracts	113,066,759	106,021,420	-	113,066,759	-	-	-
Credit default swaps	6,238,219	18,044,346	-	6,238,219	-	-	-
Financial futures	215,810,517	215,810,517	-	215,810,517	-	-	-
Separate account assets	64,478,100,587	64,478,100,587	41,358,963,394	22,568,484,678	550,652,512	-	-
Financial liabilities:							
Repurchase agreements	4,768,493,900	4,768,493,900	-	4,768,493,900	-	-	-
Commercial paper	249,786,188	249,786,188	-	249,786,188	-	-	=
Guaranteed investment contracts	8,728,933,859	8,824,880,908	-	-	8,728,933,859	-	=
Group annuity contracts							
and other deposits	17,950,757,186	17,863,326,686	-	-	17,950,757,186	-	=
Individual annuity contracts	8,925,311,575	8,130,925,014	-	=	8,925,311,575	=	-
Supplementary contracts	1,179,488,114	1,178,326,789	-	=	1,179,488,114	=	-
Derivatives:							
Interest rate swaps	5,111,389,729	4,646,939,586	-	5,111,389,729	-	-	=
Options	4,556,715	4,556,715	-	4,556,715	-	-	-
Currency swaps	231,601,523	231,601,523	-	231,601,523	-	-	-
Forward contracts	27,811,672	12,189,652	-	27,811,672	-	-	-
Credit default swaps	1,957,447	1,605,508	-	1,957,447	-	-	-
Financial futures	15,090,134	15,090,134	-	15,090,134	-	=	-

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

d. As of June 30, 2019 and December 31, 2018, the Company had no investments where it was not practicable to estimate fair value.

### Note 21 - Other Items

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

#### Business risks

The Company operates in a business environment subject to various risks and uncertainties. The principal risks include insurance and underwriting risks, investment and interest rate risks, currency exchange risk and credit risk. The combined impact of these risks could have a material, adverse effect on the Company's financial statements or result in operating losses in future periods. The Company employs the use of reinsurance, portfolio diversification, asset/liability management processes and other risk management techniques to mitigate the impact of these risks. This condensed risks and uncertainties disclosure should be read in conjunction with the disclosure in the Company's 2018 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 denominated investments and medium-term notes along with its indirect international operations. The Company mitigates a portion of its currency risk through the use of cross-currency swaps and forward contracts. Cross-currency swaps are used to minimize currency risk for certain non-U.S. dollar assets and liabilities through a prespecified exchange of interest and principal. Forward contracts are used to hedge movements in exchange rates.

#### Credit and other market risks

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

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

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

#### Political Uncertainties

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

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

(3) Direct exposure through other investments.

_		June 30, 2019		Six Months Ended June 30, 2019
	Actual	Carrying	Fair	
Alt-A:	Cost	Value	Value	OTTI
a. Residential mortgage-backed securities \$	219,979,577	\$ 257,853,603	\$ 286,958,355	\$ 151,068
b. Commercial mortgage-backed securities	-	-	=	-
c. Collateralized debt obligations	=	-	=	=
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	15,096,784	17,509,617	19,232,202	12,694
f. Other assets	-	-	-	-
g. Total \$	235,076,361	\$ 275,363,220	\$ 306,190,557	\$ 163,762

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

<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.

#### Note 22 - Events Subsequent

Management of the Company has evaluated subsequent events through August 12, 2019, the date the financial statements were available to be issued to state regulators and subsequently on the Company's website. No events have occurred subsequent to the date of the Statements of Financial Position and before the date of evaluation that would require disclosure.

### Note 23 - Reinsurance - No change

### Note 24 - Retrospectively Rated Contracts and Contracts Subject to Redetermination

a – d. No change

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

### Note 25 - Change in Incurred Losses and Loss Adjustment Expenses

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

### Note 26 - Intercompany Pooling Arrangements - No change

Note 27 - Structured Settlements - No change

Note 28 - Health Care Receivables - No change

Note 29 - Participating Policies - No change

Note 30 - Premium Deficiency Reserves - No change

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

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

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

Note 34 - Separate Accounts - No change

Note 35 - Loss/Claim Adjustment Expenses - No change

<sup>(4)</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

### **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?						Yes [ X	] No [ ]	
1.2	If yes, has the report been filed with the domiciliary state?					Yes [ X	] No [ ]	
2.1	Has any change been made during the year of this statement in the reporting entity?		Yes [	] No [ X ]				
2.2	If yes, date of change:				<u>-</u>			
3.1	Is the reporting entity a member of an Insurance Holding Company S is an insurer?					Yes [ X	] No [ ]	
3.2	Have there been any substantial changes in the organizational chart	since the prior quarter end?				Yes [ X	] No [ ]	
3.3								
3.4	Is the reporting entity publicly traded or a member of a publicly traded		Yes [	] No [ X ]				
3.5	If the response to 3.4 is yes, provide the CIK (Central Index Key) coo	le issued by the SEC for the entity/group	Jp		<u>-</u>			
4.1	Has the reporting entity been a party to a merger or consolidation du If yes, complete and file the merger history data file with the NAIC fo		Yes [	] No [ X ]				
4.2	If yes, provide the name of the entity, NAIC Company Code, and state ceased to exist as a result of the merger or consolidation.	e of domicile (use two letter state abbi	reviation) for any entity	that has	3			
	1 Name of Entity	2 NAIC Company Cod	3 le State of Domicile					
	· · · · · · · · · · · · · · · · · · ·	The company cou	State of Borrione					
5.	If the reporting entity is subject to a management agreement, includi in-fact, or similar agreement, have there been any significant change If yes, attach an explanation.	ng third-party administrator(s), managi s regarding the terms of the agreemen	ng general agent(s), att nt or principals involved	torney-	Yes [	] No [	X ] N/A [ ]	
6.1	State as of what date the latest financial examination of the reporting	entity was made or is being made			<u>-</u>	12/3	31/2014	
6.2	State the as of date that the latest financial examination report becardate should be the date of the examined balance sheet and not the					12/3	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 the date).	e examination report and not the date of	of the examination (bala	ance she	eet	06/3	80/2016	
6.4 6.5	By what department or departments?  Commonwealth of Massachusetts Division of Insurance  Have all financial statement adjustments within the latest financial extatement filed with Departments?	·	n a subsequent financia	al 	Yes [	] No [	] N/A [ X ]	
6.6	Have all of the recommendations within the latest financial examinat	ion report been complied 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?					Yes [	] No [ X ]	
7.2	If yes, give full information:							
8.1	Is the company a subsidiary of a bank holding company regulated by	the Federal Reserve Board?				Yes [	] No [ X ]	
8.2	If response to 8.1 is yes, please identify the name of the bank holding	g company.						
8.3	Is the company affiliated with one or more banks, thrifts or securities	firms?				Yes [ X	] No [ ]	
8.4	If response to 8.3 is yes, please provide below the names and location regulatory services agency [i.e. the Federal Reserve Board (FRB), the Insurance Corporation (FDIC) and the Securities Exchange Commission (FDIC) and the Securities (FDIC) (FDIC	e Office of the Comptroller of the Curr	ency (OCC), the Feder	al Depo				
	1	2	3	4	5	6		
	Affiliate Name Baring International Investment Limited	Location (City, State)		occ	FDIC	SEC YES		
	Barings Global Advisers Limited	London, UK				YES		
	Barings Securities, LLC	Charlotte, NC			ļ	YES		
	MML Distributors, LLC	Enfield, CT				YES		
	MML Investment Advisers, LLC	Enfield, CT				YES		
	MML Investors Services, LLC	Springfield, MA				YES		
	MML Strategic Distributors, LLC	Springfield, MA				YES		
	MMLISI Financial Alliances, LLC	Springfield, MA				YES		
	The MassMutual Trust Company, FSB	Enfield, CT		YES	ļ	<b></b>		

## **GENERAL INTERROGATORIES**

9.1	Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing 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 reporting entity;  (c) Compliance with applicable governmental laws, rules and regulations;		Yes [ X ] No [ ]
	(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and		
0.11	(e) Accountability for adherence to the code.		
9.11	If the response to 9.1 is No, 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?		Yes [ ] No [ X ]
9.31	If the response to 9.3 is Yes, provide the nature of any waiver(s).		
	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:	\$	0
	INVESTMENT		
11.1	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or otherwise made available f		Yes [ X ] No [ ]
11.2	use by another person? (Exclude securities under securities lending agreements.)  If yes, give full and complete information relating thereto:		res [ x ] No [ ]
	Repurchase agreements, Letter stock or securities restricted as to sale - excluding FHLB Capital Stock, FHLB Capital Stock, On deposit wit states, pledged as collateral - excluding collateral pledged to an FHLB and Pledged as collateral to FHLB - including assets backing funding agreements	ı	
12.	Amount of real estate and mortgages held in other invested assets in Schedule BA:		
13.	Amount of real estate and mortgages held in short-term investments:		
14.1	Does the reporting entity have any investments in parent, subsidiaries and affiliates?		Yes [ X ] No [ ]
14.2	if yes, please complete the following.		2
	Prior Year-End		Current Quarter
	Book/Adjusted		Book/Adjusted
14 21	Bonds	-	Carrying Value \$6.451.448.491
	Preferred Stock \$		\$
	Common Stock \$ 12,013,931,427		\$15,885,304,751
	Short-Term Investments\$		\$
	Mortgage Loans on Real Estate \$		\$
14.26	All Other		\$5,880,464,131
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)		\$28,217,217,373
14.28	Total Investment in Parent included in Lines 14.21 to 14.26 above\$		\$
15.1	Has the reporting entity entered into any hedging transactions reported on Schedule DB?		Yes [ X ] No [ ]
15.2			Yes [X] No []
16.	For the reporting entity's security lending program, state the amount of the following as of the current statement date:		
	16.1 Total fair value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2.	\$	
	16.2 Total book adjusted/carrying value of reinvested collateral assets reported on Schedule DL, Parts 1 and 2	\$	
	16.3 Total payable for securities lending reported on the liability page		

### **GENERAL INTERROGATORIES**

ified bank or trust company in accordance with Section 1, III - General Examination Considerations, F.	17.1	For all agreements that comply with the requirements of the NAIC Financial Condition Examiners Handbook, complete the following:	103 [ N ]	INO [	
		Outsourcing of Critical Functions, Custodial or Safekeeping Agreements of the NAIC Financial Condition Examiners Handbook?	Yes [ X ]	No [	]
		custodial agreement with a qualified bank or trust company in accordance with Section 1, III - General Examination Considerations, F.			
naves were all steaks, bands and ather assurities, armed throughout the surrent rear hald nursurent to a		offices, vaults or safety deposit boxes, were all stocks, bonds and other securities, owned throughout the current year held pursuant to a			

1	2
Name of Custodian(s)	Custodian Address
Citibank, N.A.	333 West 34th Street, New York, NY 10001
JP Morgan Chase Bank N.A.	1 Chase Manhattan Plaza, 19th Floor, New York, NY 10005
Northern Trust	50 South LaSalle Street, Chicago, IL 60603
State Street Global Services	801 Pennsylvania Avenue, Kansas City, MO 64105

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

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

17.4 If yes, give full information relating thereto:

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

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

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

17.5098 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 17.5, does the total assets under management aggregate to more than 50% of the reporting entity's assets?

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

1	2	3	4	5
				Investment
				Management
Central Registration				Agreement
Depository Number	Name of Firm or Individual	Legal Entity Identifier (LEI)	Registered With	(IMA) Filed
168456	Apollo Aviation Group Capital Markets LLC		SEC	NO
110363	Invesco Ltd.		SEC	DS
106006	Barings LLC	R6ZXK5P01NP6HXSY1S07	SEC	DS
104517	Franklin Advisers, Inc.		SEC	NO
123711	Tortoise Capital Advisors, L.L.C.		SEC	NO
104559	PIMCO- Pacific Investment Management Company LLC		SEC	NO
107926	Earnest Partners LLC		SEC	NO
141037	KA Fund Advisors LLC		SEC	NO
162754	IFM Investors Pty Ltd		SEC	NO
185402	Ashmore Investment Management Limited	R6ZXK5P01NP6HXSY1S07	SEC	NO
162264	Jefferies Finance LLC		SEC	DS
155480	20 Gates Management, LLC		SEC	NO

18.2 If no, list exceptions:

At 6/30/2019, 107 issues for 66 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 \$1,733,578,833 or 1.44% of all assets.

- 19. By self-designating 5GI securities, the reporting entity is certifying the following elements for each self-designated 5GI security:
  - a. Documentation necessary to permit a full credit analysis of the security does not exist or an NAIC CRP credit rating for an FE or PL security is not available.
  - b. Issuer or obligor is current on all contracted interest and principal payments.
  - c. The insurer has an actual expectation of ultimate payment of all contracted interest and principal.

Has the reporting entity self-designated 5GI securities? Yes [ X ] No [ ]

- 20. By self-designating PLGI securities, the reporting entity is certifying the following elements of each self-designated PLGI security:
  - a. The security was purchased prior to January 1, 2018.
  - b. The reporting entity is holding capital commensurate with the NAIC Designation reported for the security.
  - c. The NAIC Designation was derived from the credit rating assigned by an NAIC CRP in its legal capacity as a NRSRO which is shown on a current private letter rating held by the insurer and available for examination by state insurance regulators.
  - d. The reporting entity is not permitted to share this credit rating of the PL security with the SVO.

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

## **GENERAL INTERROGATORIES**

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

Life and	Accident Health Companies/Fraternal Benefit Societies:  Report the statement value of mortgage loans at the end of this reporting period for the following categories:		1 Amount
	1.1 Long-Term Mortgages In Good Standing		Amount
	1.11 Farm Mortgages	\$	
	1.12 Residential Mortgages	\$	1,513,206,319
	1.13 Commercial Mortgages	\$	22,760,450,619
	1.14 Total Mortgages in Good Standing	\$	24,273,656,938
	1.2 Long-Term Mortgages In Good Standing with Restructured Terms		
	1.21 Total Mortgages in Good Standing with Restructured Terms.	\$	
	1.3 Long-Term Mortgage Loans Upon which Interest is Overdue more than Three Months		
	1.31 Farm Mortgages	\$	
	1.32 Residential Mortgages	\$	
	1.33 Commercial Mortgages	\$	
	1.34 Total Mortgages with Interest Overdue more than Three Months	\$	
	1.4 Long-Term Mortgage Loans in Process of Foreclosure		
	1.41 Farm Mortgages	\$	
	1.42 Residential Mortgages	\$	
	1.43 Commercial Mortgages	\$	
	1.44 Total Mortgages in Process of Foreclosure	\$	
1.5	Total Mortgage Loans (Lines 1.14 + 1.21 + 1.34 + 1.44) (Page 2, Column 3, Lines 3.1 + 3.2)	\$	24,273,656,938
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter		
	1.61 Farm Mortgages	\$	
	1.62 Residential Mortgages	\$	
	1.63 Commercial Mortgages	\$	
	1.64 Total Mortgages Foreclosed and Transferred to Real Estate	\$	
2.	Operating Percentages:		
	2.1 A&H loss percent		60.931 %
	2.2 A&H cost containment percent		1.000 %
	2.3 A&H expense percent excluding cost containment expenses		45.005 %
3.1	Do you act as a custodian for health savings accounts?		
3.2	If yes, please provide the amount of custodial funds held as of the reporting date	\$	
3.3	Do you act as an administrator for health savings accounts?		Yes [ ] No [ X ]
3.4	If yes, please provide the balance of the funds administered as of the reporting date	\$	
4.	Is the reporting entity licensed or chartered, registered, qualified, eligible or writing business in at least two states?		Yes [ X ] No [ ]
4.1	If no, does the reporting entity assume reinsurance business that covers risks residing in at least one state other than the state of		
	domicile of the reporting entity?		Yes [ ] No [ ]
5.1	al Benefit Societies Only:  In all cases where the reporting entity has assumed accident and health risks from another company, provisions should be made in this statement on account of such reinsurances for reserve equal to that which the original company would have been required to establish had it retained the risks. Has this been done?	Yes	[ ] No [ ] N/A [ ]
5.2	If no, explain:		
6.1	Does the reporting entity have outstanding assessments in the form of liens against policy benefits that have increased surplus?		Yes [ ] No [ ]
6.2	If yes, what is the date(s) of the original lien and the total outstanding balance of liens that remain in surplus?		

Dale	Outstanding Lien Amount

## **SCHEDULE S - CEDED REINSURANCE**

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3 4	5	6	7	8	9
							Effective
						Certified	Date of
NAIC				Type of		Reinsurer	Certified
Company	ID	Effective	Domiciliary	Reinsurance		Rating	Reinsurer
Code	Number	Date Name of Reinsurer	Jurisdiction	Ceded	Type of Reinsurer	(1 through 6)	Rating
66346	58-0828824	01/23/2019 Munich American Reassurance (MUV5)			Author i zed		
66346	58-0828824	01/23/2019 Munich American Reassurance (MUV6)	GA		Author i zed		
	58-0828824	01/23/2019   Munich American Reassurance (MUV7)	GA	CO/I	Author i zed		
	58-0828824	01/23/2019 Munich American Reassurance (MUV8)		CO/I	Author i zed.		
	63-0483783	12/05/2018 Partner Re (PRPK)	AR	YRT/I	Author i zed		
	13-3126819	01/01/2018 SCOR Global Life USA Reins Co (SUE9)	DE	YRT/G	Author i zed		
	13-3126819	01/23/2019 SCOR Global Life USA Reins Co (SUV5)	DE		Author i zed		
	13-3126819	01/23/2019 SCOR Global Life USA Reins Co (SUV6)	DE		Author i zed		
97071	13-3126819	01/23/2019 SCOR Global Life USA Reins Co (SUV7)	DE		Author i zed		
	13-3126819	01/23/2019 SCOR Global Life USA Reins Co (SUV8)	DE		Author i zed		
	06-0839705	01/01/2018 Swiss Re Life & Health America (SRE9)		YRT/G	Author i zed		
82627	06-0839705	01/23/2019 Swiss Re Life & Health America (SRV5)	MO		Author i zed		
82627	06-0839705	01/23/2019 Swiss Re Life & Health America (SRV6)	MO		Author i zed		
82627	06-0839705	01/23/2019 Swiss Re Life & Health America (SRV7)	MO		Authorized		
82627	06-0839705	01/23/2019 Swiss Re Life & Health America (SRV8)			Authorized		

SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS Current Year To Date - Allocated by States and Territories Direct Busi Life Contracts Accident and Health Insurance Premiums, Active Including Policy Membership Total Life Insurance Annuity Other Columns Deposit-Type and Other Fees Premiums .....19,686,393 Considerations .....25,958,861 hrough 5 ...65,517,567 Considerations ......16,406,858 Contracts ...21,234,060 States, Etc AL 2. Alaska 1.312.319 1.945.597 171 776 2.715.133 6 144 825 366 888 Arizona .66,377,168 .5, 112, 663 .10,624,923 .119,088,011 .20,877,964 .36,973,257 ΑZ ...1,208,734 ...1,567,947 ....4,234,305 4. Arkansas .11,298,064 .16,035,725 842,435 .29,384,958 5. 246.789.147 California .532.976.741 219.452.214 1.030.786.049 CA 6. 7. Colorado СО .44 , 184 , 649 50,725,209 5,250,543 .6,326,478 106,486,879 .17,258,914 Connecticut СТ .91.814.646 55.387.062 9.942.880 65.795.674 222.940.262 .24.374.252 21,831,939 .8,357,420 .902,311 .4,879,244 .35,970,914 853,591,600 DE District of Columbia 9. DC ..11.382.181 3 910 024 2 054 296 26 450 698 43.797.199 2 826 612 134,379,560 10. Florida 250,721,386 148,302,951 16,089,747 549,493,644 148,639,412 FL .76,373,949 ...3,057,352 264,641,717 ...24,067,111 11 Georgia GΑ .92,402,979 84,123,878 .11,740,911 56 602 533 12. 11,786,386 1,494,618 Hawaii .7,728,755 .22,629,116 ΗΙ 13. Idaho 14,307,452 2,394,424 753,620 4,871,315 22,326,811 6,980,449 ID 14. Illinois Ш 311.743.734 88.566.139 12.461.136 271.072.908 683.843.917 48.835.551 Indiana 51,973,703 26,538,910 4,720,963 31,577,728 31,284,653 IN 16. lowa. IΑ 21.022.459 11.907.862 1.900.061 108.040.218 142.870.600 12.284.905 17. 22,566,028 Kansas 21,359,719 .9,512,708 2,779,153 \_56,217,608 3,115,381 KS 18. Kentucky ΚY 12.917.435 19 447 125 2.511.525 29.916.742 64.792.827 17 550 947 22,676,958 19. 19.740.313 66.915.293 21.326.317 3.171.705 24.173.529 Louisiana LA 28,457,913 2,897,325 20. Maine 9,910,350 1,292,598 3,339,006 13,915,959 21. Maryland MD 61.115.673 29.363.515 13.833.858 122.682.088 226.995.134 36.902.971 22 Massachusetts 100,551,068 .277,844,485 .390,000,610 784,573,961 .38,890,888 .16, 177, 798 MΑ 23. Michigan МІ 64 739 717 76.624.921 7 363 720 125 290 055 274 018 413 42.157.508 Minnesota .28,420,842 .27, 167, 888 154,639,690 .55,798,016 .4,600,276 214,828,696 MN 25. Mississippi .34,427,961 .15,634,271 .5, 125, 284 1,811,024 56,998,540 .9,873,236 26. 58.051.114 Missouri . 34.532.590 20.756.442 .5.298.634 .118.638.780 MO .19.919.167 27. Montana .8,659,798 4,673,257 760,752 4,069,493 18,163,300 7,973,148 МТ 28. Nebraska NE 18 272 221 21 732 407 2 944 813 66 497 393 109 446 834 12 434 277 10,057,694 1,680,195 34,052,400 .8,867,594 .68, 133, 099 ΝV 30. New Hampshire NH 14 760 919 17 536 050 2.095.728 9 809 779 44 202 476 10 853 775 New Jersey 31. 203,492,616 85,450,229 19,794,513 528,514,702 .837,252,060 .58,945,464 NJ 32 New Mexico .10.343.753 15 131 941 1,220,295 527 694 27 223 683 4.318.752 NM 412,351,454 33. New York NY .600, 177, 828 246,825,763 43,414,267 1,302,769,312 134, 139, 998 34. 35. 76,069,024 North Carolina NC .80,736,964 15,269,374 .36,769,138 208,844,500 .67,994,053 North Dakota ND 7.761.725 2.793.903 313.495 3.801.242 14.670.365 6.507.850 70,681,966 .80,548,723 .8,272,049 163, 175, 343 322,678,081 54,935,251 OH 37 Oklahoma OK 40 491 316 12 193 869 .3,855,558 35 147 134 91 687 877 20,215,066 38. 16,749,286 16,602,038 2,505,901 10,710,934 46,568,159 13,434,331 Oregon OR .480,376,141 .104,491,589 39 Pennsylvania 149,685,093 103,529,108 19,394,472 207,767,468 18,178,795 40. 1,601,555 26,077,295 Rhode Island RI 9.650.554 67.162.185 8.881.301 26,467,002 41 South Carolina 38,714,437 7,566,091 8,913,256 81,660,786 32,602,030 42 South Dakota 1.543.590 SD 3.286.729 (248,427 358.797 1.030.280 4.427.379 43. 38,421,102 8,784,813 103,477,033 19,048,186 56,096,264 ΤN 44. Texas ТХ 206 310 352 148 182 210 23 802 151 111.717.940 490 012 653 162.322.149 45. Utah. 4,075,054 .17,336,338 .20,909,181 .14, 195, 095 .1,964,162 .41, 143, 492 UT 46 Vermont 5,859,540 .9,605,727 745,549 .8,872,417 25,083,233 1.119.482 47. 15,024,106 Virginia 102.517.942 98.100.478 304.630.599 VA .88.988.073 43.929.538 48 Washington 41,251,878 39,424,906 5,613,487 38,718,946 125,009,217 5,877,763 WA 49 West Virginia 691 107 36 520 757 WV 7 285 168 6 893 309 18 500 321 33 369 905 50. Wisconsi .25,816,959 27,409,758 .3,305,849 .37,714,655 .94,247,221 .4,788,352 W١ 51. Wyoming WY .3.138.860 2.371.512 280.912 (41.749 5.749.535 1 695 790

	nlana	XXX						
91.	plans  Dividends or refunds applied to purchase paid-up							
91.	additions and annuities	XXX	650,087,441	866 086			650.953.527	
92.	Dividends or refunds applied to shorten endowment							
02.	or premium paying period.	XXX						
93.	Premium or annuity considerations waived under							
	disability or other contract provisions	XXX	13,820,038		6,060,221		19,880,259	
94.	Aggregate or other amounts not allocable by State	XXX	25,457,535				25,457,535	
95.	Totals (Direct Business)	XXX	4,409,890,055	2,487,160,126	373, 169, 177	3,928,035,515	11, 198, 254, 873	2,486,752,464
96.	Plus Reinsurance Assumed	XXX	24,782,560	9,811,422		683,705,771		
97			4,434,672,615	2,496,971,548	373, 169, 177	4,611,741,286	11,916,554,626	3, 160, 877, 382
98.		XXX			44,776,443		1,449,457,175	, , , , , , , , , , , , , , , , , , ,
99.	Totals (All Business) less Reinsurance Ceded	XXX	3,929,127,967	1,597,835,464	328,392,734	4,611,741,286	10,467,097,451	3,160,877,382
	DETAILS OF WRITE-INS		.,,	, , ,	, , , , ,	, , ,	, , , , ,	., , , , .
58001.	ZZZ Other Alien	XXX	7 741 340	68,862	270 123		8,080,325	
58002.		XXX	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
58003.		XXX						
58998.	Summary of remaining write-ins for Line 58 from							
	overflow page	XXX						
58999.	Totals (Lines 58001 through 58003 plus							
	58998)(Line 58 above)	XXX	7,741,340	68,862	270, 123		8,080,325	
9401.	Reinvested Net Nonforfeiture Option Proceeds	XXX	25,457,535				25,457,535	
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		05 457 505				05 457 505	
1	94 above)	XXX	25,457,535				25,457,535	
	e Status Counts:							
	ensed or Chartered - Licensed Insurance carrier o					n-domiciled RRGs		
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 state5								

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.5, 125

.617,369

7 741 340

3,720,525,041

.33, 108, 669

2,237,598

.19,714

183.859

68 862

2,486,294,040

2 616

..10,221

.49,794

270, 123

.367, 108, 956

.9,892,708

.3,928,035,515

.414

4,523,999

.4,116

.35,060

.851,436

8 080 325

10,501,963,552

49,762,974

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755,763

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American Samoa

U.S. Virgin Islands

Northern Mariana Islands

Aggregate Other Aliens

Reporting entity contributions for employee benefits

Puerto Rico

Guam

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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	State of Domicile
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 III, LLC 06-1041383		Delaware
CML Special Situations Investor LLC None		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
MSP-SC, LLC 04-1590850		Delaware
Insurance Road LLC 04-1590850		Delaware
MassMutual Trad Private Equity LLC 04-1590850		Delaware
MassMutual Intellectual Property LLC 04-1590850		Delaware
Trad Investments I LLC None		Delaware
EM Opportunities LLC None		Delaware
MassMutual MCAM Insurance Company, Inc.		Vermont
Jefferies Finance LLC 27-0105644		Delaware
APEX Credit Partners LLC None		Delaware
JFIN GP Adviser LLC None		Delaware
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 Revolver Holdings LLC None		Delaware
JFIN Revolver Holdings II LLC 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 Revolver Fund, L.P. 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.

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
JFIN CLO 2012 Ltd.	None		Cayman Islands
JFIN CLO 2013 Ltd.	None		Cayman Islands
JFIN CLO 2014 Ltd.	None		Cayman Islands
JFIN CLO 2014-II Ltd.	None		Cayman Islands
JFIN MM CLO 2014 Ltd.*	None		Cayman Islands
JFIN CLO 2015 Ltd.*	None		Cayman Islands
Apex Credit CLO 2015-II Ltd.*	None		Cayman Islands
JFIN Revolver CLO 2015 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017-II Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017-III Ltd.	None		Cayman Islands
JFIN Revolver CLO 2018 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2019 Ltd.	None		Cayman Islands
JFIN Revolver Fund, L.P.	None		Delaware
Apex Credit CLO 2016 Ltd.	None		Cayman Islands
Apex Credit CLO 2017 Ltd.	None		Cayman Islands
Apex Credit CLO 2017-II Ltd.	None		Cayman Islands
MassMutual Mortgage Lending LLC	None		Delaware
MassMutual Retirement Services, LLC	04-1590850		Delaware
MM Copper Hill Road LLC	04-1590850		Delaware
MML Distributors LLC*	04-3356880		Massachusetts
MML Investment Advisers, LLC	None		Delaware
MML Strategic Distributors, LLC	46-3238013		Delaware
The MassMutual Trust Company, FSB	06-1563535		Connecticut
MassMutual Asset Finance LLC*	26-0073611		Delaware
MMAF Equipment Finance LLC 2013-A	90-1005837		Delaware
MMAF Equipment Finance LLC 2014-A	36-4785301		Delaware
MMAF Equipment Finance LLC 2015-A	38-3969560		Delaware
MMAF Equipment Finance LLC 2016-A	32-0489588		Delaware
MMAF Equipment Finance LLC 2017-A	35-2590691		Delaware
MMAF Equipment Finance LLC 2017-B	32-0546197		Delaware
MMAF Equipment Finance LLC 2018-A	82-5335801		Delaware
MMAF Equipment Finance LLC 2019-A	83-3722640		Delaware
MML Private Placement Investment Company I, LLC	04-1590850		Delaware
MML Private Equity Fund Investor LLC	04-1590850		Delaware
MM Private Equity Intercontinental LLC	04-1590850		Delaware
Pioneers Gate LLC	45-2738137		Delaware
MassMutual Holding LLC	04-2854319		Delaware
Fern Street LLC	37-1732913		Delaware
Haven Life Insurance Agency, LLC	46-2252944		Delaware
MassMutual Assignment Company	06-1597528		North Carolina

<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
MassMutual Capital Partners LLC	04-1590850	Delaware
MassMutual Ventures Holding LLC	None	Delaware
Crane Venture Partners LLP	None	United Kingdom
MassMutual Ventures Management LLC	None	Delaware
MassMutual Ventures SEA Management Private Limited	None	Singapore
MassMutual Ventures Southeast Asia I LLC	None	Delaware
MassMutual Ventures UK LLC	None	Delaware
MassMutual Ventures US I LLC	47-1296410	Delaware
MassMutual Ventures US II LLC	None	Delaware
MM Rothesay Holdco US LLC	04-1590850	Delaware
MML Investors Services, LLC	04-1590850	Massachusetts
MML Insurance Agency, LLC	04-1590850	Massachusetts
MMLISI Financial Alliances, LLC	41-2011634	Delaware
LifeScore Labs, 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
Barings Investment Management (Shanghai) Limited	None	Hong Kong, Special Administrative Region of China
Barings Overseas Investment Fund Management (Shanghai) Limited	None	Hong Kong, Special Administrative Region of China
Baring SICE (Taiwan) Limited	98-0457707	Taiwan ROC
Barings Japan Limited	98-0236449	Japan
Baring Asset Management (Australia) Pty Limited	98-0457456	Australia
Barings Investment Advisors (Hong Kong) Limited	None	Hong Kong, Special Administrative Region of China
Barings Australia Holding Company Pty Ltd	None	Australia
Barings Australia Pty Ltd	98-0457456	Australia
Barings Finance LLC	80-0875475	Delaware
BCF Europe Funding Limited	None	Ireland
BCF Senior Funding I LLC	None	Delaware
BCF Senior Funding I Designated Activity Company	None	Ireland
Barings Securities LLC	04-3238351	Delaware
Barings Guernsey Limited	98-0437588	Guernsey
Barings Europe Limited	None	United Kingdom
Barings Real Estate UK Holdings Limited BREAE AIFM LLP	None	Delaware
	None	United Kingdom
Barings Real Estate Advisers (Continental Europe) Limited	98-0654401	United Kingdom
Barings Real Estate Advisers Europe LLP	98-0654388 98-0654412	United Kingdom
Barings Real Estate Advisers Europe Finance LLP		United Kingdom
Barings Real Estate GmbH	98-1194368	Germany

<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	<b>State of Domicile</b>
Baring Asset Management Limited	98-0241935		United Kingdom
Barings Global Advisors Limited	98-1012393		United Kingdom
BCGSS 2 GP LLP	None		United Kingdom
Barings European Direct Lending 1 GP LLP	None		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 Sàrl	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 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 (U.K.) Limited	98-0432153		United Kingdom
Barings Multifamily Capital Holdings LLC	None		Delaware
Barings Multifamily Capital LLC	None		Michigan
Barings Multifamily Capital Corporation	None		Delaware
Barings Real Estate Advisers Inc.	04-3238351		California
Chassis Acquisition Holding LLC	81-2244465		Delaware
CRA Aircraft Holding LLC*	81-4258759		Delaware
Aland Royalty Holdings LP	None		Delaware
Intermodal Holding II LLC	46-2344300		Delaware
Milestone Acquisition Holding, LLC.	47-3055009		Delaware
Novation Companies, Inc.	None		Maryland
Red Lake Ventures, LLC	46-5460309		Delaware
Remington L & W Holdings LLC*	81-4065378		Connecticut
EIP Holdings I, LLC	None		Delaware
Tamiami Citrus, LLC	None		Delaware
Teaktree Acquisition, LLC	None		Delaware
U.S. Pharmaceuticals Holdings I, LLC	46-0687392		Delaware
U.S. Pharmaceuticals Holdings II, LLC	47-5436800		Delaware
Validus Pharmaceuticals LLC	None		Delaware
VGS Acquisition Holding, LLC	None		Delaware
Aland Royalty GP, LLC	None		Delaware

<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.

Invesco Ltd.

MassMutual International LLC

MML Management Corporation

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

		Federal Tax ID	NAIC Co Code	State of Domicile
	BAI Funds SLP, LLC	None		Delaware
	BAI GP, LLC	None		Delaware
	Barings Alternative Investments SLP, LLC	None		Delaware
	Baring Asset-Based Income Fund (US) GP, LLC	None		Delaware
	Barings Global Investment Funds (U.S.) Management LLC	04-1590850		Delaware
	Babson Global Loan Feeder Management, LLC	None		Delaware
	Barings ABIF SLP, LLC	None		Delaware
	Barings CLO Investment Partners GP, LLC	None		Delaware
	Barings Core Property Fund GP LLC	None		Delaware
	Barings Direct Lending GP Ltd.	None		Cayman Islands
	Barings Global Energy Infrastructure Advisors, LLC	None		Delaware
	Barings Global Real Assets Fund GP, LLC	None		Delaware
	Barings Multi Asset Income Fund	None		Hong Kong
	Barings North American Private Loan Fund Management, LLC	None		Delaware
	Barings/LAZ Parking Fund GP LLC	None		Delaware
	Benton Street Advisors, Inc.	98-0536233		Cayman Islands
	BRECS VII GP LLC	None		Delaware
	CCM Fund I REIT Manager LLC	None		Delaware
	CEMF I GP LLC	None		Delaware
	CHY Venture GP LLC	None		Delaware
	Cornerstone Hotel Fund GP, LLC	None		Delaware
	CREF X GP LLC	None		Delaware
	CREF VIII GP, LLC	None		Delaware
	Great Lakes III GP, LLC	04-1590850		Delaware
	Lake Jackson LLC	None		Delaware
	Loan Strategies Management LLC	04-1590850		Delaware
	Mezzco LLC	04-1590850		Delaware
	Mezzco II LLC	02-0767001		Delaware
	Mezzco III LLC	41-2280126		Delaware
	Mezzco IV LLC	80-0920285		Delaware
	Mezzco Australia II LLC	None		Delaware
	RECSA-NY GP LLC	None		Delaware
	SBNP SIA II LLC	None		Delaware
	Somerset Special Opportunities Management LLC	04-1590850		Delaware
Ltd.		None		Bermuda
utual International LLC		04-3313782		Delaware
MassMutual Solution	LLC	None		Delaware
Yunfeng Financial G	roup Limited	None		Hong Kong
Management Corporation		04-2443240		Massachusetts
	onal Holding MSC, Inc.	04-3548444		Massachusetts
MassMutual Holding		04-3341767		Massachusetts
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<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>
MML Mezzanine Investor II. LLC	04-1590850		Delaware
MML Mezzanine Investor III. LLC	04-1590850		Delaware
MassMutual External Benefits Group LLC	27-3576835		Delaware
Other Affiliates & Funds:	27 557 5555		D statute
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 Asset-Based Income Fund (US) LP	36-4868350		Delaware
Barings Emerging Markets Corporate Bond Fund	None		Ireland
Babson Capital Global Special Situation Credit Fund 2*	98-1206017		Delaware
Babson Capital Loan Strategies Fund, L.P.*	37-1506417		Delaware
Barings US High Yield Bond Fund*	None		Ireland
Babson CLO Ltd. 2012-II	None		Cayman Islands
Babson CLO Ltd. 2013-I	None		Cayman Islands
Babson CLO Ltd. 2014-I	None		Cayman Islands
Babson CLO Ltd. 2015-I	None		Cayman Islands
Babson CLO Ltd. 2015-II	None		Cayman Islands
Babson CLO Ltd. 2016-I	None		Cayman Islands
Babson CLO Ltd. 2016-II	None		Cayman Islands
Barings CLO Ltd. 2017-I	None		Cayman Islands
Barings CLO 2018-III	None		Cayman Islands
Barings CLO 2018-IV	None		Cayman Islands
Barings CLO 2019-I	None		Cayman Islands
Barings CLO 2019-II	98-1473665		Cayman Islands
Barings CLO 2019-III	None		Cayman Islands
Babson Euro CLO 2014-I BV	None		Netherlands
Babson Euro CLO 2014-II BV	None		Netherlands
Babson Euro CLO 2015-I BV	None		Netherlands
Babson Euro CLO 2016-I BV	None		Netherlands
Barings Global Em. Markets Equity Fund	82-5330194		North Carolina
Barings Global Energy Infrastructure Fund I LP	98-1332384		Cayman Islands
Barings Global Inv. Grade Strat Fund	None		Ireland
Barings Global Private Loan Fund	None		Luxembourg
Barings Global Real Assets Fund LP	82-3867745		Delaware
Barings Global Special Situations Credit Fund 3	None		Ireland
Barings Middle Market CLO 2017-I Ltd & LLC	None		Cayman Islands
Barings Middle Market CLO 2018-I	None		Cayman Islands

<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 Cod	e State of Domicile
Barings North American Private Loan Fund LP	38-4010344	Delaware
Barings RE Credit Strategies VII LP	98-1332384	Delaware
Baring International Small Cap Equity Fund	26-4142796	Delaware
Barings CLO Investment Partners LP	81-0841854	Delaware
Barings Real Estate European Value Add I SCSp*	None	United Kingdom
Braemar Energy Ventures I, L.P. *	None	Delaware
Barings European Core Property Fund SCSp	None	Luxembourg
Benchmark 2018-B2 Mortgage Trust	38-4059932	New York
Benchmark 2018-B4	None	New York
Benchmark 2018-B8	38-4096530	New York
Cornerstone High Yield Venture LP	36-4770946	Delaware
Barings/LAZ Parking Fund LP	46-5437441	Delaware
Barings Core Property Fund LP	20-5578089	Delaware
Cornerstone Real Estate Fund VIII LP	27-0547156	Delaware
Cornerstone Real Estate Fund X LP	46-5432619	Delaware
Cornerstone Permanent Mortgage Fund III LLC	35-2531693	Massachusetts
Duchess VII CLO B.V.	None	United Kingdom
E-Wise Land Venture LLC	20-3887968	Delaware
Gateway Mezzanine Partners II LP*	90-0991195	Delaware
Great Lakes III, L.P.	37-1708623	Delaware
JPMCC Commercial Mortgage Securities Trust 2017-JP7	38-4041011; 38-4041012	New York
JPMDB Commercial Mortgage Securities Trust 2017-C5	38-4032059	New York
Kazwell Realty Partners LLC	20-3887968	Delaware
KKR-MM Vector LP	82-1512591	Delaware
Marco Hotel LLC	46-4255307	Delaware
HB Naples Golf Owner LLC	45-3623262	Delaware
MM Debt Participations LLC	81-3000420	Delaware
Oakley Grove Development LLC	20-3887968	Delaware
Old Pasco Properties LLC	20-3887968	Delaware
RB Apartments LLC	82-4411267	Delaware
Reston Arboretum LLC	75-2901061	Delaware
Riva Portland LLC	30-0713071	Delaware
Rockall CLO B.V.	None	United Kingdom
Rockville Town Center LLC	54-2055778	Virginia
Somerset Special Opportunities Fund L.P.*	20-8856877	Delaware
South Pasco Properties LLC	20-3887968	Delaware
Ten Fan Pier Boulevard LLC	35-2553915	Delaware
Tower Square Capital Partners II, L.P.*	30-0336246	Delaware
Tower Square Capital Partners II-A, L.P.	32-0160190	Delaware
Tower Square Capital Partners III, L.P.	41-2280127	Delaware
Tower Square Capital Partners IIIA, L.P.	41-2280129	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.

	Federal Tax ID	NAIC Co Code	State of Domicile
Tower Square Capital Partners IV-A, L.P.	80-0920367		Delaware
Trailside MM Member LLC*	04-1590850		Delaware
Washington Gateway Two LLC*	83-1325764		Delaware
Washington Gateway Three LLC*	32-0574045		Delaware
West 46 <sup>th</sup> Street Hotel LLC	05-1590850		Delaware
Barings Affiliates & Funds:			
Barings Emerging Markets Debt Blended Total Return Fund	None		Ireland
Barings Emerging Markets Debt Short Duration Fund	None		Ireland
Barings Emerging Markets Sovereign Debt Fund	None		Ireland
Babson Capital Loan Strategies Master Fund LP	None		Cayman Islands
Barings Emerging Markets Debt Blended Total Return Fund	47-3758432		Massachusetts
Barings Global High Yield Fund	47-3790192		Massachusetts
Barings Total Return Bond Fund	47-3734770		Massachusetts
Barings U.S. High Yield Fund	47-3801860		Massachusetts
Great Lakes II LLC*	71-1018134		Delaware
Barings Real Estate Affiliates & Funds:			
Wood Creek Venture Fund LLC	04-1590850		Delaware
50 Liberty LLC*	36-4823011		Delaware
One Harbor Shore LLC*	80-0948028		Delaware
Budapester Strasse LLC	81-4382111		Delaware
Calgary Railway Holding LLC*	82-2285211		Delaware
Cornbrook PRS Holdings LLC	82-3307907		Delaware
Cornerstone California Mortgage Fund I LLC	95-4207717		California
Cornerstone California Mortgage Fund II LLC	95-4207717		California
Cornerstone California Mortgage Fund III LLC	95-4207717		California
Cornerstone Fort Pierce Development LLC*	56-2630592		Delaware
Cornerstone Permanent Mortgage Fund	45-2632610		Massachusetts
Cornerstone Permanent Mortgage Fund II	61-1750537		Massachusetts
Cornerstone Permanent Mortgage Fund III	35-2531693		Massachusetts
Cornerstone Permanent Mortgage Fund IV	61-1793735		Massachusetts
CREA Madison Member LLC	81-0890084		Delaware
CCB Montford Park LLC*	82-1563809		Delaware
Danville Riverwalk Venture, LLC	82-2783393		Delaware
Fan Pier Development LLC*	20-3347091		Delaware
Farringdon London Holdings LLC*	46-3880526		Delaware
Landmark Manchester Holdings LLC	81-5360103		Delaware
MM Island Member LLC	04-1590850		Delaware
NoHo West Venture LLC	83-0881588		Delaware
PACO France Logistics LLC	04-1590850		Delaware
PACO France Logistics 2 LLC	04-1590850		Delaware
PACO France Logistics 3 LLC	04-1590850		Delaware

<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>
	Portland 400 Sixth Manager LLC	82-3393166		Delaware
	Salomon Brothers Commercial Mortgage Trust 2001-MM	None		Delaware
	Sawgrass Village Shopping Center LLC*	27-2977720		Delaware
	Spain Avalon Holding LLC	04-1590850		Delaware
	Three PW Office Holding LLC	81-5273574		Delaware
	Twenty Two Liberty LLC*	35-2484550		Massachusetts
	UK LIW Manager LLC	45-4606547		Delaware
	UK LIW Member LLC	45-4606547		Delaware
	Unna, Dortmund Holding LLC	82-3250684		Delaware
	Via Ceresio Milan LLC	82-3281588		Delaware
	Washington Gateway Apartments Venture LLC*	45-5401109		Delaware
	Waterloo London Holdings LLC	47-1993493		Delaware
	WeHo Domain LLC*	46-3122029		Delaware
	Ygnatio Valley Funding	20-5481477		Delaware
MassMut	tual 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
MassMut	tual Select Funds:			
	MassMutual Select Diversified International Fund	14-1980900		Massachusetts
	MassMutual Select Diversified Value Fund	01-0821120		Massachusetts
	MassMutual Select Fundamental Growth Fund	04-3512593		Massachusetts
	MassMutual Select Large Cap Value Fund	04-3513019		Massachusetts
	MassMutual Select Mid-Cap Value Fund	42-1710935		Massachusetts
	MassMutual Select Small Capital Value Equity Fund	02-0769954		Massachusetts
	MassMutual Select Small Company Value Fund	04-3584140		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2005 Fund	82-3347422		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2010 Fund	82-3355639		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2015 Fund	82-3382389		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2020 Fund	82-3396442		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2025 Fund	82-3417420		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2030 Fund	82-3430358		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2035 Fund	82-3439837		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2040 Fund	82-3451779		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2045 Fund	82-3472295		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2050 Fund	82-3481715		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2055 Fund	82-3502011		Massachusetts
	MassMutual Select T. Rowe Price Retirement 2060 Fund	82-3525148		Massachusetts
	MassMutual Select T. Rowe Price Retirement Balanced Fund	82-3533944		Massachusetts

<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 In Retirement Fund	03-0532464		Massachusetts
MassMutual RetireSMART Moderate Fund	45-1618262		Massachusetts
MassMutual RetireSMART Moderate Growth Fund	45-1618046		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.

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						Exchange		Dami	ship		Management,	ship		Filing	1
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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)	*
							Massachusetts Mutual Life Insurance Company			Massachusetts Mutual Life Insurance					ĺ
0435 Ma	assachusetts Mut Life Ins Co	65935	04-1590850	3848388			(MMLIC)	MA	RE	Company	Ownership	100.000	_ MMLIC		
										Massachusetts Mutual Life Insurance					1
0435 CI	M Life Ins Co	93432	06-1041383				C.M. Life Insurance Company	CT	DS	Company	Ownership	100.000	MMLIC		1
0435M	ML Baystate Life Ins Co	70416	43-0581430				MML Bay State Life Insurance Company	CT	DS	C.M. Life Insurance Company	Ownership	100,000	MMLIC		
0000	.,		06-1041383				CML Mezzanine Investor III, LLC	DE	DS.	C.M. Life Insurance Company	Ownership	100.000	MMLIC		[
0000							CML Special Situations Investor LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		[
									*	Massachusetts Mutual Life Insurance				-	1
0000		I		İ	l		MML Special Situations Investor LLC	DE	DS	Company	Ownership	100.000	MMLIC		1
							.,		[	Massachusetts Mutual Life Insurance				.	[
0000			47-5322979				Timberland Forest Holding LLC	DE	DS	Company	Ownership	100.000	MMLIC		1
0000			47-5322979				Timberland Forest Holding LLC	DE	DS.	C.M. Life Insurance Company	Ownership.	0.000	MMLIC	-	1
0000			47-5322979				Timberland Forest Holding LLC	DE	DS	Wood Creek Capital Management LLC	Management		- MMLIC	-	
0000			41-3322919				Lyme Adirondack Forest Company, LLC	DE	DS	Timberland Forest Holding LLC	Ownership.	100.000	MMLIC		ļ
0000			20-5305426				Lyme Adirondack Forest Company, LLC	NY	DS	Timberland Forest Holding LLC	Ownership	100.000	MMLIC	-	
0000			20-3303426				Lyme Adirondack Timber Sales, Inc.	DE	DS	Timberland Forest Holding LLC	Ownership.	100.000	MMLIC	-	ļ
0000							Lyme Adirondack Timberlands II, LLC	DE	DS	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		}
										Massachusetts Mutual Life Insurance					1
0000			. 04-1590850				Berkshire Way LLC	DE	DS	Company	Ownership	100.000	. MMLIC		ļ
										Massachusetts Mutual Life Insurance					Ĭ
0000			. 04-1590850				MSP-SC, LLC	DE	DS	Company	Ownership	100.000	. MMLIC		ļ
										Massachusetts Mutual Life Insurance					1
0000							EM Opportunities LLC	DE	NI A	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance					1
0000							MassMutual MCAM Insurance Company, Inc	VT	NI A	Company	Ownership	100.000			
										Massachusetts Mutual Life Insurance					1
0000			04-1590850				Insurance Road LLC	DE	NI A	Company	Ownership	100.000	MMLIC		ļ
0000			04-1590850				MassMutual Trad Private Equity LLC	DE	NI A	Insurance Road LLC	Ownership	100.000	MMLIC		ļ
0000			04-1590850				MassMutual Intellectual Property LLC	DE	NI A	Insurance Road LLC	Ownership	100.000	MMLIC		ļ
0000							Trad Investments   LLC	DE	NI A	Insurance Road LLC	Ownership	100.000	_ MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			27-0105644			l	Jefferies Finance LLC	DE	NI A	Company	Ownership	50.000	MMLIC		1
										Massachusetts Mutual Life Insurance					1
0000							MassMutual Mortgage Lending LLC	DE	NIA	Company	Ownership	100.000	MMLIC		1
0000							Apex Credit Partners LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		[
0000							JFIN GP Adviser LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000				l	l		JFIN Revolver Fund, L.P.	DE	NI A	Jefferies Finance LLC	Ownership.	100.000	MMLIC	.	1
				1			JFIN Fund III LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000			1				JFIN Asset Management LLC	DE	NIA	Jefferies Finance LLC	Ownership.	100.000	MMLIC	·	[
0000							JEAM GP LLC	DE	NIA	JFIN Asset Management, LLC	Ownership.	100.000	MMLIC		
0000							JFAM GP LP	DE	NIA	JFIN Asset Management, LLC	Ownership.	100.000	MMLIC	-	İ
							JFAM Loan Fund. LP	DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC	-	
0000		l					JFIN Revolver Holdings LLC	DE	NIA	Jefferies Finance LLC	Ownership.	100.000	MMLIC	-	İ
0000							JFIN Revolver Holdings LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	-	
								DE	NIA				MMLIC	-	ļ
0000							JFIN Co-Issuer CorporationJFIN Europe GP. S.a.r.I.	UE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
											Ownership	100.000		-	·
.0000							Jefferies Finance Europe, SCSp	LUX	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	-	
.0000							Jefferies Finance Business Credit LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	- MMLIC	-	
0000							JFIN Business Credit Fund   LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	. MMLIC	-	
.0000							JFIN High Yield Investments LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC	-	ļ
_0000							JFIN LC Fund LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	-	
0000							JFIN Revolver Fund, L.P.	DE	NI A	Jefferies Finance LLC	Ownership	100.000	. MMLIC	-	ļ
0000							JFIN Revolver CLO Holdings LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	. MMLIC	.	ļ
0000							JFIN CLO 2007 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.Ś. 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	aroup Hamo	0000	rtannoon	TIOOD	Univ	international)	JFIN CLO 2012 Ltd	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC	(1/14)	+
0000							JFIN CLO 2013 Ltd	_ CYM	NIA	Jefferies Finance LLC	Ownership.	100.000	MMLIC		
0000		-					JFIN CLO 2014-II Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000							JFIN MM CLO 2014-11 Etd.	CYM	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
.0000		-					JFIN CLO 2015 Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership	44.000	MMLIC		
0000							JFIN CLO 2015 Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership	56.000	MMLIC		
.0000							JFIN Revolver Fund, L.P.	DE	NIA	Jefferies Finance LLC	Ownership	58.000	MMLIC		
0000							Apex Credit CLO 2015-II Ltd.	CYM	NIA	Jefferies Finance LLC	Ownership	33.000	MMLIC		
0000		-					Apex Credit CLO 2015-11 Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership	53.000	MMLIC		
							JFIN Revolver CLO 2014 Ltd.	CYM	NIA	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	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000							JFIN Revolver CLO 2017 Ltd		NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000		-					JFIN Revolver CLO 2017-11 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		1
0000							JFIN Revolver CLO 2017-111 Ltd.	CYM	NI A	Jefferies Finance LLC		100.000	MMLIC		
0000							JFIN Revolver CLO 2018 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000													MMLIC		
.0000							Apex Credit CLO 2016 Ltd.	CYM	NI A	Jefferies Finance LLC Jefferies Finance LLC	Ownership	100.000	MMLIC		
							Apex Credit CLO 2017 Ltd.	CYM	NIA	Jefferies Finance LLC		100.000	MMLIC		
							Apex Credit CLO 2017-II Ltd.	YM	NI A		Ownership	100.000	- MMLIC		
0000			04 4500050					DE	D0	Massachusetts Mutual Life Insurance		400 000	10.10		
0000			04-1590850				MassMutual Retirement Services, LLC	DE	DS	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance		400 000			
0000			04-1590850				MM Copper Hill Road LLC	DE	DS	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-3356880				MML Distributors LLC	MA	DS	Company	Ownership		MMLIC		
0000			04-3356880				MML Distributors LLC	MA	DS	MassMutual Holding LLC	Ownership	1.000	MMLIC		
										Massachusetts Mutual Life Insurance		400 000			
0000		-					MML Investment Advisers, LLC	DE	DS	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-3238013				MML Strategic Distributors, LLC	DE	DS	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			06-1563535	2881445			The MassMutual Trust Company, FSB	CT	DS	Company	Ownership	100.000	MMLIC	Y	
										Massachusetts Mutual Life Insurance					
			26-0073611				MassMutual Asset Finance LLC	DE	DS	Company	Ownership	99.600	MMLIC		
0000			26-0073611				MassMutual Asset Finance LLC	DE	DS	C.M. Life Insurance Company	Ownership	0.400	MMLIC		
			90-1005837				MMAF Equipment Finance LLC 2013-A	DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	. MMLIC		
			36-4785301				MMAF Equipment Finance LLC 2014-A	DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0002		-	38-3969560				MMAF Equipment Finance LLC 2015-A	DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		<b></b>
			32-0489588				MMAF Equipment Finance LLC 2016-A	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0004			35-2590691				MMAF Equipment Finance LLC 2017-A	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
.0005			32-0546197				MMAF Equipment Finance LLC 2017-B	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
20006			82-5335801				MMAF Equipment Finance LLC 2018-A	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		<b></b>
.0007			83-3722640				MMAF Equipment Finance LLC 2019-A	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	. MMLIC		
			1				MML Private Placement Investment Company I,			Massachusetts Mutual Life Insurance					
0000			04-1590850				LLC	. DE	DS	Company	Ownership	100.000	. MMLIC		
			1							Massachusetts Mutual Life Insurance					
0000			04-1590850				MML Private Equity Fund Investor LLC	. DE	NI A	Company	Ownership	100.000	. MMLIC		
0000			04-1590850				MML Private Equity Fund Investor LLC	. DE	NI A	Baring Asset Management Limited	Management		MMLIC		
0000			04-1590850				MM Private Equity Intercontinental LLC	. DE	NI A	MML Private Equity Fund Investor LLC	Ownership	100.000	. MMLIC		
			I							Massachusetts Mutual Life Insurance					
0000			45-2738137				Pioneers Gate LLC	DE	DS	Company	Ownership	100.000	MMLIC		
			1							Massachusetts Mutual Life Insurance					
0000			04-2854319	2392316			MassMutual Holding LLC	DE	DS	Company	Ownership	100.000	MMLIC	Y	
0000			06-1597528	l			MassMutual Assignment Company	NC	DS.	MassMutual Holding LLC	Ownership	100.000	MMLIC		1

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	•
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000			37-1732913				Fern Street LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		+
.0000			46-2252944				Haven Life Insurance Agency, LLC	DE	DS.	MassMutual Holding LLC	Ownership	100.000	MMLIC		1
.0000			04-1590850				MassMutual Capital Partners LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1000000				MassMutual Ventures Holding LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
							Crane Venture Partners LLP								
0000								GBR	DS	MassMutual Holding LLC	Ownership	33.000	MMLIC		
0000							MassMutual Ventures Management LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
							MassMutual Ventures SEA Management Private								
0000							Limited	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000							MassMutual Ventures Southeast Asia I LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000							MassMutual Ventures UK LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			47-1296410				MassMutual Ventures US   LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			l				MassMutual Ventures US II LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
.0000			04-1590850				MM Rothesay Holdco US LLC	DE	DS.	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			47-1466022				LifeScore Labs. LLC	MA	DS	MassMutual Holding LLC	Ownership.	100.000	MMLIC		1
			04-1590850				MML Investors Services, LLC	MA	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		1
			04-1590850				MML Insurance Agency, LLC	MA	DS	MML Investors Services, LLC	Ownership	100.000	MMLIC		
0000			41-2011634				MMLISI Financial Alliances, LLC	DE		MML Investors Services, LLC		100.000	MMLIC		
0000			45-4000072						DS		Ownership		MMLIC		
							MM Asset Management Holding LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000			
0000			51-0504477				Barings LLC	DE	DS	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		
							Baring Asset Management (Asia) Holdings								
0000			98-0524271				Limited	HKG	DS	Barings LLC	. Ownership	100.000	MMLIC		
							Baring International Fund Managers (Bermuda)			Baring Asset Management (Asia) Holdings					
0000			98-0457465				Limited	BMU	DS	Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings					
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		
							Barings Investment Management (Shanghai)			Dai mg noot management (nota) 21m tou					1
0000							Limited	HKG	DS	Baring Asset Management (Asia) Limited	Ownership	100.000	MMLIC		
							Barings Overseas Investment Fund Management			Dailing Asset management (Asia) Limited	Owner Sirry				
0000								LIKO	DS	Danisa Assat Managarat (Asia) Linitad	0hi	100 000	MMLIC		
0000							(Shanghai) Limited	HKG	D9	Baring Asset Management (Asia) Limited	Ownership	100.000	MML10		
										Baring Asset Management (Asia) Holdings					
0000			98-0457707				Baring SICE (Taiwan) Limited	TWN	DS	Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings					
0000			98-0236449				Barings Japan Limited	JPN	DS	Limited	Ownership	100.000	MMLIC		
		1			İ		Baring Asset Management (Australia) Pty	1	1	Baring Asset Management (Asia) Holdings					
0000			98-0457456				Limited	AUS	DS	Limited	Ownership	100.000	MMLIC		
		1			İ		Barings Investment Advisors (Hong Kong)		1	Baring Asset Management (Asia) Holdings					
0000			l		l		Limited	HKG	DS.	Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings					
0000							Barings Australia Holding Company Pty Ltd	AUS	DS	Limited	Ownership	100.000	MMLIC		
.0000			98-0457456				Barings Australia Pty Ltd	AUS	DS	Baring Australia Holding Company Pty Ltd.	Ownership	100.000	MMLIC		1
.0000			80-0457450				Barings Finance LLC	DE	DS	Baring Australia Holding Company Fty Etd.	Ownership	100.000	MMLIC		
.0000			00-00/04/0				BCF Europe Funding Limited	IRL	DS	Barings Finance LLC	Ownership.		MMLIC		1
								DE							
0000							BCF Senior Funding   LLC	UE	DS	Barings Finance LLC	Ownership	100.000	MMLIC		-
							BCF Senior Funding   Designated Activity				l	400.005			
0000							Company	IRL	DS	Barings Finance LLC	Ownership	100.000	MMLIC		
			04-3238351				Barings Securities LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			98-0437588				Barings Guernsey Limited	GGY	DS	Barings LLC	Ownership	100.000	MMLIC		
.0000							Barings Europe Limited	GBR	DS	Barings Guernsey Limited	Ownership	100.000	MMLIC		
0000							Barings Real Estate UK Holdings Limited	DE	DS	Barings Europe Limited	Ownership	100.000	MMLIC		
							BREAE AIFM LLP	GBR	DS.	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
							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			Ownership	100.000	MMLIC		-
UUUU			8874CON-06				Dailings hear estate advisers Europe LLP	DH	DS	Barings Real Estate UK Holdings Limited	ownersnip				<u></u>

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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		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)	*
							Barings Real Estate Advisers Europe Finance				L	400.000			
0000			98-0654412 98-1194368				LLP Barings Real Estate GmbH	GBR DEU	DS DS	Barings Real Estate UK Holdings Limited Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000			98-0241935				Baring Asset Management Limited	GBR	DS	MassMutual Holdings (Bermuda) Limited	Ownership	100.000	MMLIC		
0000			98-1012393				Barings Global Advisors Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							BCGSS 2 GP LLP	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Barings European Direct Lending 1 GP LLP	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000			98-0457328				Baring International Investment Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
							Baring International Investment Management					400.000			
0000			98-0457587				Holdings	GBR	DS	Baring Asset Management Limited Baring International Investment Management	Ownership	100.000	MMLIC		
0000			98-0457576				Baring Asset Management UK Holdings Limited .	GBR	DS	Holdings	Ownership.	100.000	MMLIC		
			30-0437370				Dailing Asset management of horumgs Emitted .			Baring Asset Management UK Holdings Limited	l owner sirrp	100.000	- MML10		
0000			98-0465031				Baring Asset Management GmbH	DEU	DS	Darring Acces management of horarings Emilia	Ownership	100.000	MMLIC		
							Baring International Fund Managers (Ireland)			Baring Asset Management UK Holdings Limited	1				
0000			98-0524272				Limited	IRL	DS		Ownership	100.000	MMLIC		
										Baring Asset Management UK Holdings Limited	1				
0000							Baring Asset Management Switzerland Sàrl	CHE	DS		Ownership	100.000	MMLIC		
0000			98-0497550				Daving France CAC	FRA	DS	Baring Asset Management UK Holdings Limited		100.000	MMLIC		
0000			98-0497550				Baring France SAS	FHA 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 GPC GP S.à. r.l .	_LUX	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Barings Investment Fund (LUX) GP S.à. r.l	LUX	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Almack Mezzanine GP III Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Almack Holding Partnership GP Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Almack Mezzanine Fund Limited	GBR	DS DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
			98-0432153				Barings (U.K.) Limited	GBR	DS	Barings Guernsey Limited	Ownership	100.000	MMLIC		
0000			00 0102100				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							Barings Multifamily Capital Corporation	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-3238351	3456895			Barings Real Estate Advisers Inc.	CA	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000			81-2244465				Chassis Association Helding 110	DE	NIA	Massachusetts Mutual Life Insurance	O-manahi = / mf /	30.000	MMLIC		
0000			81-2244465				Chassis Acquisition Holding LLC Chassis Acquisition Holding LLC	DE	NIA	CompanyBarings LLC	Ownership/Influence	30.000	MMLIC		
			01-2244400				onassis acquisition noturny LLC	UE	NI A	Massachusetts Mutual Life Insurance	IIII Tuellee	<del> </del>	. mmLIO		
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Company	Ownership/Influence	40.000	MMLIC		L
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Barings LLC	Influence		MMLIC		
							· ·			Massachusetts Mutual Life Insurance					
0000			83-0560183				Aland Royalty Holdings LP	DE	NI A	Company	Ownership	26.700	. MMLIC		
0000			83-0560183				Aland Royalty Holdings LP	DE	NI A	Barings LLC	Management		MMLIC		
.0000			46-2344300				Intermedal Haldings II II C	DE	NIA	Massachusetts Mutual Life Insurance	O	18.000	MMLIC	1	
0000			46-2344300				Intermodal Holdings II LLC	DE	NIA NIA	Company	Ownership	18.000	MMLIC		
0000			47-3055009				Milestone Acquisition Holding, LLC.	DE	NIA	Barings LLC	Influence	10.000	MMLIC		İ
			5550000							Massachusetts Mutual Life Insurance					
0000							Novation Companies, Inc.	MD	NIA	Company	Ownership	19.400	MMLIC		ļ
			1							Massachusetts Mutual Life Insurance				1	
0000			46-5460309				Red Lake Ventures, LLC	DE	NIA	Company	Ownership/Influence	31.500	MMLIC		
0000			46-5460309				Red Lake Ventures, LLC	DE	NI A	Barings LLC	Influence		MMLIC		ļ
0000			81-4065378				Deminster I & W Helding 110	CT	NI A	Massachusetts Mutual Life Insurance	O	60 700	IMH IC	1	
0000			81-40653/8				Remington L & W Holdings LLC	CI	NI A	Company	Ownership/Influence	66.700			

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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-	
0			ID	F11						Diversal Constant lend leve			Lillation and Company little of	_	
Group		Company		Federal	0117	(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			81-4065378				Remington L & W Holdings LLC	CT	NI A	Barings LLC	Influence	<del>-</del>	MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Tamiami Citurus, LLC	DE	NI A	Company	Ownership	15.700	MMLIC		
0000							Teaktree Acquisition, LLC	DE	NI A	MassMutual Holding LLC	Ownership/Influence	14.700	MMLIC		
0000							Teaktree Acquisition, LLC	DE	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-0687392				US Pharmaceutical Holdings I, LLC	DE	NI A	Company	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-2970495				US Pharmaceutical Holdings II, LLC	DE	NI A	Company	Ownership/Influence	42.400	MMLIC		
0000			20-2970495				US Pharmaceutical Holdings II, LLC	DE	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance				1	
0000							EIP Holdings I, LLC	DE	NI A	Company	Ownership/Influence	28.900	MMLIC		
0000							EIP Holdings I, LLC	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Validus Pharmaceuticals LLC	DE	NIA	Company	Ownership/Influence	100.000	MMLIC		
0000							VGS Acquisition Holding, LLC	DE	NIA	MassMutual Holding LLC	Ownership/Influence	33.300	MMLIC		1
0000							VGS Acquisition Holding, LLC	DE	NI A	Barings LLC	Management		MMLIC		
0000							Aland Royalty GP, LLC	DE	DS	Barings LLC	Ownership.	100.000	MMLIC		1
							BAI GP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
.0000							BAI Funds SLP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		1
0000							Barings Alternative Investments SLP. LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
.0000							Baring Asset-Based Income Fund (US) GP, LLC	DE	DS	Barings LLC	Ownership.	100.000	MMLIC		
							Barings Global Investment Funds (U.S.)	UL		Dai ings LLC	Owner sirrp				
0000			04-1590850				Management LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			. 04-1590650				Babson Global Loan Feeder Management, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings ABIF SLP. LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		-
0000							Barings CLO Investment Partners GP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Core Property Fund GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		-
0000										Barings LLC		100.000	MMLIC		-
							Barings Direct Lending GP Ltd.	CYM	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Global Energy Infrastructure	DE	D0	D : 110	0 1:	400.000	188 10		
0000							Advisors, LLC		DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Multi Asset Income Fund	HKG	DS	Barings LLC	Management		MMLIC		
0000							Barings North American Private Loan Fund	DE	D0	D : 110	0 1:	400.000	188 10		
0000							Management, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Global Real Assets Fund GP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			00 0500000				Barings/LAZ Parking Fund GP 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							BRECS VII GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							CCM Fund   REIT Manager LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							CEMF I GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
							CHY Venture GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Cornerstone Hotel Fund GP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							CREF X GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
							CREF VIII GP, LLC	DE	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		
			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							Mezzco Australia II LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC	[	
			1				RECSA-NY GP LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				SBNP SIA II LLC	DF	DS	Barings LLC	Ownership	100.000	MMLIC		1

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Name of Securities   Name of Securities   Names of Control	-			10
NAIC   Company   Name of Securities Exchange if Publicly Traded (U.S. or Parent, Subsidiaries Company   Domition   Ship	lf .			
Name of Securities	Control	.		1
Name   Corporative   Corpora	is	'	ls an	1
NAIC   Coropany   Code	-			1
Corup   Code   Company   D   Federal   If Publicly Traded   Names of   Parent, Subsidiaries   Location   Code   Namber   RSSD   Clik   International   Servest Special Opertunities Management LLD   Directly Controlled by (Name of Entity) Person)   Controlled   Code   Company   Code   Cod	Owner-	-	SCA	1
Code   Code   Code   Company   Code   Number   Federal   Code   Number   RSSD   Cilk   International   Code   Co	ship		Filing	1
Code   Group Name   Code   Number   RSSD   CIK   International   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Massachutes Ma	Provide		Re-	1
Code   Group Name   Code   Number   RSSD   CIK   International   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Opertunities Management LLD   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Operation   Cik   Cik   Secret Sporial Massachutes Ma	Percen-		quired?	1
DOCO	tage	Entity(ies)/Person(s)	(Y/N)	*
		1		
	100.000	MMLIC		
				1
	15.700	MMLIC	Y	
				1
	100.000 .	MMLIC	Y	
	100.000	MMLIC		.
D000	24.800	MMLIC		.
DOOD   D4-588444   Masselutual International Holding MSC, Inc.   MA   DS   MM   Management Corporation   Ownership.				1
D000	100.000 .	MMLIC	Y	
D000	100.000	MMLIC		.[]
Description	100.000 .	MMLIC		
Description				1
D000	100.000 .	MMLIC		
MassMutual External Benefits Group LLC				1
D000	100.000 .	MMLIC		
				1
D000	100.000 .	MMLIC		
Dec				1
	100.000 .	MMLIC		
DE NIA Company Ownership.    Massachusetts Mutual Life Insurance Company Ownership.				1
0000	100.000 _	MMLIC		
DE NIA Company Ownership O	400.000			1
.000	100.000 _	MMLIC		
Almack Mezzanine Fund   LP GBR NIA Company Ownership/Influence Onnership/Influence Onn	400.000	188 10		1
.0000	100.000 _	MMLIC		
.000 Almack Mezzanine Fund I LP	41.400	MMLIC		1
	41.400	MMLIC		
.0000 Almack Mezzanine Fund II Unleveraged LP68R NIA Company Ownership/Influence Massachusetts Mutual Life Insurance Ownership/Influence	4.000	NIMLIC		
.0000	72.900	MMLIC		1
.000 Almack Mezzanine Fund III LP GBR NIA Company Ownership/Influence .0000 Almack Mezzanine Fund III LP GBR NIA C.M. Life Insurance Company Ownership0000 Almack Mezzanine Fund III LP GBR NIA Barrings (U.K.) Limited Massachusetts Mutual Life Insurance		MINIC		
	34.200	MMLIC		1
	3.800	MMLIC		
Massachusetts Mutual Life Insurance		MMLIC		
	12.000	MMLIC		1
	1.200	MMLIC		[
0000 Barings Asset-Based Income Fund (US) LP DE NIA Barings LLC Management		MMLIC		1
Barings Emerging Markets Corporate Bond Fund Massachusetts Mutual Life Insurance				
	95.900	MMLIC		l
Barings Emerging Markets Corporate Bond Fund				1
		MMLIC		
Babson Capital Global Special Situation Massachusetts Mutual Life Insurance				1
0000	23.700	MMLIC		ļl
Babson Capital Global Special Situation				1
0000	1.500	MMLIC		
Babson Capital Global Special Situation				1
0000		MMLIC		
Massachusetts Mutual Life Insurance				1
0000	75.800	MMLIC		
0000	3.800	MMLIC		ļl
0000		MMLIC		

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											(Ownership,	is		ls an	1 .
						Name of Securities			Relation-		Board,	Owner-		SCA	1 .
						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)	*
Code	Group Name	Code	Number	NOOD	CIR	international)	Of Affiliates	tion	Littly	Massachusetts Mutual Life Insurance	Other)	lage	Littity(les)/Feison(s)	(1/14)	$\vdash$
0000							Barings US High Yield Bond Fund	IRL	NIA	Company	Ownership/Influence	44.500	MMLIC		1 .
0000							Barings US High Yield Bond Fund	IRL	NIA	Barings LLC	Management		MMLIC		
0000							Babson CLO Ltd. 2013-I	CYM	NI A	Barings LLC	Influence.		MMLIC		3
0000							Babson CLO Ltd. 2014-I	CYM	NIA	Barings LLC	Influence		MMLIC		2
0000							Babson CLO Ltd. 2015-I	CYM	NI A	Barings LLC	Influence		MMLIC		4
0000							Babson CLO Ltd. 2015-II	CYM	NIA	Barings LLC	Influence		MMLIC		5
0000							Babson CLO Ltd. 2016-I	CYM	NI A	Barings LLC	. Influence		MMLIC		
0000							Babson CLO Ltd. 2016-II	CYM	NI A	Barings LLC	Influence	<del> </del>	MMLIC		
0000							Barings CLO Ltd. 2017-I	CYM	NI A	Barings LLC	. Influence	·····	MMLIC		
0000							Barings CLO 2018-III	CYM	NIA	Barings LLC	Influence	·····	MMLIC		
0000							Barings CLO 2018-IV Barings CLO 2019-I	CYM	NIA NIA	Barings LLC	Influence	·····	MMLIC		
0000			98-1473665				Barings CLO 2019-1	CYM	NIA	Barings LLC	Influence		MMLIC		
0000			30-14/3003				Barings CLO 2019-11	CYM	NIA	Barings LLC	Influence		MMLIC		
0000							Babson Euro CLO 2014-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
0000							Babson Euro CLO 2014-II BV	NLD	NIA	Barings LLC	Influence	<del>-</del>	MMLIC		
0000							Babson Euro CLO 2015-I BV	NLD	NI A	Barings LLC	Influence		MMLIC		
0000							Babson Euro CLO 2016-I BV	NLD	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					1
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	NIA	Barings LLC	_ Management		MMLIC		
							Barings Real Estate European Value Add I SCSp			Massachusetts Mutual Life Insurance					1
0000								GBR	NI A	Company	Ownership/Influence	58.900	MMLIC		
0000							Barings Real Estate European Value Add I SCSp	opp		0 11 11 11 1		0.500	188 10		1
0000							D D I F-1-1- F Value Add I 000	GBR	NI A	C.M. Life Insurance Company	Ownership	6.500	MMLIC		
0000							Barings Real Estate European Value Add I SCSp	GBR	NIA	Barings LLC	Management		MMLIC		1
0000			82-5330194				Barings Global Em. Markets Equity Fund	NC	NIA	Barings LLC	Management	<del>-</del>	MMLIC		
			02-3330 194				Barings Global Energy Infrastructure Fund I	140	NI A	Massachusetts Mutual Life Insurance	. management		MMLIC		
0000			98-1332384				I P	CYM	NI A	Company	Ownership/Influence	95.300	MMLIC		1
							Barings Global Energy Infrastructure Fund I								
0000			98-1332384				LP	CYM	NI A	Baring Asset Management Limited	Management		MMLIC		[J
0000							Barings Global Inv. Grade Strat Fund	IRL	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					1
0000							Barings Global Private Loan Fund	LUX	NI A	Company	Ownership/Influence	12.400	MMLIC		
0000							Barings Global Private Loan Fund	LUX	NI A	Barings LLC	_ Management		MMLIC		
										Massachusetts Mutual Life Insurance		40.000			
0000			82-3867745				Barings Global Real Assets Fund LP	DE	NI A	Company	Ownership/Influence	40.900	MMLIC		
0000			82-3867745				Barings Global Real Assets Fund LP	DE	NI A	C.M. Life Insurance Company	Ownership	7.200	MMLIC		
0000			82-3867745				Barings Global Real Assets Fund LP	DE	NI A	Barings LLC	Management		MMLIC		
0000							Barings Global Special Situations Credit Fund	IRL	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	21,400	MMLIC		1
0000							Barings Global Special Situations Credit Fund	InL	NIA	Company	ownership/inituence	21.400	. MMLTC		
0000							3	IRL	NIA	Barings LLC	Management		MMLIC		
0000							Barings Middle Market CLO 2017-I Ltd & LLC	CYM	NIA	Barings LLC	Influence		MMLIC		
0000							Barings Middle Market CLO 2018-1	CYM	NIA	Barings LLC	Influence		MMLIC		
							·· •			Massachusetts Mutual Life Insurance					
0000			38-4010344				Barings North American Private Loan Fund LP	DE	NI A	Company	Ownership/Influence	47.900	MMLIC		
0000			38-4010344				Barings North American Private Loan Fund LP	DE	NI A	Baring Asset Management Limited	Management		MMLIC		[]
										Massachusetts Mutual Life Insurance					
0000			98-1332384				Barings RE Credit Strategies VII LP	DE	NI A	Company	Ownership/Influence	34.400	MMLIC		
0000			98-1332384				Barings RE Credit Strategies VII LP	DE	NIA	Baring Asset Management Limited	Management		MMLIC		

PART 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
											Type	If			
											of Control	Control			
											(Ownership,	is		Is 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.Ś. 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			26-4142796				Baring International Small Cap Equity Fund	DE	NI A	Company	Ownership/Influence	10.200	MMLIC		
0000			26-4142796				Baring International Small Cap Equity Fund	DE	NI A	Baring Asset Management Limited	Management		MMLIC	·	
0000							Danner Francis Vankansa I. I. D	DE	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	89.300	MMLIC		
0000							Braemar Energy Ventures I, L.P	DE	NIA	Company	Ownership	1.300	MMLIC		
0000							Braemar Energy Ventures I, L.P.	DE	NIA	Barings LLC	Management_	1.300	MMLIC		
0000							Barings European Core Property Fund SCSp	LUX	NI A	MassMutual Holding LLC	Ownership/Influence	13.500	MMLIC		
0000							Barings European Core Property Fund SCSp	LUX	NI A	C.M. Life Insurance Company	Ownership	0.900	MMLIC		
0000							Barings European Core Property Fund SCSp	LUX	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
0000			38-4059932				Benchmark 2018-B2 Mortgage Trust	NY	NI A	Barings LLC	Influence		MMLIC		
0000							Benchmark 2018-B4	NY	NI A	Barings LLC	Influence	·····	MMLIC		
0000			38-4096530				Benchmark 2018-B8	NY	NI A	Barings LLC	Influence		MMLIC		·
0000			36-4770946				Cornerstone High Yield Venture LP	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership/Influence	49.600	MMLIC		
			36-4770946				Cornerstone High Yield Venture LP	DE	NIA	Barings Real Estate Advisers LLC	Management	49.000	MMLIC		
0000			20-5578089				Barings Core Property Fund LP	DE	NIA	MassMutual Holding LLC	Ownership/Influence	13.300	MMLIC		
0000			20-5578089				Barings Core Property Fund LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
							, , , , , , , , , , , , , , , , , , , ,			Massachusetts Mutual Life Insurance	1				
0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NIA	Company	Ownership/Influence	24.200	MMLIC		
0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	C.M. Life Insurance Company	Ownership	2.700			
0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
0000			35-2531693				Cornerstone Permanent Mortgage Fund III LLC _	MA	NIA	Massachusetts Mutual Life Insurance	Ownership/Influence	100.000	MMLIC		
			33-233 1093				Cornerstone Permanent wortgage Fund III LLC _	MA	NIA	Company Massachusetts Mutual Life Insurance	. Owner Ship/ Initiaence	100.000	MINILIO		
0000			46-5437441				Barings/LAZ Parking Fund LP	DE	NI A	Company	Ownership/Influence	99.800	MMLIC		
0000			46-5437441				Barings/LAZ Parking Fund LP	DE	NIA	Barings Real Estate Advisers LLC	Management		MMLIC		
0000				4007502			Duchess VII CLO B.V.	GBR	NIA	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-3887968				E-Wise Land Venture LLC	DE	NI A	Company	Ownership	100.000	. MMLIC		
0000			00 0004405		0004507544			DE		Massachusetts Mutual Life Insurance		05.000	100		
0000			90-0991195		0001597511		Gateway Mezzanine Partners II LPGateway Mezzanine Partners II LP	DE	NIA	Company	Ownership/Influence	35.600 5.300	MMLIC		
0000			90-0991195		10001397511		Gateway Mezzanine Partners II LP	DE	NIA	Barings LLC	Management_	5.300	MMLIC		
			. 50 0551155				dateway wezzanine rai thers in El			Massachusetts Mutual Life Insurance	management		I MINE TO		
0000			37-1708623				Great Lakes III, L.P.	DE	NIA	Company	Ownership/Influence	41.300	MMLIC		
0000			37-1708623				Great Lakes III, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
							JPMCC Commercial Mortgage Securities Trust							1	
0000			38-4041011				2017–JP7	NY	NI A	Barings LLC	Influence	<del>-</del>	MMLIC		·
0000			00 4000000				JPMDB Commercial Mortgage Securities Trust 2017-C5	ND/	AU A	Parisasa II O	lations.		IIII 10		
0000			38-4032059				2017-60	NY	NI A	Barings LLC	Influence	·····	. MMLIC		-
.0000			20-3887968				Kazwell Realty Partners LLC	DE	NI A	Company	Ownership.	100.000	MMLIC		
0000			20-3007300				Nazwell hearty raithers LLC	UL	NI /	Massachusetts Mutual Life Insurance	Owner Sirip	100.000	LIC		
0000			82-1512591				KKR-MM Vector LP	DE	NI A	Company	Ownership/Influence	62.100	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-4255307				Marco Hotel LLC	DE	NI A	Company	Ownership	100.000	. MMLIC		
I										Massachusetts Mutual Life Insurance					
0000			45-3623262				HB Naples Golf Owner LLC	DE	NI A	Company	Ownership	100.000	MMLIC		·
0000			04 0000400				MIL Dobt Dontini ations II O	DE	AU A	Massachusetts Mutual Life Insurance	0	100.000	MMLIC		
0000			81-3000420 81-3000420				MM Debt Participations LLC	DE	NIA	CompanyBarings LLC	Ownership/Influence	100.000	MMLIC		
0000			0 1-3000420	-			wim Debt Falticipations LLC	VE	NI A	Massachusetts Mutual Life Insurance	manayement		. MINILIO		-
0000			20-3887968				Oakley Grove Development LLC	DE	NIA	Company	Ownership	100.000	MMLIC	1	
			000.000				The state of the s								

										ING COMPANT	<b>U</b> . <b>U</b> . <b>—</b>				
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											of Control	Control			
											(Ownership,	is		la an	
									D 1 "					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)	*
						,				Massachusetts Mutual Life Insurance	1 /				
0000			20-3887968				Old Pasco Properties LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			20 0001000				OTA TAGOO TTOPOTETOS ELO			Massachusetts Mutual Life Insurance	owner our p		mile 10		
0000			82-4411267				RB Apartments LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			02 1111207				TID TIPUT CHIOTES ELO			Massachusetts Mutual Life Insurance	owner our p	100.000	mile 10		
0000			75-2901061				Reston Arboretum LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			70 200 1001				TIOCOT AT BOT OCUM ELO			Massachusetts Mutual Life Insurance	owner our p		mile 10		
0000			30-0713071				Riva Portland LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000			00 07 1007 1				Rockall CLO B.V.	GBR	NIA	Barings LLC	Influence		MMLIC		
							HOCKATT OLO B.V.			Massachusetts Mutual Life Insurance	TITT TUCHOC		MINETO		
0000			54-2055778				Rockville Town Center LLC	VA	NIA	Company	Ownership	100.000	MMLIC		
			. 34-2000110				HOCKVITTE TOWN CENTER LLC	٧٨	NI //	Massachusetts Mutual Life Insurance	Owner Sirry		MINICIO		
0000			20-8856877				Somerset Special Opportunities Fund L.P	DE	NIA	Company	Ownership/Influence	59.000	MMLIC		
0000			20-8856877				Somerset Special Opportunities Fund L.P	DE	NIA	C.M. Life Insurance Company	Ownership	2.900	MMLIC		
0000			. 20-0000011				Somerset Special Opportunities Fund L.F	VE	NI A	Massachusetts Mutual Life Insurance	Owner Ship	2.900	MMLIC		
0000			20-3887968				South Pasco Properties LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000			20-300/900				South Pasco Properties LLC	VE	NI A		Owner Ship	100.000	MMLIC		
0000			35-2553915				T	DE	NIA	Massachusetts Mutual Life Insurance		100.000	MMLIC		
0000			. 35-2553915				Ten Fan Pier Boulevard LLC	UE	NI A	Company	Ownership	100.000	MML1C		
0000			00 0000040				T 0 0 11 1 D 1 11 1 D	DE		Massachusetts Mutual Life Insurance		00.400	188 10		
0000			. 30-0336246				Tower Square Capital Partners II, L.P.	DE	NI A	Company	Ownership/Influence	22.400	MMLIC		
0000			. 30-0336246				Tower Square Capital Partners II, L.P	DE	NI A	C.M. Life Insurance Company	Ownership	3.900	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 32-0160190				Tower Square Capital Partners II-A, L.P	DE	NI A	Company	Ownership/Influence	85.000	MMLIC		
0000			41-2280127				Tower Square Capital Partners III, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
0000			41-2280127				Tower Square Capital Partners III, L.P	DE	NI A	MassMutual Holding LLC	Ownership/Influence	15 . 100	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			41-2280129				Tower Square Capital Partners IIIA, L.P	DE	NI A	Company	Ownership/Influence	94.200	MMLIC		
0000			41-2280129				Tower Square Capital Partners IIIA, L.P	DE	NI A	Barings LLC	_ Management		. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			80-0920367				Tower Square Capital Partners IV-A, L.P	DE	NI A	Company	Ownership/Influence	21.300	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				Trailside MM Member LLC	DE	NI A	Company	Ownership	59.600	MMLIC		
0000			. 04-1590850				Trailside MM Member LLC	DE	NI A	C.M. Life Insurance Company	Ownership	7.400	. MMLIC		
		I		l	I				1	Massachusetts Mutual Life Insurance				1 1	
0000			83-1325764				Washington Gateway Two LLC	DE	NI A	Company	Ownership	88.300			
0000			83-1325764				Washington Gateway Two LLC	DE	NI A	C.M. Life Insurance Company	Ownership	6.700	MMLIC		ļl
										Massachusetts Mutual Life Insurance					
0000			32-0574045				Washington Gateway Three LLC	DE	NI A	Company	Ownership	83.600			l
0000			32-0574045				Washington Gateway Three LLC	DE	NI A	C.M. Life Insurance Company	Ownership	11.400	MMLIC		
										Massachusetts Mutual Life İnsurance					
0000			04-1590850				West 46th Street Hotel LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
							Barings Emerging Markets Debt Blended Total								
0000							Return Fund	IRL	NI A	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Debt Short Duration								
0000			l				Fund	IRL	NI A	Barings LLC	Management		MMLIC		l
			1				Barings Emerging Markets Sovereign Debt Fund		I	y		<b> -</b>			
0000								IRL	NI A	Barings LLC	Management		MMLIC		
							Babson Capital Loan Strategies Master Fund LP								
0000		1			1		Sasson sapital Edul ottatogrou mustof fulla El	CYM	NI A	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Debt Blended Total	· · · · · · · · · · · · · · · · ·							
0000		I	47-3758432	l	I		Return Fund	MA	NI A	Barings LLC	Management		MMLIC	1 1	
0000			47-3790192				Barings Global High Yield Fund	MA	NIA	Barings LLC	Management		MMLIC		
0000			47-3734770				Barings Total Return Bond Fund	MA	NIA	Barings LLC	Management		MMLIC		
0000			47-3734770				Barings U.S. High Yield Fund	MA	NIA	Barings LLC	Management		MMLIC		
		I	1 TOOU 100U				Dai ingo V.O. High Field Fulld	M		Dai mys LLC	_ manayement		mmL10		

PART TA - DETAIL OF INSURANCE HOLDING COMPANY								SISILIVI							
1	2	3	4	5	6	7	8	9	10	11	12 Type of Control	13 If Control	14	15	16
											(Ownership,	is		ls an	
						Name of Consulting			Deletion		Board,	-		SCA	1
						Name of Securities		D:	Relation-			Owner-			1
						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)	*
										Massachusetts Mutual Life Insurance					1
0000			71-1018134				Great Lakes II LLC	DE	NI A	Company	Ownership	11.200	MMLIC		
0000			71-1018134				Great Lakes II LLC	DE	NI A	C.M. Life Insurance Company	Ownership	1.000	. MMLIC		
0000			04 4500050				w 10 1 V 1 5 1110	DE		Massachusetts Mutual Life Insurance		40.000	188.10		1
0000			04-1590850				Wood Creek Venture Fund LLC	DE	NIA	Company	Ownership	40.000	MMLIC		
0000			36-4823011				50 Liberty LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	59.100	MMLIC		1
0000			36-4823011				50 Liberty LLC	DE	NIA	C.M. Life Insurance Company	Ownership	5.800	MMLIC		
0000			30-4023011				50 Liberty LLC	UE	NI A	Massachusetts Mutual Life Insurance	. Owner Strip	000.0	MMLIC		
0000			80-0948028	1			One Harbor Shore LLC	DE	NIA	Company	Ownership	97.000	MMLIC		
0000			80-0948028				One Harbor Shore LLC	DE	NIA	C.M. Life Insurance Company	Ownership	3.000	MMLIC		
			00 0340020				One harbor onore EEO			Massachusetts Mutual Life Insurance	Owner Sirrp				
0000			81-4382111				Budapester Strasse LLC	DE	NIA	Company	Ownership	100.000	MMLIC		1
			01 4002111				badapester otrasse LEO			Massachusetts Mutual Life Insurance	Owner arr p		mile 10		
0000			82-2285211				Calgary Railway Holding LLC	DE	NIA	Company	Ownership	90.000	MMLIC		1
0000			82-2285211				Calgary Railway Holding LLC	DE	NI A	C.M. Life Insurance Company	Ownership	10.000	MMLIC		[
										Massachusetts Mutual Life Insurance					[
0000			82-3307907				Cornbrook PRS Holdings LLC	DE	NI A	Company	Ownership	100.000	MMLIC		<u> </u>
							<b>3</b>			Massachusetts Mutual Life Insurance					
0000			95-4207717				Cornerstone California Mortgage Fund   LLC	CA	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			95-4207717				Cornerstone California Mortgage Fund II LLC _	CA	NI A	Company	Ownership	100.000	MMLIC		
							Cornerstone California Mortgage Fund III LLC			Massachusetts Mutual Life Insurance					1
0000			95-4207717					CA	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					1
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		
										Massachusetts Mutual Life Insurance					1
0000			45-2632610				Cornerstone Permanent Mortgage Fund	MA	NIA	Company	Ownership	98.700	MMLIC		
0000			45-2632610				Cornerstone Permanent Mortgage Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000			04 4750507				O	MA	NII A	Massachusetts Mutual Life Insurance	0h:	07.000	18/1/10		1
0000			61-1750537 61-1750537				Cornerstone Permanent Mortgage Fund II	MA	NIA NIA	CompanyBarings LLC	Ownership	97.800	MMLIC		
0000			61-1/5053/				Cornerstone Permanent Mortgage Fund II	MA	NI A	Massachusetts Mutual Life Insurance	Management		MMLIC		
0000			61-1793735	1			Cornerstone Permanent Mortgage Fund IV	MA	NIA	Company	Ownership.	100.000	MMLIC		
0000			81-0890084				CREA Madison Member LLC	DE	NI A	C.M. Life Insurance Company	Ownership	90.000	MMLIC		
			01 0000004				OTHER MIGHTON MICHIGAN LEG			Massachusetts Mutual Life Insurance	- Carriot Still P.				
0000			82-1563809	1			CCB Montford Park LLC	DE	NI A	Company	Ownership	94.000	MMLIC		1
0000			82-1563809				CCB Montford Park LLC	DE	NIA	C.M. Life Insurance Company	Ownership.	6.000	MMLIC		[
			02 1000000				OOD MOTETOTA FAIR EED			Massachusetts Mutual Life Insurance	omici dirip				
0000			82-2783393				Danville Riverwalk Venture, LLC	DE	NIA	Company	Ownership	100.000	MMLIC		1
										Massachusetts Mutual Life Insurance					[
0000			20-3347091				Fan Pier Development LLC	DE	NI A	Company	Ownership	60.000	MMLIC		l'
0000			20-3347091				Fan Pier Development LLC	DE	NI A	C.M. Life Insurance Company	Ownership	5.000			ļ
			1							Massachusetts Mutual Life Insurance	1				1
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	Company	Ownership	94.500	MMLIC		l
0000			46-3880526				Farringdon London Holdings LLC	DE	NI A	C.M. Life Insurance Company	Ownership	5.500	. MMLIC		
			1	1					1	Massachusetts Mutual Life Insurance					1
0000			81-5360103				Landmark Manchester Holdings LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			l	1					]	Massachusetts Mutual Life Insurance					1
0000			04-1590850				MM Island Member LLC	DE	NI A	Company	Ownership	49.000	MMLIC		
				1			L			Massachusetts Mutual Life Insurance	l	05.005			
0000			83-0881588				NoHo West Venture LLC	DE	NI A	Company	Ownership	95.000	MMLIC		<sup>!</sup>

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1	2	3	4	5	6	7	8	9	10	11	12 Type of Control	13 If Control	14	15	16
											(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)	*
										Massachusetts Mutual Life Insurance					
0000			. 04-1590850				PACO France Logistics LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			04-1590850				PACO France Logistics 2 LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
0000			. 04-1590650				PACO FIGURE LOGISTICS 2 LLC	UE	NIA	Massachusetts Mutual Life Insurance	owner strip		mmLTC		
0000			04-1590850				PACO France Logistics 3 LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 82-3393166				Portland 400 Sixth Manager LLC	DE	NI A	Company	Ownership	95.000	MMLIC		
							Salomon Brothers Commercial Mortgage Trust								
0000			-				2001-MM	DE	NI A	Barings Real Estate Advisers LLC	Influence		MMLIC		
0000			27-2977720				O Villaga Obassina Osata IIO	חר	NII A		0h:	04.000	MMLIC		
0000			. 27-2977720				Sawgrass Village Shopping Center LLC	DE	NI A NI A	Company	Ownership	84.200	MMLIC		
0000			. 21-2911120				Sawgrass viriage Shopping Center LLC		NI A	Massachusetts Mutual Life Insurance	Owner Sirrp		- MMLIC		
0000			04-1590850				Spain Avalon Holding LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			1							Massachusetts Mutual Life Insurance					
0000			81-5273574				Three PW Office Holding LLC	DE	NI A	Company	Ownership	95.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			35-2484550				Twenty Two Liberty LLC	MA	NI A	Company	Ownership	65.000	- MMLIC		
0000			. 35-2484550				Twenty Two Liberty LLC	MA	NI A	C.M. Life Insurance Company	Ownership	35.000	MMLIC		
0000			45-4606547				LIK I IW Managar II C	DE	NI A	Massachusetts Mutual Life Insurance	O-manah i -	100.000	MMLIC		
0000			40-4000047				UK LIW Manager LLC	UE	NIA	Company	Ownership	100.000	MINICIO		
0000			45-4606547				UK LIW Member LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			. 10 1000011				OK ETH MONDOT EEO			Massachusetts Mutual Life Insurance	omior dirip				
0000			82-3250684				Unna, Dortmund Holding LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			82-3281588				Via Ceresio Milan LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
			15 5404400					25		Massachusetts Mutual Life Insurance		04 500			
0000			. 45-5401109 . 45-5401109				Washington Gateway Apartments Venture LLC	DE	NI A	Company	Ownership	91.500	MMLIC		
			45-5401109				Washington Gateway Apartments Venture LLC	UE	NI A	C.M. Life Insurance Company Massachusetts Mutual Life Insurance	Ownership	4.800	MMLIC		
0000			47-1993493				Waterloo London Holdings LLC	DE	NIA	Company	Ownership.	100.000	MMLIC		
							water too Estador Horanigo EEO			Massachusetts Mutual Life Insurance					
0000			46-3122029				WeHo Domain LLC	DE	NI A	Company	Ownership	77.400	MMLIC		
0000			46-3122029	.			WeHo Domain LLC	DE	NIA	C.M. Life Insurance Company	Ownership	12.600	MMLIC		
		1								Massachusetts Mutual Life Insurance					
0000			. 20-5481477	-			Ygnatio Valley Funding	DE	NI A	Company	Ownership	90.000	MMLIC	[	
0000		1	45-3168892				MassMutual Barings Dynamic Allocation Fund	MA	NIA	Massachusetts Mutual Life Insurance	Ownership	0.000	MMLIC		
0000			45-3 108892				massmutual Barings Dynamic Allocation Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Owner Ship	טטט.ע	. MMLIC	[	
0000		1	51-0529328		0000927972	00	MassMutual Premier Main Street Fund	MA	NIA	Company	Ownership	17.700	MMLIC		
							MassMutual Premier Strategic Emerging Markets			Massachusetts Mutual Life Insurance				[	
0000			26-3229251	.	0000927972	0Q	Fund	MA	NI A	Company	Ownership	2.300	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 04-3277550	.	0000927972	00	MassMutual Premier Value Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
		1					MassMutual Select Diversified International			Massachusetts Mutual Life Insurance			l		
0000			. 14-1980900		0000916053	UQ	Fund	MA	NI A	Company	Ownership	0.000	MMLIC	[	
0000		1	. 01-0821120		0000916053	00	MassMutual Select Diversified Value Fund	MA	NIA	Massachusetts Mutual Life Insurance	Ownership	1.300	.MMLIC		
0000			01-0021120		0000910053	UV	massmutual select Diversified value Fund	MA		Company Massachusetts Mutual Life Insurance	Ownership	1.300	. mmL10	[	
0000		1	04-3512593		0000916053	00	MassMutual Select Fundamental Growth Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
							and an an an an an an an an an an an an an			Massachusetts Mutual Life Insurance			1		
0000			. 04-3513019	.	0000916053	0Q	MassMutual Select Large Cap Value Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
							· · · · · · · · · · · · · · · · · · ·								

	PARI 1A - DETAIL OF INSURANCE HOLDING COMPANY SYSTEM													
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	
0		NAIC	ID.	F	if Publicly Traded	Names of	ciliary	to	Discouth of Constant Hood Inc.	Attorney-in-Fact,	Provide	I litimo et e O e cetare libra e	Re-	
Group	Group Name	Company Code	ID Number	Federal RSSD CIK	(U.S. or International)	Parent, Subsidiaries Or Affiliates	Loca- tion	Reporting Entity	Directly Controlled by (Name of Entity/Person)	Influence, Other)	Percen-	Ultimate Controlling Entity(ies)/Person(s)	quired? (Y/N)	*
Code	Group Name	Code	Number	NOOD CIK	international)	Of Allillates	lion	Entity	Massachusetts Mutual Life Insurance	Other)	tage	Entity(les)/Ferson(s)	( T/IN)	
0000			42-1710935	0000916053	00	MassMutual Select Mid-Cap Value Fund	MA	NI A	Company	Ownership	16.800			
						MassMutual Select Small Capital Value Equity			Massachusetts Mutual Life Insurance					
0000			02-0769954		0Q	Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000			04 0504440	0000040050	00	W W 101 10 110 V 1 5 1		NII A	Massachusetts Mutual Life Insurance		40.000	144 10		
0000			04-3584140	0000916053 .	00	MassMutual Select Small Company Value Fund MassMutual Select T. Rowe Price Retirement	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	10.300			
0000			82-3347422	0000916053	00	2005 Fund	MA	NIA	Company	Ownership	7.700	MMLIC		
						MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3355639		00	2010 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000			00 000000	0000040050	00	MassMutual Select T. Rowe Price Retirement		NII A	Massachusetts Mutual Life Insurance		0.000	144 10		
0000			82-3382389	0000916053 .	00	2015 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000			82-3396442	0000916053	00	2020 Fund	MA	NIA	Company	Ownership	0.000			
						MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3417420		OQ	2025 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
						MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3430358	0000916053 .	00	2030 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000			82-3439837	0000916053	00	MassMutual Select T. Rowe Price Retirement 2035 Fund	MA	NIA	Massachusetts Mutual Life Insurance Company	Ownership	0.000	MMLIC		
			02 0100001			MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance	Olifor Strip.				
0000			82-3451779		00	2040 Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
						MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3472295	0000916053	00	2045 Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
0000			82-3481715	0000916053	00	2050 Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
			02 01011 10 111			MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3502011	0000916053	00	2055 Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
						MassMutual Select T. Rowe Price Retirement			Massachusetts Mutual Life Insurance					
0000			82-3525148	0000916053	00	2060 Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	0.000			
0000			82-3533944	0000916053	00	Balanced Fund	MA	NIA	Company	Ownership	0.000	MMLIC		
			02 00000 11						Massachusetts Mutual Life Insurance	5 min 5 m p				
0000			46-4257056			MML Series International Equity Fund	MA	NIA	Company	Ownership	0.000			
0000			47 0547000			MM Conice II Acced No. 4 5 1		ALL A	Massachusetts Mutual Life Insurance	0h:	100 000	100		
0000			47-3517233			MML Series II Asset Momentum Fund	MA	NI A	Company	Ownership	100.000	MMLIC		
0000			47-3529636			MML Series II Dynamic Bond Fund	MA	NIA	Company	Ownership	0.000			
									Massachusetts Mutual Life Insurance					
0000			47-3544629			MML Series II Equity Rotation Fund	MA	NI A	Company	Ownership	94.900	MMLIC		
0000			47 0550004			MM Coming II Commission City Aires 5		AU A	Massachusetts Mutual Life Insurance	0h:	07 100	100		
0000			47-3559064			MML Series II Special Situations Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	97 . 100			·
0000			27-1933828	0000916053		MassMutual RetireSMART 2015 Fund	MA	NI A	Company	Ownership	0.000		_ [	1
									Massachusetts Mutual Life Insurance	· · · · · · · · · · · · · · · · · · ·				[
0000			27-1933389	0000916053 .	00	MassMutual RetireSMART 2035 Fund	MA	NI A	Company	Ownership	5.200	MMLIC		
0000			07 1000700	0000040050	00	Near-Material Debies OMADT COAS 5		ALL A	Massachusetts Mutual Life Insurance	0h:	10.000	100		
0000			27-1932769	0000916053 .	UU	MassMutual RetireSMART 2045 Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	12.800			
0000			46-3289207	0000916053	00	MassMutual RetireSMART 2055 Fund	MA	NI A	Company	Ownership	16.700			
									Massachusetts Mutual Life Insurance					
0000			47-5326235		00	MassMutual RetireSMART 2060 Fund	MA	NI A	Company	Ownership	71.600	MMLIC		
0000			4E 40404EE	0000040050	00	Near-Material Debies CMADT Comments 5		AU A	Massachusetts Mutual Life Insurance	0h:	0.000	100		
0000			45-1618155	0000916053 .	UU	MassMutual RetireSMART Conservative Fund	MA	NI A	Company	Ownership	0.000	MMLIC		.1

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		Company	ID	Federal		(U.Ś. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	7
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			45-1618222		0000916053	0Q	MassMutual RetireSMART Growth Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			03-0532464		0000916053		MassMutual RetireSMART In Retirement Fund	MA	NI A	Company	Ownership	1.200	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-1618262		0000916053	0Q	MassMutual RetireSMART Moderate Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-1618046		0000916053	00	MassMutual RetireSMART Moderate Growth Fund	MA	NI A	Company	Ownership	0.000	MMLIC		
						1									

Asterisk	Explanation
1	Massachusetts Mutual Life Insurance Company owns 4.01% of the affiliated debt of Jefferies Finance LLC
2	Debt investors own .6% and includes only Great Lakes III, L.P.
3	Debt investors own 9.6% and includes only Babson Capital Loan Strategies Fund, L.P.
4	Debt investors own .5% and includes only Great Lakes III, L.P.
5	Debt investors own .2% and includes only Great Lakes III, L.P.

#### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

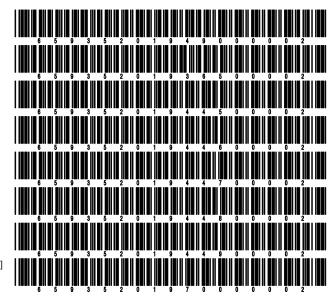
The following supplemental reports are required to be filed as part of your statement filing. However, in the event that your company does not transact the type of business for which the special report must be filed, your response of NO to the specific interrogatory will be accepted in lieu of filing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

		Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5.	Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
8.	Will the Life PBR Statement of Exemption be filed with the state of domicile by July 1st and electronically with the NAIC with the second quarterly filing per the Valuation Manual (by August 15)? (2nd Quarter Only) The response for 1st and 3rd quarters should be N/A. A NO response resulting with a bar code is only appropriate in the 2nd quarter.	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
- 8. Not required

#### Bar Code:

- 1. Trusteed Surplus Statement [Document Identifier 490]
- 2. Medicare Part D Coverage Supplement [Document Identifier 365]
- 3. 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]
- 8. Life PBR Statement of Exemption (2nd Quarter Only) [Document Identifier 700]



#### **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.	Cash advances to agents	224,342,476	224,270,097	72,379	
2505.	Fully refundable deposits, prepayments and miscellaneous assets	139,742,773	140,647,376	(904,603)	22,091,419
2506.	Pension plan asset	684,757,496	684,757,496		
2507.	Disallowed interest mantenance reserve	240,400,492	240,400,492		
2508.	Intangible assets	85,075,298	85,075,298		
2509.	Commissions and expenses on long-term lease	58,845,012	58,845,012		
2510.	Bills receivable	403,322	403,322		
2597.	Summary of remaining write-ins for Line 25 from overflow page	1,433,566,869	1,434,399,093	(832,224)	22,091,419

Additional Write-ins for Liabilities Line 25

	idi TTTILO IIIO TOI ElabilitiCO EliTO EO		
		1	2
		Current	December 31
		Statement Date	Prior Year
2504.	Funds awaiting escheat and other miscellaneous	87,216,297	78,826,501
2505.	Deferred income liability	14,782,959	15, 151, 127
2597.	Summary of remaining write-ins for Line 25 from overflow page	101.999.256	93.977.628

Additional Write-ins for Summary of Operations Line 8.3

	1	2	3
	Current Year	Prior Year	Prior Year Ended
	To Date	To Date	December 31
08.304. Revenue sharing	34,604,884	63,651,994	118,220,703
08.305. Miscellaneous income	17,093,952	5, 121, 247	15,704,499
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	51,698,836	68,773,241	133,925,202

Additional Write-ins for Summary of Operations Line 27

/ taaitioi	at 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.	Ceded income on funds withheld	102,433,965	98,670,404	200,347,847
2705.	Change in liability for employee/agent benefit plans	47,363,315	10,783,480	(8,510,950)
2706.	Miscellanous charges to operations	16,018,049	13,963,750	15,536,263
2797.	Summary of remaining write-ins for Line 27 from overflow page	165,815,329	123,417,634	207, 373, 160

#### **SCHEDULE A - VERIFICATION**

Real Estate

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	488,306,553	857,001,296
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition		57,671,139
	2.2 Additional investment made after acquisition	46,890,285	152,570,868
3.	Current year change in encumbrances	(3,118,031)	(386,999,179)
4.	Total gain (loss) on disposals	20,433,718	170, 141, 914
5.	Deduct amounts received on disposals	55,530,458	275,807,610
6.	Total foreign exchange change in book/adjusted carrying value		
7.	Deduct current year's other than temporary impairment recognized	40,793,428	2,208,173
8.	Deduct current year's depreciation	45,879,698	84,063,702
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)	410,308,941	488,306,553

#### **SCHEDULE B - VERIFICATION**

Mortgage Loans

	* *	1	2
		Year to Date	Prior Year Ended December 31
1.	Book value/recorded investment excluding accrued interest, December 31 of prior year	23,623,807,529	22,579,846,619
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	1,820,574,289	3,229,830,662
	2.2 Additional investment made after acquisition	231,988,606	468,570,683
3.	Capitalized deferred interest and other	22,867,630	39,017,050
4.	Accrual of discount	1,797,119	4,764,878
5.	Unrealized valuation increase (decrease)		
6.	Total gain (loss) on disposals	1,361,260	(1,214,062)
7.	Deduct amounts received on disposals	1,423,240,045	2,574,815,338
8.	Deduct amortization of premium and mortgage interest points and commitment fees	(5,935,716)	(2,704,349)
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest	(11,435,165)	(124,897,312)
10.	Deduct current year's other than temporary impairment recognized		
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	24,273,656,939	23,623,807,529
12.	Total valuation allowance		
13.	Subtotal (Line 11 plus Line 12)	24,273,656,939	23,623,807,529
14.	Deduct total nonadmitted amounts		
15.	Statement value at end of current period (Line 13 minus Line 14)	24,273,656,939	23,623,807,529

#### **SCHEDULE BA - VERIFICATION**

Other Long-Term Invested Assets

	-	1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	8,643,322,029	7,722,717,021
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	147,008,898	1,841,133,266
	2.2 Additional investment made after acquisition	491,768,254	2,020,426,390
3.	Capitalized deferred interest and other		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease)	338,091,723	652,916,795
6.	Total gain (loss) on disposals	4,808,423	5,542,359
7.	Deduct amounts received on disposals	707,465,237	3,509,181,095
8.	Deduct amortization of premium and depreciation	338,744	567,724
9.	Total foreign exchange change in book/adjusted carrying value	16,890,417	(60,633,528)
10.	Deduct current year's other than temporary impairment recognized	12,998,367	29,031,457
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	8,921,087,396	8,643,322,029
12.	Deduct total nonadmitted amounts	30,721,841	43,866,156
13.	Statement value at end of current period (Line 11 minus Line 12)	8,890,365,555	8,599,455,873

#### **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	110,650,590,353	106,837,837,246
2.	Cost of bonds and stocks acquired		
3.	Accrual of discount	130 , 193 , 786	277,958,552
4.	Unrealized valuation increase (decrease)	3,673,301,457	1,440,127,883
5.	Total gain (loss) on disposals	46,469,664	72,777,254
6.	Deduct consideration for bonds and stocks disposed of	11,477,388,000	24,859,504,095
7.	Deduct amortization of premium	71,299,639	134,973,241
8.	Total foreign exchange change in book/adjusted carrying value	(44,726,865)	(573,657,471)
9.	Deduct current year's other than temporary impairment recognized	67,037,789	1,392,111,397
10.	Total investment income recognized as a result of prepayment penalties and/or acceleration fees		
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9+10)	119,080,070,257	110,650,590,353
12.	Deduct total nonadmitted amounts		
13.	Statement value at end of current period (Line 11 minus Line 12)	119,080,070,257	110,650,590,353

#### **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

	1	2	3	4	5	6	7	8
	Book/Adjusted Carrying Value Beginning	Acquisitions During	Dispositions During	Non-Trading Activity During	Book/Adjusted Carrying Value End of	Book/Adjusted Carrying Value End of	Book/Adjusted Carrying Value End of	Book/Adjusted Carrying Value December 31
NAIC Designation	of Current Quarter	Current Quarter	Current Quarter	Current Quarter	First Quarter	Second Quarter	Third Quarter	Prior Year
BONDS								
1. NAIC 1 (a)	54,836,066,772	7,380,953,368	5,823,193,621	(2,645,524,012)	54,836,066,772	53,748,302,507		54,426,947,350
2. NAIC 2 (a)	39,707,523,629	15,866,963,463	16,365,644,155	(88,476,719)	39,707,523,629	39,120,366,218		39,721,923,702
3. NAIC 3 (a)	2,792,333,508	772,004,598	932,346,084	7,070,514	2,792,333,508	2,639,062,536		2,851,626,812
4. NAIC 4 (a)	1,897,127,773	1,219,387,532	155,395,655	2,602,324,596	1,897,127,773	5,563,444,246		2,004,562,945
5. NAIC 5 (a)	1,509,117,188	24,281,447	72,523,697	61,772,246	1,509,117,188	1,522,647,184		1,496,376,273
6. NAIC 6 (a)	408,052,066	1,599,749	4,568,199	70,872,013	408,052,066	475,955,629		350,616,700
7. Total Bonds	101,150,220,936	25,265,190,157	23,353,671,411	8,038,638	101,150,220,936	103,069,778,320		100,852,053,782
PREFERRED STOCK								
8. NAIC 1	443,850,000				443,850,000	443,850,000		443,850,000
9. NAIC 2	127,805,688			(2,622,400)	127,805,688	125, 183, 288		125,632,088
10. NAIC 3	141,021,927				141,021,927	141,021,927		140,943,708
11. NAIC 4	669,179				669,179	669,179		669,179
12. NAIC 5	23,053,631			161,971	23,053,631	23,215,602		16,697,090
13. NAIC 6	11,399,453	740,857		(53,884)	11,399,453	12,086,426		16,300,001
14. Total Preferred Stock	747,799,878	740,857		(2,514,313)	747,799,878	746,026,422		744,092,066
15. Total Bonds and Preferred Stock	101,898,020,814	25,265,931,014	23,353,671,411	5,524,325	101,898,020,814	103,815,804,742		101,596,145,848

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

#### **SCHEDULE DA - PART 1**

Short-Term Investments

	1 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	893,368,663	XXX	890,437,211	382,111	358

#### **SCHEDULE DA - VERIFICATION**

Short-Term Investments

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	447 , 734 , 452	508,320,258
2.	Cost of short-term investments acquired	1,574,709,094	2,219,939,077
3.	Accrual of discount	9,307,571	9,958,973
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	70,052	89,026
6.	Deduct consideration received on disposals	1, 138, 452, 507	2,290,572,883
7.	Deduct amortization of premium		
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	893,368,663	447,734,452
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	893,368,663	447,734,452

#### **SCHEDULE DB - PART A - VERIFICATION**

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 9, prior year)	3,628,605,132
2.	Cost Paid/(Consideration Received) on additions	174,501,842
3.	Unrealized Valuation increase/(decrease)	(95,915,096)
4.	Total gain (loss) on termination recognized	100,875,453
5.	Considerations received/(paid) on terminations	329,522,533
6.	Amortization	(1,094,033)
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)	3,477,450,765
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	3,477,450,765

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

Futures Contracts

1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)			
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - C	umulative Cash Cha	inge 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	152,889,326		
	3.14 Section 1, Column 18, prior year	200,720,383	(47,831,057)(47,831,057)	
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	152,889,326		
	3.24 Section 1, Column 19, prior year	200,720,383	(47,831,057)(47,831,057)	
3.3	Subtotal (Line 3.1 minus Line 3.2)			
4.1	Cumulative variation margin on terminated contracts during the year		265 , 858 , 790	
4.2	Less:			
	4.21 Amount used to adjust basis of hedged item			
	4.22 Amount recognized	65,138,407	65 , 138 , 407	
4.3	Subtotal (Line 4.1 minus Line 4.2)			200,720,383
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			
6.	Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)			(200,720,383)
7.	Deduct total nonadmitted amounts			
8.	Statement value at end of current period (Line 6 minus Line 7)			(200,720,383)

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

1					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
Replication (Synthetic Asset) Transactions								Components of the Replication (Synthetic Asset) Transactions							
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
Hamber	Evergreen Basket of Long Fixed Rate	Description	Airiount	Value	Tall Value	Date	Date	Description	Value	i ali value	00011	Kingsland Ltd-SERIES 18-8A CLASS A	Description	value	i ali value
57629*AA957629*AA9	Corp Inv Grade Equiv Bonds	2	50,000,000	13,095,487	16,472,173	10/01/2012	10/01/2042	Interest Rate Swap		3,444,144	42086P-AC-7 320808-AD-0	FIRST MARYLAND CAP I-LIMITED	1	13,095,487	13,028,029
5/629^AA9	Evergreen Basket of Long Fixed Rate	2		11,512,278	11,914,045	10/01/2012	10/01/2042	Interest Hate Swap			320808-AD-0	Goldentree Loan Management US Clo 2	2	11,512,278	11,914,045
57629*AA9	Corp Inv Grade Equiv Bonds	2		17,957,792		10/01/2012	10/01/2042	Interest Rate Swap			38136M-AC-2	LtdBLUEMOUNTAIN CLO XXIII L-BLUEM	1	17,957,792	18,022,519
57629*AA9	Corp Inv Grade Equiv Bonds			10,000,000		10/01/2012	10/01/2042	Interest Rate Swap			09629L-AE-5	2018-23A B Anchorage Capital CLO Lt-ANCHC	1	10,000,000	9,933,170
57629*AA957629*AB7	Corp Inv Grade Equiv Bonds	2	50,000,000	5,000,000	4,816,175 5,871,552	10/01/2012	10/01/2042	Interest Rate Swap		2 207 041	03328Y-AG-9 77277L-A7-2	2018-1RA C ROCKALL CLO BV Variable Funding Note- USD	1	5,000,000	4,816,175 2,483,711
57629*AB757629*AB7	Evergreen Basket of Long Fixed Rate  Bank Loans B- or Above	3	50,000,000	4,283,133	4.369.353	10/01/2012	10/01/2042	Interest Rate Swap			83149E-AG-2	SLM STUDENT LN TR 2006-5-NOTE CL B	1	4,283,133	4,369,353
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		5,470,000	5,460,127	10/01/2012	10/01/2042	Interest Rate Swap			883310-AE-4	THAYER PARK CLO LTDTHAYR 2017-1A B	1	5,470,000	5,460,127
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	3		6,430,000	6,410,781	10/01/2012	10/01/2042	Interest Rate Swap			77342K-AA-8	ROCKFORD TOWER CLO 2018ROCKT 2018-2A A	1	6,430,000	6,410,781
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		8,000,000	7,863,720	10/01/2012	10/01/2042	Interest Rate Swap			09628F-AE-9	BlueMountain Fuji US Clo-SERIES 2017-3A CLASS BCanyon Capital CLO Ltd-CANYC 2012-	1	8,000,000	7,863,720
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		4,000,000	3,964,672	10/01/2012	10/01/2042	Interest Rate Swap			13876J-AE-2	1RA B	1	4,000,000	3,964,672
57629*AB7	Bank Loans B- or Above	3		15,000,000	14,758,530	10/01/2012	10/01/2042	Interest Rate Swap			88432U-AC-0	CLASS A2	1	15,000,000	14,758,530
57629*AB7	Bank Loans B- or Above Evergreen Basket of Long Fixed Rate	3		6,800,000	, ,	10/01/2012	10/01/2042	Interest Rate Swap			03762Y-AH-0	Apidos Clo XXV-APID 2016-25A A2R Carlyle US CLO 2017-5 Re Term Loan	1		6,753,610
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	264,000,000	19, 165,000	36,101,849	11/29/2012	11/29/2042	Interest Rate Swap		17,078,670	14316R-ZZ-6		1	19,165,000	19,023,179
57629*AC557629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6,357,507	6,590,138	11/29/2012	11/29/2042	Interest Rate Swap			83149F-AD-6 375415-AA-4	SLM Student Loan Trust 2006-6 GILBERT PARK CLO LTD-SERIES 17-1A CLASS A	1		6,590,138
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		13,500,000	13.091.288	11/29/2012	11/29/2042	Interest Rate Swap			14310D-AY-3	CARLYLE GLOBAL MKT STRATEGIES CLO 2013-2 LTD MEZZ SECD DEF NT	1	13,500,000	13,091,288
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		13, 100,000	12,825,673	11/29/2012	11/29/2042	Interest Rate Swap			67097Q-AC-9	OCP CLO 2017-14 Ltd-SERIES 17-14A CLASS A1B	1	13,100,000	12,825,673
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		27,761,873	28,473,922	11/29/2012	11/29/2042	Interest Rate Swap			57542Z-A0-7	MASSMUTUAL ASSET FIN LLC SR SECD	4	27,761,873	28,473,922
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1		140,613,316	140,622,737	11/29/2012	11/29/2042	Interest Rate Swap			126611-AL-6	CVP CASCADE CLO LTD-CVPC 2014-2A A1R	1	140,613,316	140,622,737
57629*AC5	BS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		6,200,000	6, 176, 924	11/29/2012	11/29/2042	Interest Rate Swap			94950G-AE-7	WELLFLEET CLO LTD-WELF 2017-1A B ALLEGRO CLO V LTD-SERIES 17-1A	1	6,200,000	6, 176, 924
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,525,000	5,458,496	11/29/2012	11/29/2042	Interest Rate Swap			01748R-AE-5	CLASS MEZ, FLT	1	5,525,000	5,458,496
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		15,000,000	14,767,260	11/29/2012	11/29/2042	Interest Rate Swap			38137M-AK-3	2016-12A AJR	1	15,000,000	14,767,260
57629*AC5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,500,000	4,366,895		11/29/2042	Interest Rate Swap			03767M-AJ-7	Apidos CLO-APID 2018-29A B CIFC Funding 2018-IV Ltd-SERIES 18-	1	4,500,000	4,366,895
57629*AC557629*AE1	ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	100.000.000	5,000,000	4,970,055	11/29/2012	11/29/2042	Interest Rate Swap		0.000.000	17181T-AA-9 67112K-AC-3	0CP CLO Ltd-SEREIS 18-15A CLASS A3	1	5,000,000	4,970,055
57629*AE157629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	ı 1	100,000,000	4,000,000	, ,	12/27/2012	12/27/2042	Interest Hate Swap		9,996,232	83609R-AE-1	SOUND POINT CLO LTD-SNDPT 2017-1A C	1	4,000,000	11,882,952
57629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		22,800,000		12/27/2012	12/27/2042	Interest Rate Swap			14315J-YY-9	Carlyle US CLO 2017-3 Ri Term Loan	1	22,800,000	22,747,560
57629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3,200,000	3,169,962	12/27/2012	12/27/2042	Interest Rate Swap			03330A-AC-6	Anchorage Capital CLO 3ANCHC 2014-3RA B	1	3,200,000	3,169,962
57629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		33,000,000	32,864,502	12/27/2012	12/27/2042	Interest Rate Swap			87271L-AJ-1	TIAA CLO I Ltd-TIA 2016-1A AR	1	33,000,000	32,864,502
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	L	8.800.000	8,665,378	12/27/2012	12/27/2042	Interest Rate Swap			14310D-AW-7	Carlyle Global Market St-SERIES 2013-2A CLASS BR	1	8.800.000	8.665.378

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

					Replication	on (Syntheti	ic Asset) Tra	nsactions Open as of Cu	ırrent Statemen						
		Replication (Syn				_					of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Open				Instrument(s) Held	T /-	
		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*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		13.903.385	16,274,120	12/27/2012	12/27/2042	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE	1	13.903.385	16.274.120
	Evergreen Basket of Long Fixed Rate	'			, ,			,				CIFC Funding 2017-IV Ltd-SERIES 17-			, ,
57629*AE1	ABS Bank Loans and Corp Bonds	1		4,965,201	4,951,840	12/27/2012	12/27/2042	Interest Rate Swap			12551J-AG-1	4A CLASS B	1	4,965,201	4,951,840
57629*AD3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1  Evergreen Basket of Long Fixed Rate	1	100,000,000	13,907,388	23,513,716	12/27/2012	12/27/2042	Interest Rate Swap		9,996,232	92977H-AG-3	WACHOVIA STUDENT LOAN TR-WSLT 2005- 1 BATRIUM CDO CORP-SERIES 9A CLASS BR	1	13,907,388	13,517,484
57629*AD3	ABS Bank Loans and Corp Bonds	1		18,990,000	18,978,587	12/27/2012	12/27/2042	Interest Rate Swap			04964K-AN-1	ATRION COO CONF-SENIES 9A CLASS BR	1	18,990,000	18,978,587
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		18,810,000	18,648,855	12/27/2012	12/27/2042	Interest Rate Swap			92912V-AQ-8	VOYA CLO LTD-VOYA 2014-2A A2AR	1	18,810,000	18,648,855
	Evergreen Basket of Long Fixed Rate											Denali Capital CLO X LLC-DEN10			
57629*AD3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		5,374,236	5,372,274	12/27/2012	12/27/2042	Interest Rate Swap			24823B-AK-6	2013-1A A1LRBabson CLO Ltd/Cayman Is-BABSN	1	5,374,236	5,372,274
57629*AD3	ABS Bank Loans and Corp Bonds 1	1		23,000,000	22,721,746	12/27/2012	12/27/2042	Interest Rate Swap			06760P-AE-1	2018-3A A2	1	23,000,000	22,721,746
57629*AD3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		9,500,000	9,408,335	12/27/2012	12/27/2042	Interest Rate Swap			55821A-AE-8	Madison Park Funding Ltd-SERIES 18- 28A CLASS B	1	9,500,000	9,408,335
E7000+400	Evergreen Basket of Long Fixed Rate	4		0.000.000	7 040 070	10 /07 /0010	10 /07 /00 10	Internal Data Con			81883A-AC-3	Shackleton 2015-VII-R CL-SERIES		0.000.000	7 040 070
57629*AD3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		8,000,000		12/27/2012	12/27/2042	Interest Rate Swap			о 1883A-AU-3	2015-7RA CLASS B CARLYLE GLOBAL MARKET ST-SERIES 15-	I	8,000,000	7,948,072
57629*AD3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		3,450,000	3,451,866	12/27/2012	12/27/2042	Interest Rate Swap			14311D-BC-9	1A CLASS BR	2	3,450,000	3,451,866
57629*AD3	ABS Bank Loans and Corp Bonds	1		4,000,000	3,953,496	12/27/2012	12/27/2042	Interest Rate Swap			28622J-AB-3	7A CLASS B	1	4,000,000	3,953,496
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	100,000,000	6,000,000	16,544,402	12/28/2012	12/28/2042	Interest Rate Swap		10,619,648	38138B-AG-5	GoldentTree Loan Managem-GLM 2018-	1	6,000,000	5,924,754
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		29,970,648	29,999,400	12/28/2012	12/28/2042	Interest Rate Swap			56608K-AA-1	Marble Point CLO XIV Ltd-MP14 2018-	1	29,970,648	29,999,400
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		10,000,000	9,993,330	12/28/2012	12/28/2042	Interest Rate Swap			87246M-AJ-1	TICP CLO VI 2016-2 Ltd-SERIES 2016- 6A CLASS BR	1	10,000,000	9,993,330
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7,000,000	6,993,014	12/28/2012	12/28/2042	Interest Rate Swap			55818X-BA-0	MADISON PARK FUNDING LTD-SERIES 2015-16A CLASS BR	1	7,000,000	6,993,014
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		11,050,000	10,983,811	12/28/2012	12/28/2042	Interest Rate Swap			88432M-AC-8	WIND RIVER CLO LTD-WINDR 2017-1A B	1	11,050,000	10,983,811
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		23,000,000	22,987,465	12/28/2012	12/28/2042	Interest Rate Swap			22615M-AL-6	Crestline Denali CLO XIV-SERIES16-	1	23,000,000	22,987,465
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8,000,000	7,885,336	12/28/2012	12/28/2042	Interest Rate Swap			89852T-AN-8	Tryon Park CLO Ltd-TPCLO 2013-1A A1JR	1	8,000,000	7,885,336
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		3,000,000	2,962,038	12/28/2012	12/28/2042	Interest Rate Swap			87248K-AS-3	TICP CLO VI 2016-5 LTD-TICP 2016-5A A2R	1	3,000,000	2,962,038
57629*AF8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		1,000,000	990,303	12/28/2012	12/28/2042	Interest Rate Swap			94950J-AA-9	Wellfleet CLO Ltd-SERIES 18-1A CLASS A	1	1,000,000	990,303
E7000+4E0	Evergreen Basket of Long Fixed Rate	4		4 000 000	0.007.400	10 /00 /0010	10 /00 /00 /0	Internal Data Cons			404071 45 0	HPS LOAN MANAGEMENT 13-2-HLM 13A-18		4 000 000	0.007.400
57629*AF8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		4,000,000	3,987,428	12/28/2012	12/28/2042	Interest Rate Swap			40437L-AE-2	AZ	1	4,000,000	3,987,428
57629*AF8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		5,060,000	4,895,079	12/28/2012	12/28/2042	Interest Rate Swap			92917A-AE-6	Voya CLO Ltd-SERIES 18-1A CLASS B . Wellfleet CLO Ltd-SERIES 18-1A	1	5,060,000	4,895,079
57629*AH4	ABS Bank Loans and Corp Bonds 1	1	100,000,000	59,000,000	69,047,525	12/28/2012	12/28/2042	Interest Rate Swap		10,619,648	94950J-AA-9	CLASS A	1	59,000,000	58,427,877
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		14,200,000	14,200,639	12/28/2012	12/28/2042	Interest Rate Swap			06759F-AB-2	BABSON CLO LTD 2015-II-SERIES 15-2A CLASS AR	1	14,200,000	14,200,639
57629*AH4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		20,000,000	19,739,640	12/28/2012	12/28/2042	Interest Rate Swap			04017T-AE-9	Ares XXXIR CLO Ltd-SERIES 14-31RA CLASS B	1	20,000,000	19,739,640
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12,700,000	12,677,153	12/28/2012	12/28/2042	Interest Rate Swap			55818Y-BE-0	MADISON PARK FUNDING LTD-SERIES 15- 17A CLASS B1R	1	12,700,000	12,677,153
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4,200,000	4,053,298	12/28/2012	12/28/2042	Interest Rate Swap			12551R-AE-8	CIFC Funding 2018-I Ltd-SERIES 18- 1A CLASS C	1	4,200,000	4,053,298
57629*AH4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		1,100,000	1,089,336	12/28/2012	12/28/2042	Interest Rate Swap			08179M-AC-3	Benefit Street Partners -BSP 2018- 15A A2A	1	1,100,000	1,089,336
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	100,000,000	20,000,000	30.315.928	12/28/2012	12/28/2042	Interest Rate Swap		10 610 649	09628N-AQ-5	BlueMountain CLO 2015-4 -SERIES 15- 4A CLASS A2R	1	20,000,000	19,696,280
	Evergreen Basket of Long Fixed Rate		100,000,000	, ,	,,,,,			·		10,019,048		SOUND POINT CLO IX LTD-SERIES 2015-			
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		8,000,000	7,991,968	12/28/2012	12/28/2042	Interest Rate Swap			83609G-AN-5	2A CLASS B1RGOLDMAN SACHS GROUP INC-SENIOR	I	8,000,000	7,991,968
57629*AG6	ABS Bank Loans and Corp Bonds	1		3.818.930	3.856.229	12/28/2012	12/28/2042	Interest Rate Swap			38141G-VW-1	UNSECURED	1	3.818.930	3.856.229

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

		Replication (Syn	nthetic Asset) Tr	ansactions	neplication	on (Synthet	ic Asset) Tra	nsactions Open as of C I	Juneni Statemen		of the Reni	ication (Synthetic Asset) Trans	sactions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper		C. LIIC LIEDI		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*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12.265.166	12.185.977	12/28/2012	12/28/2042	Interest Rate Swap			63939F-AC-4	Navient Student Loan Tru-SERIES 15- 1 CLASS B	1		12, 185, 977
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SLMA 2013-3			
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	-	8,913,000	8,905,345	12/28/2012	12/28/2042	Interest Rate Swap			78447Y-AD-4	. <b>B</b>	1		8,905,345
57629*AG6	ABS Bank Loans and Corp Bonds 1	1		5,000,000	4,902,235	12/28/2012	12/28/2042	Interest Rate Swap			12550G-AE-3	CIFC Funding Ltd-CIFC 2018-5A B	1	5,000,000	4,902,235
F70004400	Evergreen Basket of Long Fixed Rate			0.000.000	0.074.070	40 (00 (0040	40 (00 (00 40				FF000T 40 0	MADISON PARK FUNDING LTD-SERIES		0.000.000	0.074.070
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	-	8,900,000	8,874,279	12/28/2012	12/28/2042	Interest Rate Swap			55820T-AC-2	2017-23A CLASS B	1		8,874,279
57629*AG6	ABS Bank Loans and Corp Bonds 1	1			8,595,358	12/28/2012	12/28/2042	Interest Rate Swap			33882G-AC-2	FLATIRON CLO LTD-FLAT 2017-1A C	1		8,595,358
57629*AG6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		1.000.000	003 /10	12/28/2012	12/28/2042	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1	1.000.000	993,419
37029 AUU	Evergreen Basket of Long Fixed Rate	·				12/20/2012	12/20/2042				40230N-DN-3	BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A	'	,1,000,000	
57629*AG6	ABS Bank Loans and Corp Bonds	1	-	4,250,000	4,256,707	12/28/2012	12/28/2042	Interest Rate Swap			09626U-AQ-1	BRSIM STUDENT LOAN TRUST-SERIES 2013-	1	4,250,000	4,256,707
57629*AG6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		15,800,561	16,071,786	12/28/2012	12/28/2042	Interest Rate Swap			78447M-AD-0	SLM STUDENT LOAN THUST-SERIES 2013-	1	15,800,561	16,071,786
	Evergreen Basket of Long Fixed Rate										750000 :- 5	Regatta XIV Funding Ltd-SERIES 18-			
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		4,250,000	4,249,885	12/28/2012	12/28/2042	Interest Rate Swap			75888M-AG-5	. 3A CLASS B	1	4,250,000	4,249,885
57629*AJ0	ABS Bank Loans and Corp Bonds 1	1	50,000,000	9,550,000	14,806,277	12/28/2012	12/28/2042	Interest Rate Swap		5,309,824	04965F-AG-6	Atrium XV-SERIES 15A CLASS B	1	9,550,000	9,496,453
57629*AJ0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			10.000.000	9.993.150	12/28/2012	12/28/2042	Interest Rate Swap			55819B-AL-4	MADISON PARK FUNDING XVI-SERIES 15- 18A CLASS A1R	4	10,000,000	9,993,150
5/029^AJU	Evergreen Basket of Long Fixed Rate	l			9,993,100	12/28/2012	12/28/2042	Interest Hate Swap			338 ISB-AL-4	NAVIENT STUDENT LOAN TRU-SERIES 17-			9,993,150
57629*AJ0	ABS Bank Loans and Corp Bonds 1	1		9,557,589	9,781,459	12/28/2012	12/28/2042	Interest Rate Swap			63940A-AD-0	4A CLASS B	1	9,557,589	9,781,459
57629*AJ0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		9.200.000	9.199.991	12/28/2012	12/28/2042	Interest Rate Swap			03328W-AN-8	Anchorage Capital CLO 9 -SERIES 16- 9A CLASS CR	1	9.200.000	9, 199, 991
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,							DRYDEN SENIOR LOAN FUND-SERIES	·	,	
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1			7,503,840	12/28/2012	12/28/2042	Interest Rate Swap			26245C-AE-3	. 2016-43A CLASS B Benefit Street Partners -BSP 2018-	1		7,503,840
57629*AJ0	ABS Bank Loans and Corp Bonds 1	1		1,100,000	1,089,336	12/28/2012	12/28/2042	Interest Rate Swap			08179M-AC-3	15A A2A	1	1,100,000	1,089,336
57000±1 In	Evergreen Basket of Long Fixed Rate			0.500.000	0 477 000	10 (00 (00 10	10 (00 (00 10				40070   45 0	Canyon Capital CLO Ltd-CANYC 2012-	_	0.500.000	
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		2,500,000	2,477,920	12/28/2012	12/28/2042	Interest Rate Swap			13876J-AE-2	. IRA B	l	2,500,000	2,477,920
57629*AJ0	ABS Bank Loans and Corp Bonds 1	1		6,400,000	6,349,050	12/28/2012	12/28/2042	Interest Rate Swap			77342K-AC-4	Rockford Tower CLO 2018-2 Ltd	1	6,400,000	6,349,050
57629*AK7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50.000.000	10.000.000	15. 190. 614	12/28/2012	12/28/2042	Interest Rate Swap		5 300 824	24380L-AE-3	DEER CREEK CLO LTD 2017SERIES 17- 1A CLASS B	1	10,000,000	
	Evergreen Basket of Long Fixed Rate			, ,								ASSURANT CLO III LTD-SERIES 2018-2A	'		
57629*AK7	ABS Bank Loans and Corp Bonds	1		30,000,000	29,872,710	12/28/2012	12/28/2042	Interest Rate Swap			04624W-AC-1	CLASS A	1	30,000,000	29,872,710
57629*AK7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		13.570.000	13.438.534	12/28/2012	12/28/2042	Interest Rate Swap			48249V-AQ-4	KKR FINANCIAL CLO LTD-SERIES 13-1A CLASS A2R	1	13,570,000	13,438,534
	Evergreen Basket of Long Fixed Rate			,								BENEFIT STREET PARTNERS -SERIES			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		4,850,000	4,814,774	12/28/2012	12/28/2042	Interest Rate Swap			08179H-AB-6	. 2017-12A CLASS A2	1	4,850,000	4,814,774
57629*AL5	ABS Bank Loans and Corp Bonds 1	1	50,000,000	10,000,000	15,295,294	12/28/2012	12/28/2042	Interest Rate Swap		5,309,824	87232A-AE-4	TFLAT 2018-1A B	1	10,000,000	9,985,470
57629*AL5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		10,412,644	10,405,790	12/28/2012	12/28/2042	Interest Rate Swap			78442G-PL-4	SLM STUDENT LOAN TRUST-SERIES 2005- 4 CLASS B	1	10,412,644	10,405,790
3/029"AL3	Evergreen Basket of Long Fixed Rate	·			10,400,790	12/20/2012		miterest nate swap				BOWMAN PARK CLO LTD-BOWPK 2014-1A	'		10,400,790
57629*AL5	ABS Bank Loans and Corp Bonds	1		8,920,000		12/28/2012	12/28/2042	Interest Rate Swap			10302V-BC-8	B1R	1		8,919,938
57629*AL5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		6.850.000	6.854.446	12/28/2012	12/28/2042	Interest Rate Swap			674000-AQ-7	OAKTREE CLO LTD-SERIES 14-1A CLASS A2R	1	6.850.000	6,854,446
	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	1	-	6,840,000	6,801,983	12/28/2012	12/28/2042	Interest Rate Swap			88433R-AE-2	CLASS B	1	6,840,000	6,801,983
57629*AL5	BBS Bank Loans and Corp Bonds	1		5,000,000	4,970,765	12/28/2012	12/28/2042	Interest Rate Swap			50188Y-AB-0 _	LCM LTD PARTNERSHIP-LCM 24A B	1	5,000,000	4,970,765
57000±11.5	Evergreen Basket of Long Fixed Rate						40 (00 (00 10				004701/ 10 5	Benefit Street Partners -BSP 2018-	],	4 400 0==	
57629*AL5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		1,100,000	1,089,336	12/28/2012	12/28/2042	Interest Rate Swap			08179M-AC-3	. 15A A2A	l	1, 100,000	1,089,336
57629*AL5	ABS Bank Loans and Corp Bonds 1	1		4,600,000	4,469,144	12/28/2012	12/28/2042	Interest Rate Swap			05875H-AE-3	2018-1A CLASS B	1	4,600,000	4,469,144
57629*AM3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50.000.000	5.400.000	10 677 000	12/28/2012	12/28/2042	Interest Rate Swap		F 200 024	12548J-AE-2	CIFC FUNDING LTD-SERIES 17-3A CLASS	1		5,368,059
31029"AMO	Evergreen Basket of Long Fixed Rate	I		,	10,077,883	12/20/2012	12/20/2042	miterest nate swap				ALM XIV Ltd-SERIES 14-14A CLASS	1		
57629*AM3	ABS Bank Loans and Corp Bonds 1	1		11,900,000	11,717,109	12/28/2012	12/28/2042	Interest Rate Swap			74988L-AC-8	A2R2	1	11,900,000	11,717,109

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

		Replication (Syn	thetic Asset) Tra	ansactions	rieplication	on (Oynthet	ic Asset) Tra	nsactions Open as of Cu I	ineni Statemen		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative Ir	nstrument(s) Oper		or the riepi		Instrument(s) Held		
	_	· ·			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	Ů	Book/Adjusted Carrying Value		CUSIP		NAIC Designation or Other Description	Book/Adjusted Carrying	
Number		Description	Amount	value	raii value	Date	Date	Description	value	Fair Value	CUSIP	Description Elmwood CLO II Ltd-ELMW2 2019-2A C	Description	Value	Fair Value
57629*AM3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1		4,650,000	4,661,639	12/28/2012	12/28/2042	Interest Rate Swap			29001L-AG-6	LCM LTD PARTNERSHIP-SERIES 13A	1	4,650,000	4,661,639
57629*AM3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,500,000	4,500,252	12/28/2012	12/28/2042	Interest Rate Swap			50184K-AW-8	CLASS CR BENEFIT STREET PARTNERS -BSP 2016-	1	4,500,000	4,500,252
57629*AM3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,000,000	, ,	12/28/2012	12/28/2042	Interest Rate Swap			08181L-AA-5	10A A1Benefit Street Partners -SERIES 16-	1	5,000,000	5,000,130
57629*AM3	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,200,000	, ,	12/28/2012	12/28/2042	Interest Rate Swap			08181B-AS-8	9A CLASS BR Wellfleet CLO 2018-3 Ltd-SERIES 18-	1	11,200,000	11,076,072
57629*AM357629*AN1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	50.000.000	20,000,000		12/28/2012	12/28/2042	Interest Rate Swap		4 054 004	94951D-AC-7 36248M-AJ-6	3A CLASS A1B	1	8,000,000	
57629*AN1	ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50,000,000	20,932,568		12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	36248M-AJ-6 14315J-MM-8	Carlyle US CLO 2013-2 Re Term Loan	1	20,932,568	19,896,780
57629*AN1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7,550,000	, , ,	12/31/2012	12/31/2042	Interest Rate Swap			74982L-AS-9	RACE POINT CLO LTD-SERIES 13-8A CLASS CR	1	7,550,000	7,504,972
57629*AN1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		5,850,000	5,746,537	12/31/2012	12/31/2042	Interest Rate Swap			64131Q-AC-4	NEUBERGER BERMAN LOAN AD-SERIES 2017-26A CLASS B	1		5,746,537
57629*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50,000,000	9,900,000	14,491,387	12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	67707C-AE-8	Oak Hill Credit Partners-OAKC 2014- 10RA A2A	1	9,900,000	9,836,996
57629*AP6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		25,000,000	24,685,775	12/31/2012	12/31/2042	Interest Rate Swap			67104L-AF-4	OHA Loan Funding 2013-2 -OHALF 2013-2A BR	1	25,000,000	24,685,775
57629*AP6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1		13,850,000	13,732,815	12/31/2012	12/31/2042	Interest Rate Swap			38137P-AU-4	Goldentree Loan Opportun-SERIES 2015-10A CLASS BR Waters Corporation Gtd Senior Note	1	13,850,000	13,732,815
57629*AP6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,000,000	2,000,000	12/31/2012	12/31/2042	Interest Rate Swap			941848-D0-9	Series HALM XIV Ltd-SERIES 14-14A CLASS BR2	2	2,000,000	2,000,000
57629*AP6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		3,800,000	3,644,835	12/31/2012	12/31/2042	Interest Rate Swap			74988L-AJ-3	MADISON PARK FUNDING LTD-SERIES	1	3,800,000	3,644,835
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	50,000,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,	12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	55820J-AC-4	2016-21A CLASS A2	1		14,302,831
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		15,000,000		12/31/2012	12/31/2042	Interest Rate Swap			48250W-AJ-4	KKR CLO 14 Ltd-KKR 14 BRTICP CLO VI 2016-5 LTD-TICP 2016-5A	1	15,000,000	14,947,560
57629*AQ457629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4,350,000	4,936,730 4,353,062	12/31/2012	12/31/2042	Interest Rate Swap			87248K-AS-3 020053-AS-3	ALM LOAN FUNDING-SERIES 13-8A CLASS	1	4,350,000	4,353,062
57629*AQ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		1.022.097	, , , , ,	12/31/2012	12/31/2042	Interest Rate Swap			63939F-AC-4	Navient Student Loan Tru-SERIES 15- 1 CLASS B	1	1.022.097	1,015,498
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		7,800,000	7,799,984	12/31/2012	12/31/2042	Interest Rate Swap			05875J-AB-5	Ballyrock CLO 2019-1 Ltd-BALLY 2019-1A A2	1	7,800,000	7,799,984
57629*AQ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4,000,000	3,953,496	12/31/2012	12/31/2042	Interest Rate Swap			28622J-AB-3	ARROWMARK COLORADO HOLDI-SERIES 17- 7A CLASS B	1	4,000,000	3,953,496
57629*AR2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50,000,000	8,800,000	13,345,077	12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	38137P-AS-9	Goldentree Loan Opportun-SERIES 2015-10A CLASS AJR	1	8,800,000	8,690,686
57629*AR2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	1			7,377,600	12/31/2012	12/31/2042	Interest Rate Swap			92916M-AC-5	VOYA CLO LTD-VOYA 2017-1A B Madison Park Funding Ltd-MDPK 2019-	1		
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,450,000	5,449,733	12/31/2012	12/31/2042	Interest Rate Swap			55819M-AE-6	35A B	1	5,450,000	5,449,733
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,500,000		12/31/2012	12/31/2042	Interest Rate Swap			55819T-AU-5	2016-20A CLASS CR Anchorage Capital CLO Lt-ANCHC	1	7,500,000	7,297,800
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		13,900,000		12/31/2012	12/31/2042	Interest Rate Swap			03328Y-AE-4	2018-1RA B Nelnet Student Loan Trus-NSLT 2019-	1	13,900,000	13,602,429
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	F0 000	7,457,038		12/31/2012	12/31/2042	Interest Rate Swap		4 054 051	64034C-AB-5	JFIN CLO 2013 LTD SR SECD DEF NT CL	1	7,457,038	7,450,696
57629*AS057629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50,000,000	9,997,251 8,000,000	14,559,321 7,826,544	12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	46616K-AE-4 83608G-AQ-9	B	1	9,997,251	9,904,930 7,826,544
57629*AS0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1			, ,	12/31/2012	12/31/2042	Interest Hate Swap			05682V-AC-9	Bain Capital Credit CLO -SERIES 18- 2A CLASS A2	1		1, 826, 544
57629*AS057629*AS0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		10,000,000		12/31/2012	12/31/2042	Interest Rate Swap			501880-AE-1	LCM XIX LTD PARTNERSHIP DEF MEZZ NT	1	10,000,000	10,006,910

# SCHEDULE DB - PART C - SECTION 1 Replication (Synthetic Asset) Transactions Open as of Current Statement Date

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra			_					of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		Instrument(s) Open				Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	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											AIMCO CLO Series 2018-B-SERIES 18-			
57629*AS0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		8,300,000	8,270,826	12/31/2012	12/31/2042	Interest Rate Swap			00900P-AE-5	BA CLASS B	1	8,300,000	
57629*AS0	ABS Bank Loans and Corp Bonds 1	l		1,100,000	1,089,336	12/31/2012	12/31/2042	Interest Rate Swap			08179M-AC-3	15A A2A	1	1,100,000	1,089,336
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l	50,000,000	10,000,000	14,535,351	12/31/2012	12/31/2042	Interest Rate Swap		4,654,391	87248W-AC-2	TICP CLO VIII LTD-SERIES 2017-8A	1	10,000,000	9,880,960
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	I		3,430,000	3,430,415	12/31/2012	12/31/2042	Interest Rate Swap			674000-AS-3	OAKTREE CLO LTD-SERIES 14-1A CLASS BR	1	3,430,000	3,430,415
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		5,900,000	5,870,229	12/31/2012	12/31/2042	Interest Rate Swap			48251F-AB-7	KKR FINANCIAL CLO LTD-SERIES 17 CLASS B	1	5,900,000	5,870,229
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		12,000,000	11,805,768	12/31/2012	12/31/2042	Interest Rate Swap			92917J-AE-7	Voya CLO 2018-2 Ltd-VOYA 2018-2A B1	1	12,000,000	11,805,768
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		22,650,000	22,532,220	12/31/2012	12/31/2042	Interest Rate Swap			14315C-ZZ-0	Carlyle US CLO 2017-4 Ri Term Loan	1	22,650,000	22,532,220
57629*AW1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		55,000,000	7,400,000	13,488,585	04/09/2013	04/09/2043	Interest Rate Swap		6,089,081	55954H-AE-2	Magnetite CLO Ltd-SERIES 19-22A CLASS B	1	7,400,000	7,399,504
57629*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		,	5,600,000	5,579,683	04/09/2013	04/09/2043	Interest Rate Swap		, ,,	12550Y-AG-9	CIFC FUNDING LTD-CIFC 2017-2A C	1	5,600,000	5,579,683
57629*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			4,280,000		04/09/2013	04/09/2043	Interest Rate Swap			09629C-AE-5	BLUEMOUNTAIN CLO LTD-SERIES 17-1A	1	4,280,000	4,242,169
57629*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			4,250,000		04/09/2013	04/09/2043	Interest Rate Swap			00163K-AS-7	. ALM LOAN FUNDING-ALM 2013-7RA A2R .	1	4,250,000	4,250,213
57629*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			6.000.000							81883A-AC-3	Shackleton 2015-VII-R CL-SERIES 2015-7RA CLASS B			
	Evergreen Basket of Long Fixed Rate			, ,		04/09/2013	04/09/2043	Interest Rate Swap				Rockford Tower CLO 2018SERIES 18-		6,000,000	5,961,054
57629*AW1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,500,000	, ,,,	04/09/2013	04/09/2043	Interest Rate Swap			77342J-AC-7	1A CLASS B	1	7,500,000	7,415,363
57629*AW1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6, 100,000		04/09/2013	04/09/2043	Interest Rate Swap			94951M-AC-7	2A CLASS A2	1	6,100,000	6,034,956
57629*AW1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,330,000		04/09/2013	04/09/2043	Interest Rate Swap			64130H-AE-1	NEUBERGER BERMAN CLO LTD-NEUB 2013-	1	4,330,000	4,330,000
57629*AW1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		13,560,000	, ,	04/09/2013	04/09/2043	Interest Rate Swap			64129J-AQ-3	. 14A A1R	1	13,560,000	13,560,163
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	60,000,000	17,970,000	24,792,334	04/09/2013	04/09/2043	Interest Rate Swap		6,642,634	74992*-AD-7		2	17,970,000	18, 149, 700
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		18,500,000	18,077,590	04/09/2013	04/09/2043	Interest Rate Swap			50188G-AX-1 .	LCM XVIII LP-LCM 18A A2REATON VANCE CDO LTD-SERIES 2013-1A	1	18,500,000	18,077,590
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		12,750,000	12,750,204	04/09/2013	04/09/2043	Interest Rate Swap			27830B-AQ-7	CLAS A2ROHA CREDIT PARTNERS LTD-SERIES	1	12,750,000	12,750,204
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		12,800,000	12,787,264	04/09/2013	04/09/2043	Interest Rate Swap			67102Q-AK-4	2012-7A CLASS B1R	1	12,800,000	12,787,264
57629*AV3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		2,000,000	1,975,044	04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6	Sounds Point CLO IV-R LT-SERIES 13-	1	2,000,000	1,975,044
57629*AX9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	55,000,000	26,000,000	31,891,449	04/09/2013	04/09/2043	Interest Rate Swap		6,050,257	83609Y-AC-0	3RA CLASS ASLM STUDENT LOAN TRUST-SERIES 2005-	1	26,000,000	25,841,192
57629*AX9	ABS Bank Loans and Corp Bonds 1	l		5,623,139	5,517,426	04/09/2013	04/09/2043	Interest Rate Swap			78442G-QA-7	6 CLASS B	1	5,623,139	5,517,426
57629*AX9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		10,775,000	10,731,523	04/09/2013	04/09/2043	Interest Rate Swap			74982L-AQ-3	RACE POINT CLO LTD-SERIES 13-8A CLASS BR	1	10,775,000	10,731,523
57629*AX9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	I		15,350,000	15,198,035	04/09/2013	04/09/2043	Interest Rate Swap			14315J-RR-2	Carlyle US CLO 2013-4 Re Term Loan	1	15,350,000	15,198,035
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l	55,000,000	4,450,000	10,500,622	04/09/2013	04/09/2043	Interest Rate Swap		6,050,257	55820R-AG-7	MADISON PARK FUNDING LTD-SERIES 17- 25A CLASS C	2	4,450,000	4,450,365
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		1,950,000	1,940,379	04/09/2013	04/09/2043	Interest Rate Swap			55954K-AE-5	MAGNETITE CLO LTD-SERIES 2017-19A CLASS C	1	1,950,000	1,940,379
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		22,850,000	22,822,580	04/09/2013	04/09/2043	Interest Rate Swap			14311C-RR-1	Carlyle US CLO 2017-1 Ri Term Loan	1	22,850,000	22,822,580
57629*AY7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			10,000,000	, ,	04/09/2013	04/09/2043	Interest Rate Swap			033292-AS-2	ANCHORAGE CAPITAL CLO 20-SERIES 13- 1A CLASS A2R	1	10,000,000	9,910,480
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	I		6,400,000		04/09/2013	04/09/2043	Interest Rate Swap			67112R-AG-9	OHA Credit Funding 3 LTD-OAKC 2019-	1	6,400,000	6,399,994
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			4.800.000	, ,	04/09/2013	04/09/2043	Interest Rate Swap			09627F-AE-0	BlueMountain CLO Ltd-SERIES 2019- 25A CLASS B	1	4.800.000	4,799,995
31029"M11	אווטס שמוא ביים מווט ביים ביים ביים ביים ביים ביים ביים ביי	·	<b></b>	4,000,000	4,199,990	U4/ U3/ ZU IO	04/03/2043	IIII ci col nate owap			U3021F-ME-U _	KUN ULNUU D	I	4,000,000	4,739,990

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

		Replication (Syn	thetic Asset) Tra	ansactions	Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of C I	Jurrent Statemen		of the Renli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		or the nepr		Instrument(s) Held		
,	_	ū		, and the second	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*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3.300.000	3.292.110	04/09/2013	04/09/2043	Interest Rate Swap			06761C-AC-3	Babson CLO Ltd 2016-II-BABSN 2016- 2A BR	1	3,300,000	3,292,110
	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				·				Tryon Park CLO Ltd-TPCLO 2013-1A			
57629*AY7	ABS Bank Loans and Corp Bonds	1		1,000,000	985,667	04/09/2013	04/09/2043	Interest Rate Swap			89852T-AN-8	A1JR	1	1,000,000	985,667
57629*AY7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		1,000,000	991 168	04/09/2013	04/09/2043	Interest Rate Swap			13876J-AE-2	Canyon Capital CLO Ltd-CANYC 2012-	1	1,000,000	991,168
	Evergreen Basket of Long Fixed Rate			, ,											·
57629*AU5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	55,000,000	28,800,000	34,642,534	04/09/2013	04/09/2043	Interest Rate Swap		5,836,313	67110H-AA-6	OZLM XIV LTD SR SECD NT CL A-1A BENEFIT STREET PARTNERS -BSP 2017-	1	28,800,000	28,806,221
57629*AU5	ABS Bank Loans and Corp Bonds	1		15,000,000	14.961.225	04/09/2013	04/09/2043	Interest Rate Swap			08179C-AE-1	11A A2A	1	15.000.000	14,961,225
	Evergreen Basket of Long Fixed Rate			, ,								BALLYROCK CLO 2018-1 LTD-SERIES		, ,	
57629*AU5	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		13,900,000	13,722,469	04/09/2013	04/09/2043	Interest Rate Swap			05875H-AC-7	2018-1A CLASS A2	1	13,900,000	13,722,469
57629*AU5	ABS Bank Loans and Corp Bonds	1		1,000,000	987 , 522	04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6	MILES FAIN GLO LID-MILES 2010-1A AZ	1		987,522
57000+0.40	Evergreen Basket of Long Fixed Rate			04 000 000	00 450 404	04 (00 (00 40	0.4 /00 /00 40				500075 11 0	Marble Point CLO XI Ltd-MP11 2017-		04 000 000	04 700 544
57629*BA8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	60,000,000	21,900,000	28, 153, 401	04/09/2013	04/09/2043	Interest Rate Swap		6,366,887	56607F-AA-3	2A A	1	21,900,000	21,786,514
57629*BA8	ABS Bank Loans and Corp Bonds	1		19,239,441	17,221,811	04/09/2013	04/09/2043	Interest Rate Swap			66704J-BD-9	2 CLASS B	1	19,239,441	17,221,811
57629*BA8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		16.715.625	15.977.780	04/09/2013	04/09/2043	Interest Rate Swap			66704J-BK-3	NORTHSTAR EDUCATION FINA-SERIES 05- 1 CLASS B	4	16,715,625	15,977,780
3/029"DA0	Evergreen Basket of Long Fixed Rate	·		10,715,625	13,977,700	04/09/2013	04/09/2043	interest hate swap			00/04J-bh-3	Wellfleet CLO Ltd-SERIES 18-1A	· · · · · · · · · · · · · · · · · · ·		13,977,700
57629*BA8	ABS Bank Loans and Corp Bonds	1		3,500,000	3,454,994	04/09/2013	04/09/2043	Interest Rate Swap			94950J-AC-5	CLASS B	1	3,500,000	3,454,994
57629*BA8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		3,200,000	3,040,406	04/09/2013	04/09/2043	Interest Rate Swap			22615E-AE-0	Crestline Denali CLO Ltd-SERIES 2018-1A CLASS C	1	3.200.000	3,040,406
37023 BAO	Evergreen Basket of Long Fixed Rate	'				04/ 03/ 2010	04/ 03/ 2040	Titterest hate onap			-	MYERS PARK CLO LTD-MYERS 2018-1A A2	'		
57629*BA8	ABS Bank Loans and Corp Bonds	1		1,000,000	987 , 522	04/09/2013	04/09/2043	Interest Rate Swap			62848F-AC-6	ļ	1	1,000,000	987,522
57629*BB6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	50.000.000	34,500,000	39 601 501	04/09/2013	04/09/2043	Interest Rate Swap		5 314 331	01750C-AA-1	Allegro CLO VII Ltd-ALLEG 2018-1A	1	34.500.000	34, 287, 170
	Evergreen Basket of Long Fixed Rate				, ,									, ,	, ,
57629*BB6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		7,000,000	6,962,935	04/09/2013	04/09/2043	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR Waters Corporation Gtd Senior Note	1	7,000,000	6,962,935
57629*BB6	ABS Bank Loans and Corp Bonds	1			7,100,000	04/09/2013	04/09/2043	Interest Rate Swap			941848-D0-9	Series H	2	7,100,000	7, 100,000
	Evergreen Basket of Long Fixed Rate											Carlyle Global Market St-CGMS 2014-			
57629*BB6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		5,000,000	4,898,895	04/09/2013	04/09/2043	Interest Rate Swap			14314L-AE-5	2RA A2 CVP CASCADE CLO LTD-CVPC 2013-CL01	1	5,000,000	4,898,895
57629*AZ4	ABS Bank Loans and Corp Bonds	1	50,000,000	17,425,811	22,742,338	04/09/2013	04/09/2043	Interest Rate Swap		5,314,331	126612-AJ-9	A1R	1	17,425,811	17,428,007
57629*AZ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		22.850.000	22,690,484	04/09/2013	04/09/2043	Interest Rate Swap			26251L-AC-8	DRYDEN 64 CLO LTD-DRSLF 2018-64A A	4	22,850,000	22.690.484
5/629*AZ4	Evergreen Basket of Long Fixed Rate	l		22,850,000	22,090,484	04/09/2013	04/09/2043	Interest Hate Swap			2020 IL-AU-8	Babson CLO Ltd 2016-II-BABSN 2016-		22,830,000	22,090,484
57629*AZ4	ABS Bank Loans and Corp Bonds	1		3,400,000	3,391,871	04/09/2013	04/09/2043	Interest Rate Swap			06761C-AC-3	2A BR	1	3,400,000	3,391,871
57629*AZ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7.500.000	7.479.383	04/09/2013	04/09/2043	Interest Rate Swap			64132D-AC-2	Neuberger Berman CLO Ltd-NEUB 2019- 32A B	1	7.500.000	7 , 479 , 383
	Evergreen Basket of Long Fixed Rate			,,,,,,,	, ,	- 0, -0, 10						VOYA CLO LTD-SERIES 2017-3A CLASS		, ,	
57629*BD2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	100,000,000	6,800,000	23,358,182	03/05/2014	03/05/2034	Interest Rate Swap		16,688,171	92915Q-AE-3	A1BTHL CREDIT WIND RIVER 20-SERIES	1	6,800,000	6,670,011
57629*BD2	ABS Bank Loans and Corp Bonds	1		6,780,000	6,735,957	03/05/2014	03/05/2034	Interest Rate Swap			88434G-AC-9	2017-3A CLASS B	1	6,780,000	6,735,957
	Evergreen Basket of Long Fixed Rate											KKR FINANCIAL CLO LTD-SERIES 13-1A			
57629*BD2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,920,000	4,890,711	03/05/2014	03/05/2034	Interest Rate Swap			48249V-AS-0	CLASS BR	1	4,920,000	4,890,711
57629*BD2	ABS Bank Loans and Corp Bonds	1		21,100,000	21,099,979	03/05/2014	03/05/2034	Interest Rate Swap			55818Y-BA-8	17A CLASS AR	1	21,100,000	21,099,979
E7690*DD9	Evergreen Basket of Long Fixed Rate	1		21.015.000	04 040 000	02/05/2014	02/05/2024	Interest Date Co			48249V-AN-1	KKR FINANCIAL CLO LTD-SERIES 13-1A CLASS A1R	4	04 045 000	94 040 000
57629*BD2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I	-	21,015,000	21,010,082	03/05/2014	03/05/2034	Interest Rate Swap			48249V-AN-1	CRESTLINE DENALI CLO XV -SERIES 17-	T	21,015,000	21,010,082
57629*BD2	ABS Bank Loans and Corp Bonds	1		20,800,000	20,800,582	03/05/2014	03/05/2034	Interest Rate Swap			22616C-AA-1	1A CLASS A	1	20,800,000	20,800,582
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		7.000.000	E 0E3 03E	03/05/2014	03/05/2034	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR	1	7.000.000	6,962,935
	Evergreen Basket of Long Fixed Rate	I	·			03/03/2014		initelest hate owap				MADISON PARK FUNDING LTD-MDPK 2014-	1		
57629*BD2	ABS Bank Loans and Corp Bonds	1	.	12,200,000	12,222,424	03/05/2014	03/05/2034	Interest Rate Swap			55818P-AS-9	12A CR	1	12,200,000	12,222,424
57629*BC4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	100.000.000	20,075,279	38 576 000	03/05/2014	03/05/2034	Interest Rate Swap		16 712 071	346845-AC-4	FORT BENNING FAM-UNSECURED	1	20,075,279	21,862,938
	Evergreen Basket of Long Fixed Rate	I		, , ,						10,713,971		CARLYLE GLOBAL MARKET ST-SERIES 15-	1		
57629*BC4	ABS Bank Loans and Corp Bonds	1		11,800,000	11,799,752	03/05/2014	03/05/2034	Interest Rate Swap			14311D-AY-2	1A CLASS BR	1	11,800,000	11,799,752

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

		Replication (Syn	thetic Asset) Tra	ensactions	перисац	on (Synthetic	ASSEL) ITA	nsactions Open as of C I	urrent Statement		of the Reni	cation (Synthetic Asset) Transa	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(s) Open				Instrument(s) Held		
	_	NAIC						9	10	11	12	13	14	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	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
57629*BC4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		15,000,000	14,978,160	03/05/2014	03/05/2034	Interest Rate Swap			38137Y-AG-6	Goldentree Loan Manageme-GLM 2019- 4A B	1		14,978,160
57629*BC4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			44,780,573	46 276 245	03/05/2014	03/05/2034	Interest Rate Swap			16892D-AC-2	CHINA SOUTHERN POWER GRI-SENIOR UNSECURED	1	44,780,573	46,276,245
3/029"004	Evergreen Basket of Long Fixed Rate	·		44,700,373	40,270,243	03/03/2014	03/03/2034	interest hate swap				THAYER PARK CLO LTDTHAYR 2017-1A	·	44,760,373	40,270,243
57629*BC4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		10,850,000	10,760,249	03/05/2014	03/05/2034	Interest Rate Swap			883310-AC-8	A2 Kavne CLO 4 Ltd-SERIES 19-4A CLASS	1	10,850,000	10,760,249
57629*BE0	ABS Bank Loans and Corp Bonds 1	l <u></u>	150,000,000	2,800,000	34,505,831	05/19/2014	05/19/2044	Interest Rate Swap		31,706,192	48661Y-AA-2	B1	1	2,800,000	2,799,639
57629*BE0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			45,000,000	44 001 675	05/19/2014	05/19/2044	Interest Rate Swap			13876J-AC-6	Canyon Capital CLO Ltd-CANYC 2012- 1RA A	1	45,000,000	44,901,675
	Evergreen Basket of Long Fixed Rate							·				HIGHBRIDGE LOAN MANAGEME-HLM 11A-17	1		
57629*BE0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,100,000	9,099,645	05/19/2014	05/19/2044	Interest Rate Swap			40436V-AC-5	CLTD PARTNERSHIP-SERIES 15A	1	9,100,000	9,099,645
57629*BE0	ABS Bank Loans and Corp Bonds 1	l		8,950,000		05/19/2014	05/19/2044	Interest Rate Swap			50184N-AP-7	CLASS CR	1		8,933,085
57629*BE0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			6,000,000	6 000 546	05/19/2014	05/19/2044	Interest Rate Swap			06761K-AG-6	Babson CLO Ltd/Cayman Is-SERIES 19- 3A CLASS C	1	6,000,000	6,000,546
	Evergreen Basket of Long Fixed Rate							·				Regatta X Funding Ltd-SERIES 2017-	·		
57629*BE0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		13,100,000	12,859,798	05/19/2014	05/19/2044	Interest Rate Swap			75884B-AC-2	3A CLASS B Kingsland Ltd-SERIES 18-8A CLASS A	1	13,100,000	12,859,798
57629*BE0	ABS Bank Loans and Corp Bonds 1	l		44,984,499	44,752,770	05/19/2014	05/19/2044	Interest Rate Swap			42086P-AC-7		1	44,984,499	44,752,770
57629*BE0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			22,935,714	22 017 266	05/19/2014	05/19/2044	Interest Rate Swap			14315J-ZZ-5	Carlyle US CLO 2017-2 Ri Term Loan	1	22,935,714	22,917,366
	Evergreen Basket of Long Fixed Rate							·				OHA CREDIT PARTNERS LTD-OAKC 2013-			
57629*BF7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	125,000,000	20,000,000	37,227,058	05/19/2014	05/19/2034	Interest Rate Swap		17,208,118	67105V-AW-4	9A B1R Rockford Tower CLO 2018SERIES 18-	1	20,000,000	20,018,940
57629*BF7	. ABS Bank Loans and Corp Bonds 1	l		50,000,000	49,527,000	05/19/2014	05/19/2034	Interest Rate Swap			77342J-AA-1	1A CLASS A	1	50,000,000	49,527,000
57629*BF7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	ı		7.000.000	6 011 100	05/19/2014	05/19/2034	Interest Rate Swap			64130P-AE-3	Neuberger Berman CLO Ltd-NEUB 2018- 28A B	1	7,000,000	6,911,100
	Evergreen Basket of Long Fixed Rate			, ,								SYMPHONY CLO LTD-SERIES 13-12A	'		
57629*BF7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	165,000,000	20,000,000	19,987,780	05/19/2014	05/19/2034	Interest Rate Swap			13080B-AB-7	CLASS B1R Greywolf CLO V Ltd-GWOLF 2015-1A	1	20,000,000	19,987,780
57629*BF7	ABS Bank Loans and Corp Bonds 1	l		19,900,000	19,776,859	05/19/2014	05/19/2034	Interest Rate Swap			39808P-AL-0	A1R	1	19,900,000	19,776,859
57629*BF7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	ı		9,000,000	8 920 215	05/19/2014	05/19/2034	Interest Rate Swap			04017Q-AE-5	ARES CLO Ltd-SERIES 18-28RA CLASS B	1	9,000,000	8,920,215
	Evergreen Basket of Long Fixed Rate	'						·				Kingsland Ltd-SERIES 18-8A CLASS A	'		
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	150,000,000	28,890,045	60,736,741	05/19/2014	05/19/2044	Interest Rate Swap		31,995,518	42086P-AC-7	SOUTH CAROLINA STUDENT L-SERIES	1	28,890,045	28,741,223
57629*BG5	ABS Bank Loans and Corp Bonds 1	l		17,081,449	17,301,177	05/19/2014	05/19/2044	Interest Rate Swap			83715R-AG-7	2014-1 CLASS B	1	17,081,449	17,301,177
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		4.000.000	3.976.044	05/19/2014	05/19/2044	Interest Rate Swap			17181T-AA-9	CIFC Funding 2018-IV Ltd-SERIES 18- 4A CLASS A1	1	4,000,000	3,976,044
	Evergreen Basket of Long Fixed Rate			, ,	,			·				GOAL CAPITAL FUNDING TRU-SERIES			
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	<b> </b>	6, 159, 753	6,033,661	05/19/2014	05/19/2044	Interest Rate Swap			38021B-AG-5	2006-1 CLASS BHIGHER EDUCATION FUNDING-SERIES	1		6,033,661
57629*BG5	ABS Bank Loans and Corp Bonds 1	l		4, 181, 435	4,451,423	05/19/2014	05/19/2044	Interest Rate Swap			429827-AS-7	2004-1 CLASS B2	1	4, 181, 435	4,451,423
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		10,000,000	9.780.790	05/19/2014	05/19/2044	Interest Rate Swap			69703P-AC-3	Palmer Square CLO 2018-1-PLMRS 2018-1A A2	1	10,000,000	9,780,790
	Evergreen Basket of Long Fixed Rate							·				Babson CLO Ltd 2013-I-SERIES 2013-			
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,050,000		05/19/2014	05/19/2044	Interest Rate Swap			06760E-AE-6	IA CLASS CR Navient Student Loan Tru-SERIES 18-	1	9,050,000	8,855,896
57629*BG5	ABS Bank Loans and Corp Bonds 1	l <u></u>	ļ	9,500,000	9,457,260	05/19/2014	05/19/2044	Interest Rate Swap			63940D-AD-4	1A CLASS B	1	9,500,000	9,457,260
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		7,750,000	7 552 367	05/19/2014	05/19/2044	Interest Rate Swap			64131T-AG-9	Neuberger Berman CLO XVI-SERIES 17- 16SA CLASS C	1	7,750,000	7,552,367
	Evergreen Basket of Long Fixed Rate							·				Anchorage Capital CLO 3ANCHC			
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	<u> </u>	7,500,000	7,262,640	05/19/2014	05/19/2044	Interest Rate Swap			03330A-AE-2	2014-3RA C Goldentree Loan Opportun-SERIES	1		7,262,640
57629*BG5	ABS Bank Loans and Corp Bonds 1	l		8,000,000	7,853,352	05/19/2014	05/19/2044	Interest Rate Swap			38137H-BW-7	2015-11A CLASS BR2	1		7,853,352
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	l		8,000,000	7.926.472	05/19/2014	05/19/2044	Interest Rate Swap			39808P-AN-6	Greywolf CLO V Ltd-GWOLF 2015-1A A2R	1	8,000,000	7,926,472
	Evergreen Basket of Long Fixed Rate										-	Barings CLO Ltd 2018-I-SERIES 18-1A			
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			7,772,734	05/19/2014	05/19/2044	Interest Rate Swap			06760G-AC-5	CLASS BAllegro CLO VI Ltd-ALLEG 2017-2A C	1		7,772,734
57629*BG5	ABS Bank Loans and Corp Bonds 1	l		5,800,000	5,611,297	05/19/2014	05/19/2044	Interest Rate Swap			01749B-AC-3		1	5,800,000	5,611,297

# SCHEDULE DB - PART C - SECTION 1 Replication (Synthetic Asset) Transactions Open as of Current Statement Date

_					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra			_	T .				of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		Instrument(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*BG5	Evergreen Basket of Long Fixed Rate			16.000.000	15.798.496	05/19/2014	05/19/2044	Interest Rate Swap			06760X-AC-8	BARINGS CLO LTD 2018-IV-SERIES 18- 4A CLASS A2	_	16.000.000	45 700 400
5/629^BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,000,000	15,798,496	05/ 19/ 20 14	05/ 19/2044	Interest Hate Swap			U6/6UX-AC-8	4A ULASS AZ	1	16,000,000	15,798,496
57629*BG5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,700,000	3,699,993	05/19/2014	05/19/2044	Interest Rate Swap			05875J-AC-3	Ballyrock CLO 2019-1 Ltd Madison Park Funding XIV-MDPK 2014-	1	3,700,000	3,699,993
57629*BH3	ABS Bank Loans and Corp Bonds 1		150,000,000		40,464,970	05/19/2014	05/19/2044	Interest Rate Swap		31,943,587	55818R-BC-9	14A CRR	1		
57629*BH3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			2,371,191	2,258,467	05/19/2014	05/19/2044	Interest Rate Swap			784424-AE-3	SLC STUDENT LOAN TRUST 2-SERIES 07- 1 CLASS B	1	2,371,191	2,258,467
57629*BH3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			10 . 400 . 000	10.399.334	05/19/2014	05/19/2044	Interest Rate Swap			64132J-AG-0	NEUB 2019-31A B	1	10,400,000	10.399.334
	Evergreen Basket of Long Fixed Rate				, ,								I	, ,	, ,
57629*BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,000,000	2,999,706	05/19/2014	05/19/2044	Interest Rate Swap			27830X-AG-1	EATON 2019-1A CBLUEMOUNTAIN CLO LTD-SERIES 16-2A	1	3,000,000	2,999,706
57629*BH3	ABS Bank Loans and Corp Bonds 1			14,600,000	14,612,746	05/19/2014	05/19/2044	Interest Rate Swap			09628W-AC-6	CLASS A2	1	14,600,000	14,612,746
57629*BH3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			16,000,000	15,940,992	05/19/2014	05/19/2044	Interest Rate Swap			69688A-AA-9	2A CLASS AARR	1	16,000,000	15,940,992
57629*BH3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			13.850.000	13.852.161	05/19/2014	05/19/2044	Interest Rate Swap			11014P-AB-1	BRISTOL PARK CLO LTD-SERIES 2016-1A CLASS B	1	13,850,000	13,852,161
57629*BH3	Evergreen Basket of Long Fixed Rate			12.150.000	, ,		05/19/2044				056828-AC-0	BAIN CAPITAL CREDIT CLO -SERIES BCC	_		
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			, , ,	, ,	05/19/2014		Interest Rate Swap				2016-2A CLASS B	·	12,150,000	12, 131,787
57629*BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,634,571	2,663,387	05/19/2014	05/19/2044	Interest Rate Swap			23340L-AA-2	2015-B CLASS A1	1	2,634,571	2,663,387
57629*BH3	ABS Bank Loans and Corp Bonds 1			67,094,223	68, 167, 731	05/19/2014	05/19/2044	Interest Rate Swap			22101#-AA-6	Sr Secd Note	2	67,094,223	68, 167, 731
57629*BJ9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		150,000,000	133,500,000	163,814,306	05/19/2014	05/19/2044	Interest Rate Swap		31,587,495	858102-AX-4	Steele Creek CLO 2016-1 -SERIES 2016-1A CLASS AR	1	133,500,000	132, 226, 811
57629*BJ9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			10,000,000	9,949,920	05/19/2014	05/19/2044	Interest Rate Swap			04625A-AC-8	ASSURANT CLO I LTD-SERIES 17-1A CLASS B	1	10,000,000	9,949,920
57629*BJ9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			7.000.000	6 962 935	05/19/2014	05/19/2044	Interest Rate Swap			48250W-AG-0	KKR CLO 14 Ltd-KKR 14 AR	1	7,000,000	6,962,935
57629*BK6	Evergreen Basket of Long Fixed Rate		150.000.000	130,000,000		05/19/2014	05/19/2044	Interest Rate Swap		31.587.495		Steele Creek CLO 2014-1 -SERIES 14- 1RA CLASS A			
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		150,000,000	, ,	, ,					1,067,495 لو			1	130,000,000	128,968,970
57629*BK6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,000,000	14,999,670	05/19/2014	05/19/2044	Interest Rate Swap			88322U-AM-1	THACHER PARK CLO-THRPK 2014-1A BR . Harbor Park CLO, Ltd-HAR-HARB 2018-	1	15,000,000	14,999,670
57629*BK6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,200,000	5, 174, 447	05/19/2014	05/19/2044	Interest Rate Swap			41154X-AG-0	1A B1CIFC Funding 2018-IV Ltd-SERIES 18-	1	5,200,000	5, 174, 447
57629*BL4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		150,000,000	5,000,000	36,616,898	05/19/2014	05/19/2044	Interest Rate Swap		31,646,843	17181T-AA-9	4A CLASS A1	1	5,000,000	4,970,055
57629*BL4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			25,300,000	25,279,988	05/19/2014	05/19/2044	Interest Rate Swap			04943A-AC-3	2017-8A CLASS BSYMPHONY CLO LTD-SYMP 2014-14A B1R	1	25,300,000	25,279,988
57629*BL4	ABS Bank Loans and Corp Bonds 1			12,800,000	12,800,358	05/19/2014	05/19/2044	Interest Rate Swap			87159Q-BG-2		1	12,800,000	12,800,358
57629*BL4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			21,709,161	22.270.919	05/19/2014	05/19/2044	Interest Rate Swap			G4301U-AH-7	Harbour Aircraft Investm Series 2017-1 C	1	21,709,161	22,270,919
57629*BL4	Evergreen Basket of Long Fixed Rate			79, 100, 000	, , ,	05/19/2014	05/19/2044	Interest Rate Swap			67104L-AE-7	OHA Loan Funding 2013-2 -OHALF 2013-2A AR	1	79,100,000	
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate											Wellfleet CLO 2016-1 Ltd-WELF 2016-	1		78,631,965
57629*BL4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,000,000	3,950,532	05/19/2014	05/19/2044	Interest Rate Swap			94949R-AW-7	1A CR	1	4,000,000	3,950,532
57629*BL4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,200,000	3, 199, 875	05/19/2014	05/19/2044	Interest Rate Swap			50200Y-AG-3	LCM 30A B Kingsland Ltd-SERIES 18-8A CLASS A	1	3,200,000	3, 199, 875
57629*BM2	ABS Bank Loans and Corp Bonds 1		150,000,000	44,984,499	76,414,451	05/19/2014	05/19/2044	Interest Rate Swap		31,661,681	42086P-AC-7	MINGSTATIO LIU-DENTED 18-8A ULASS A	1	44,984,499	44,752,770
57629*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			11,100,000	11,099,179	05/19/2014	05/19/2044	Interest Rate Swap			27830X-AE-6	EATON 2019-1A B	1	11,100,000	11,099,179
57629*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			2,700,000	2,699,887	05/19/2014	05/19/2044	Interest Rate Swap			01750F-AC-0	Allegro CLO Ltd-ALLEG 2019-1A B	1	2,700,000	2,699,887
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,377,592	5 481 49R	05/19/2014	05/19/2044	Interest Rate Swap			00764M-GG-6	AEGIS ASSET BACKED SECUR-SERIES 2005-4 CLASS M1	1	5,377,592	5,481,498
57629*BM2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			3,724,821		05/19/2014	05/19/2044	Interest Rate Swap			247358-CC-6	EAIV Delta MSN 15181	1	3,724,821	3,565,082
	Evergreen Basket of Long Fixed Rate			,	, ,			·				Oak Hill Credit Partners-OAKC 2014-			
57629*BM2	ABS Bank Loans and Corp Bonds 1			15,000,000	14,867,475	05/19/2014	05/19/2044	Interest Rate Swap			67707C-AJ-7	10RA B	1	15,000,000	14,867,475

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

Number   Description   Descr	15 Book/Adjusted	•
Name    Name	Book/Adjusted	
Name		16
FREEPRING   ARS Bark Learns and Corp Bonds   1   13,560,000   31,548,772   05,192/014   05,192	Carrying Value	Fair Value
Evergreen Basket of Lung Fixed Rate   Sin Same Interest Rate Sin S	13,560,000	13,548,772
Evergreen Basket of Long Fixed Rate	13,300,000	
Special Composition   Special Composition	13,600,000	13,485,406
Evergreen Basket of Long Fixed Rate ASB Bank Loans and Corp Bonds 1	15,000,000	14,999,730
Evergreen Basket of Long Fixed Rate   A, 916,772   A, 976,173   D, 19/2014   D, 1		14,333,730
SP629*BIIZ	15,800,000	15,958,000
Evergreen Basket of Long Fixed Rate   1   5,400,000   5,399,590   05/19/2014   05	4,916,772	4,976,17
Evergreen Basket of Long Fixed Rate   1   135,000,000   72,500,000   101,404,540   05/19/2014   05/19/2014   05/19/2014   Interest Rate Swap   28,909,470   29001L-AA-9   ELMIRODO CLO II LTD NT CL A   1   1   1   1   1   1   1   1   1		
ABS Bank Loans and Corp Bonds   1   135,000,000   72,500,000   101,404,540   05/19/2014   05/1	5,400,000	5,399,590
Evergreen Basket of Long Fixed Rate 57629*BNO Bank Loans and Corp Bonds 1 23,800,000 23,804,665  Evergreen Basket of Long Fixed Rate 57629*BNO ABS Bank Loans and Corp Bonds 1 5,600,000 5,7600,000  Evergreen Basket of Long Fixed Rate 8 Bank Loans and Corp Bonds 1 5,600,000 5,566,462  Evergreen Basket of Long Fixed Rate 8 Bank Loans and Corp Bonds 1 5,600,000 5,566,462  Evergreen Basket of Long Fixed Rate 8 Bank Loans and Corp Bonds 1 5,600,000 5,566,462  Evergreen Basket of Long Fixed Rate 8 Bank Loans and Corp Bonds 1 5,600,000 5,79/2014 05/19/2014 1nterest Rate Swap 17181T-AA-9 4k CASS AB 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72.500.000	72,495,070
Evergreen Basket of Long Fixed Rate	, ,	
ABS Bank Loans and Corp Bonds   1	23,800,000	23,804,665
Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate  Foreignen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate  Foreignen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate  Foreignen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate  Foreignen Basket of Long Fixed Rate  Fo	7,600,000	7,600,000
Evergreen Basket of Long Fixed Rate   Golub Capital Partners C-GOCAP   1		
ABS Bank Loans and Corp Bonds   1   27,700,000   26,970,631   05/19/2014   05/19/	5,600,000	5,566,462
SF629*BP5	27,700,000	26,970,63
Evergreen Basket of Long Fixed Rate   Apollo Credit Funding IV-SERIES 4A   57629*BP5   ABS Bank Loans and Corp Bonds   1   15,000,000   14,850,075   05/09/2014   05/09/2034   Interest Rate Swap   03765W-BC-1   0LASS A1BR   1   1   1   1   1   1   1   1   1	07.740.004	04 040 70
57629*BP5 ABS Bank Loans and Corp Bonds 1	27,719,664	24,613,783
	15,000,000	14,850,075
Evergreen Basket of Long Fixed Rate   ARES CLO LTD-SERIES 17-43A CLASS B   57629*BP5   ABS Bank Loans and Coro Bonds   1   13.570.000   13.530.606   05/09/2014   05/09/2034   Interest Rate Swap   04016P-AC-2   13.570.000   1	13.570.000	13,530,606
Since and the state of the stat	13,370,000	
57629*BP5 ABS Bank Loans and Corp Bonds 1	13,570,000	13,416,442
Evergreen Basket of Long Fixed Rate	13,570,000	13,529,439
Evergreen Basket of Long Fixed Rate		
57629*BP5	3,900,000	3,740,70
Evergreen Basket of Long Fixed Rate   0HA Credit Partners XV L-SERIES 17-   157629*BR1   ABS Bank Loans and Coro Bonds   1   125.000.000   13.100.000   38.755.526   07/22/2014   101erest Rate Swap   25.882.536   677078-AB-6   15A CLASS B	13,100,000	12,872,990
Evergreen Basket of Long Fixed Rate		
57629*BR1	13,300,000	13,239,192
57629*BR1 ABS Bank Loans and Corp Bonds 1 8,000,000 7,919,600 07/22/2014 07/22/2044 Interest Rate Swap 67115W-AG-5 11A CLASS B 1	8,000,000	7,919,600
Evergreen Basket of Long Fixed Rate	45.000.000	44 040 077
57629*BR1	15,000,000	14,810,070
57629*BR1 ABS Bank Loans and Corp Bonds 1	13,500,000	13,311,810
Evergreen Basket of Long Fixed Rate     DELTA AIR LINES INC AIRBUS A330-200     57629*BR1   ABS Bank Loans and Corp Bonds   1   8.305.642   8.344,062   07/22/2014   1nterest Rate Swap   247361-PP-9   N856NW   1   1   1   1   1   1   1   1   1	8,305,642	8,344,062
Evergreen Basket of Long Fixed Rate		
57629*BR1 ABS Bank Loans and Corp Bonds 1	35,000,000	34,930,140
Evergreen Basket of Long Fixed Rate     HIGHBRIDGE LOAN MANAGEME-SERIES     HIGHBRIDGE LOAN MANAGEME-SERIES	5,900,000	5,863,402
Evergreen Basket of Long Fixed Rate	,	
57629*BR1 ABS Bank Loans and Corp Bonds 1 1,500,000 1,14,446,658 07/22/2014 07/22/2044 Interest Rate Swap 553205-AC-9 MP CLO III LTD-MP3 2013-1A AR 1	14,500,000	14,446,858
Evergreen Basket of Long Fixed Rate   GT Loan Financing   Ltd -SERIES	20.000.000	19,896,780
Evergreen Basket of Long Fixed Rate	, ,	
57629*BT7	15,000,000	14,889,720
Evergreen Basket of Long Fixed hate	19,590,000	19,520,080
Evergreen Basket of Long Fixed Rate	,	
57629*BT7		19,498,63
Everyteen basket ut utilig Fraeu nate	19,500,000	1

# SCHEDULE DB - PART C - SECTION 1 Replication (Synthetic Asset) Transactions Open as of Current Statement Date

					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra		T .	_	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
	Evergreen Basket of Long Fixed Rate											CIFC FUNDING LTD-SERIES 17-4A CLASS			
57629*BT7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		8,000,000	7,951,512	07/22/2014	07/22/2044	Interest Rate Swap			12551J-AE-6	BABSON CLO LTD-SERIES 17-1A CLASS C	1	8,000,000	7,951,512
57629*BT7	ABS Bank Loans and Corp Bonds 1	l <u></u>		5,100,000	5,100,056	07/22/2014	07/22/2044	Interest Rate Swap			06760B-AJ-1 .		1	5,100,000	5, 100,056
57629*BT7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		5, 100,000	5,084,736	07/22/2014	07/22/2044	Interest Rate Swap			566061-AE-7 .	MARBLE POINT CLO X LTD-SERIES 2017- 1A CLASS B	1	5, 100,000	5,084,736
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		3,400,000	3,400,646	04/09/2013	04/09/2043	Interest Rate Swap			55818Y-BG-5	MADISON PARK FUNDING LTD-SERIES 15- 17A CLASS CR	1	3,400,000	3,400,646
57629*BT7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		2,975,000	2,975,833	04/09/2013	04/09/2043	Interest Rate Swap			67102Q-AP-3	OHA CREDIT PARTNERS LTD-SERIES 2012-7A CLASS CR	1	2,975,000	2,975,833
57629*BT7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		5,600,000	5,599,765	04/09/2013	04/09/2043	Interest Rate Swap			01750F-AC-0 _	Allegro CLO Ltd-ALLEG 2019-1A B	1	5,600,000	5,599,765
57629*BT7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		9,250,000	9,250,379	04/09/2013	04/09/2043	Interest Rate Swap			94950G-AA-5	WELLFLEET CLO LTD-WELF 2017-1A A1	1	9,250,000	9,250,379
57629*BT7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		4,000,000	3,921,064	04/09/2013	04/09/2043	Interest Rate Swap			41154X-AL-9	Harbor Park CLO, Ltd-HARB 2018-1A C	1	4,000,000	3,921,064
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l	125,000,000	17,000,000	42,881,622	07/22/2014	07/22/2044	Interest Rate Swap		25,894,967	04014W-AL-9	ARES CLO LTD-ARES 2014-1A A2R	1	17,000,000	16,986,655
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		15,991,295	15,884,864	07/22/2014	07/22/2044	Interest Rate Swap			85816L-AA-6 .	Steele Creek Clo 2018-2 -SERIES 2018-2A CLASS A	1	15,991,295	15,884,864
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		22,550,000	22,498,135	07/22/2014	07/22/2044	Interest Rate Swap			14315J-SS-9	Carlyle US CLO 2013-1 Re Term Loan	1	22,550,000	22,498,135
57629*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			17.000.000		07/22/2014	07/22/2044	Interest Rate Swap			55818P-AN-0	MADISON PARK FUNDING LTD-MOPK 2014- 12A B1R	1	17,000,000	17,014,875
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			8, 125, 000		07/22/2014	07/22/2044	Interest Rate Swap			55820N-AE-1	MADISON PARK FUNDING LTD-MDPK 2016- 24A C1	1	8, 125, 000	
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			6,900,000	, ,,	07/22/2014	07/22/2044	Interest Rate Swap			38136F-AL-7	GoldentTree Loan Managem-GLM 2017- 1A C	1	6,900,000	6,892,362
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	·		5,650,000		07/22/2014	07/22/2044	Interest Rate Swap			50184N-AN-2	LCM LTD PARTNERSHIP-SERIES 15A CLASS BR	1	5,650,000	5,617,083
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	·		9.051.579		07/22/2014	07/22/2044	Interest Rate Swap			61945C-AA-1	MOSAIC CO/THE-SENIOR UNSECURED NOTE	2	9,051,579	9, 150, 021
57629*BU4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	·		23,000,000	, ,	07/22/2014	07/22/2044	Interest Rate Swap			G7332#-AG-8	RRPF Engine Leasing Ltd Senior Secured	1	23,000,000	22,563,138
57629*BV2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	·	125.000.000			07/22/2014	07/22/2044	Interest Rate Swap		25 8/5 2/5	04017Q-AE-5	ARES CLO Ltd-SERIES 18-28RA CLASS B	1	7,000,000	6,937,945
57629*BV2	Evergreen Basket of Long Fixed Rate		120,000,000	7.600.000		07/22/2014	07/22/2044	Interest Rate Swap		25,040,240	75888K-AC-8	REGATTA VIII FUNDING LTD-SERIES 2017-1A CLASS B	1	7,600,000	7,554,476
57629*BV2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			7,460,000	, , ,	07/22/2014	07/22/2044	Interest Rate Swap			00900C-AA-2	AIMCO-AIMCO 2017-AA A		7,460,000	7,334,476
	Evergreen Basket of Long Fixed Rate							·			04017T-AC-3	Ares XXXIR CLO Ltd-SERIES 14-31RA			
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			28,400,000		07/22/2014	07/22/2044	Interest Rate Swap				DRYDEN SENIOR LOAN FUND-SERIES 17-		28,400,000	27,861,110
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,805,763	, , , , ,	07/22/2014	07/22/2044	Interest Rate Swap			26244Q-AB-9	. 49A CLASS B		11,805,763	11,740,552
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		<u> </u>	41,985,532		07/22/2014	07/22/2044	Interest Rate Swap			42086P-AC-7	BAIN CAPITAL CREDIT CLO -SERIES		41,985,532	41,769,252
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			12,500,000		07/22/2014	07/22/2044	Interest Rate Swap			05683H-AC-9	2017-2A CLASS AR	1   .	12,500,000	12,475,163
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	<u> </u>	9,500,000		07/22/2014	07/22/2044	Interest Rate Swap			88432U-AE-6	CLASS B	1	9,500,000	9,401,457
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	125,000,000		29,359,741		07/22/2044	Interest Rate Swap		25,857,676	247358-XT-6	STATE BOARD OF REGENTS O-SERIES	1	3,655,383	3,502,065
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,982,863		07/22/2014	07/22/2044	Interest Rate Swap			91754R-ZG-5	USBR 2017-1 CLASS BSLM STUDENT LOAN TRUST 2-SERIES 06-	2	6,982,863	6,891,369
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		5, 164, 170		07/22/2014	07/22/2044	Interest Rate Swap			78443K-AK-2	9 CLASS BTICP CLO VI 2016-5 Ltd-TICP 2016-5A	1	5, 164, 170	4,995,998
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	ļ	15,200,000	15, 100, 121	07/22/2014	07/22/2044	Interest Rate Swap			87248K-AL-8 _	BR	1	15,200,000	15, 100, 121
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,353,615	4, 170, 457	07/22/2014	07/22/2044	Interest Rate Swap			57643L-FG-6	2004-0PT2 CLASS A1	1	4,353,615	4, 170, 457
57629*BW0	ABS Bank Loans and Corp Bonds 1	l		5,295,000	5,295,058	07/22/2014	07/22/2044	Interest Rate Swap			03766G-AG-7 _	APIDOS CLO-SERIES 17-26A CLASS B	1	5,295,000	5,295,058

# SCHEDULE DB - PART C - SECTION 1 Replication (Synthetic Asset) Transactions Open as of Current Statement Date

_					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra				T .				of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Open				Instrument(s) Held		
Noveles	Description	NAIC Designation or Other	Notional	Book/Adjusted Carrying	Fair Value	Effective	Maturity	9	10 Book/Adjusted Carrying	11 5 : y :	12	13	14 NAIC Designation or Other	15 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  Madison Park Funding XXI-MDPK 2016-	Description	Value	Fair Value
57629*BW0	ABS Bank Loans and Corp Bonds 1			11.988.504	12.000.144	07/22/2014	07/22/2044	Interest Rate Swap			55819X-AC-6	22A B	1	11,988,504	12,000,144
0.020 5.00	Evergreen Basket of Long Fixed Rate					017 227 2011	07,22,2011	Interest nate onap							
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,300,000	16,293,464	07/22/2014	07/22/2044	Interest Rate Swap			33882G-AA-6	FLATIRON CLO LTD-FLAT 2017-1A A CEDAR FUNDING LTD-SERIES 14-4A	1	16,300,000	16,293,464
57629*BW0	ABS Bank Loans and Corp Bonds 1			16,280,000	16,231,209	07/22/2014	07/22/2044	Interest Rate Swap			150323-AQ-6	CLASS BR	1	16,280,000	16,231,209
57629*BW0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			9,410,000	9,378,919	07/22/2014	07/22/2044	Interest Rate Swap			04943A-AE-9	ATLAS SENIOR LOAN FUND L-SERIES 17- 8A CLASS C	1	9,410,000	9,378,919
57629*BW0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			11.900.000	11 701 110	07/22/2014	07/22/2044	Interest Rate Swap			44330G-AE-3	Highbridge Loan Manageme-SERIES 4A- 2014 CLASS A2R	1	11.900.000	11,721,119
57629*BW0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			8,000,000	, ,	07/22/2014	07/22/2044	Interest Rate Swap			87250A-AC-5	TICP CLO XIII Ltd-TICP 2019-13A B	1	8,000,000	7,999,776
37029 Bii0	Evergreen Basket of Long Fixed Rate			5,000,000		01/22/2014	01/22/2044	Interest hate swap			07230A-AU-3	THO GLO XIII Eta-Hor 2019-10A B	۱ · · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5, 148,000	5, 123, 856	07/22/2014	07/22/2044	Interest Rate Swap			69340J-AB-8	PHEAA Student Loan Trust 2014 MYERS PARK CLO LTD-MYERS 2018-1A A2	1	5,148,000	5, 123,856
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,000,000	987,522	07/22/2014	07/22/2044	Interest Rate Swap			62848F-AC-6	AIMCO CLO Series 2018-B-SERIES 18-	1	1,000,000	987,522
57629*BW0	ABS Bank Loans and Corp Bonds 1			5,000,000	4,890,780	07/22/2014	07/22/2044	Interest Rate Swap			00900P-AG-0	BA CLASS C	1	5,000,000	4,890,780
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST 2-SERIES 06-			
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	10,880,684	20,040,396	08/27/2014	08/27/2044	Interest Rate Swap		9,390,890	78443G-AJ-4	7 CLASS B	1	10,880,684	10,649,506
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,900,000	7,735,174	08/27/2014	08/27/2044	Interest Rate Swap			92916Q-AC-6	CLASS B	1	7,900,000	7,735,174
57629*BZ3	ABS Bank Loans and Corp Bonds 1			15,000,000	14,875,620	08/27/2014	08/27/2044	Interest Rate Swap			14314B-AC-1	1A A2	1	15,000,000	14,875,620
	Evergreen Basket of Long Fixed Rate											STEELE CREEK CLO LTD-SERIES 15-1A			
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate				,	08/27/2014	08/27/2044	Interest Rate Swap			85816B-CQ-1	CLASS BR	1	8,560,000	8,507,647
57629*BZ3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,050,000	9,045,575	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	9,045,575
57629*CA7	ABS Bank Loans and Corp Bonds 1		50,000,000	60,500,000	69,918,464	08/27/2014	08/27/2044	Interest Rate Swap		9,410,841	126612-AJ-9	A1R	1	60,500,000	60,507,623
57629*CB5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		50,000,000	17,400,000	26,759,884	08/27/2014	08/27/2044	Interest Rate Swap		9,360,963	06761K-AE-1	Babson CLO Ltd/Cayman Is-SERIES 19- 3A CLASS B	1	17,400,000	17,398,921
57629*CB5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			15,000,000	14,999,880	08/27/2014	08/27/2044	Interest Rate Swap			69689A-AW-0	Palmer Square CLO 2015-1-PLMRS 2015-1A A2R2	1	15,000,000	14,999,880
57629*0B5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			14,250,000	14,030,678	08/27/2014	08/27/2044	Interest Rate Swap			67112K-AB-5	OCP CLO Ltd-SERIES 18-15A CLASS A2	1	14,250,000	14,030,678
57629*CB5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			3.300.000	3,292,110	08/27/2014	08/27/2044	Interest Rate Swap			06761C-AC-3	Babson CLO Ltd 2016-II-BABSN 2016- 2A BR	1	3,300,000	3,292,110
	Evergreen Basket of Long Fixed Rate			,	,										
57629*CB5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,652,258	2,655,087	08/27/2014	08/27/2044	Interest Rate Swap			045487-AA-3	ASSOC BANC-CORP-SR UNSECURED	2	2,652,258	2,655,087
57629*CC3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	22,493,047	31,658,874	08/27/2014	08/27/2044	Interest Rate Swap		9,326,049	94949J-AA-3	ALM XIV Ltd-SERIES 14-14A CLASS	1	22,493,047	22,332,825
57629*CC3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,900,000	15,784,280	08/27/2014	08/27/2044	Interest Rate Swap			74988L-AA-2	A1R2 Barings CLO Ltd 2018-I-SERIES 18-1A	1	15,900,000	15,784,280
57629*CC3	ABS Bank Loans and Corp Bonds 1			16,475,000	16,263,988	08/27/2014	08/27/2044	Interest Rate Swap			06760G-AA-9	CLASS A1	1	16,475,000	16,263,988
57629*CE9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		150,000,000	100,000,000	127,362,121	09/08/2014	09/08/2044	Interest Rate Swap		28,058,721	42086Q-AA-9	Kingsland VI Ltd-KING 2013-6A AR	1	100,000,000	99,303,400
57629*0E9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			21,465,000	26,932,500	09/08/2014	09/08/2044	Interest Rate Swap			ZZ2066-36-8	AUST & NZ BANKING GROUP- SUBORDINATED NOTE	1	21,465,000	26,932,500
57629*CE9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			8,400,000	8,354,909	09/08/2014	09/08/2044	Interest Rate Swap			48252Y-AE-9	KKR CLO 23 Ltd-KKR 23 B	1	8,400,000	8,354,909
57629*CE9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			2,750,000	2,629,253	09/08/2014	09/08/2044	Interest Rate Swap			04015U-AK-4	Ares XXXVIII CLO Ltd-SERIES 2015- 38A CLASS CR	1	2,750,000	2,629,253
57629*CE9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			2.590.000		09/08/2014	09/08/2044	Interest Rate Swap			88433R-AG-7	WIND RIVER CLO LTD-SERIES 17-2A CLASS C1	1	2.590.000	2,590,039
	Evergreen Basket of Long Fixed Rate			, ,	, , ,							AIMCO CLO Series 2015-A-SERIES 15-		, , ,	, ,
57629*CE9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,500,000		09/08/2014	09/08/2044	Interest Rate Swap			00900L-AJ-3	AA CLASS CR Carlyle Global Market St-SERIES 14-	1	2,500,000	2,444,323
57629*CE9	ABS Bank Loans and Corp Bonds 1			10,500,000	10,367,070	09/08/2014	09/08/2044	Interest Rate Swap			14315L-AC-8	3RA CLASS A1B	1	10,500,000	10,367,070
57629*CE9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4,770,000	4,773,194	09/08/2014	09/08/2044	Interest Rate Swap			48275P-AG-6	KREF 2018-FL1 Ltd-KREF 2018-FL1 C	1	4,770,000	4,773,194

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

		Replication (Syr	thetic Asset) Tra	neactions	Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of C I	Jurrent Statemen		of the Real	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Oper		or the nepi		Instrument(s) Held		
· ·	_	Ü	·		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*CG4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		55.000.000	9.838.702	16.469.359	10/06/2014	10/06/2034	Interest Rate Swap		6.559.289	55819B-AN-0	Madison Park Funding XVI-MDPK 2015- 18A BR	4	9.838.702	9,910,070
3/029"004	Evergreen Basket of Long Fixed Rate	I		9,000,702	10,409,339	10/00/2014	. 10/06/2034	Tillerest hate swap			JJO IBD-AN-U	Barings CLO Ltd 2018-I-SERIES 18-1A	I	9,000,702	9,910,070
57629*CG4	ABS Bank Loans and Corp Bonds 1	1		20,100,000	19,710,221	10/06/2014	10/06/2034	Interest Rate Swap			06760G-AB-7 .	CLASS A2	1	20,100,000	19,710,221
57629*CG4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			20.100.000	00 070 404	10 (00 (0011	10/06/2034				77341D-AA-5	Rockford Tower CLO 2017ROCKT 2017-3A A		20,100,000	00 070 404
3/029^004	Evergreen Basket of Long Fixed Rate	I		20, 100,000	20,0/8,131	10/06/2014	. 10/06/2034	Interest Rate Swap			//34 ID-AA-0	SENECA PARK CLO LTD-SPARK 2014-1A	I	20, 100,000	20,078,131
57629*CG4	ABS Bank Loans and Corp Bonds 1	1		5,000,000	5,003,545	10/06/2014	10/06/2034	Interest Rate Swap			817176-AS-9 _	CR	1	5,000,000	5,003,545
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		100.000.000	39.639.492	57.991.494	10/06/2014	10/06/2044	Interest Rate Swap		10 150 510	28108R-AA-0	EdLinc Student Loan Fund-ESLFT 2017-A A			39,832,984
3/629^UHZ	Evergreen Basket of Long Fixed Rate	I				10/06/2014	. 10/06/2044	Interest Hate Swap		18, 138, 310	28 IU8H-AA-U	MORGAN STANLEY CAPITAL I-SERIES	I		
57629*CH2	ABS Bank Loans and Corp Bonds 1	1		5,780,384	5,689,112	10/06/2014	10/06/2044	Interest Rate Swap			61744C-NB-8	2005-HE2 CLASS M1	1	5,780,384	5,689,112
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		4.900.000	4 000 405	10/06/2014	10/06/2044	Interest Rate Swap			12481K-AC-2	CBAM 2017-2 LTD-SERIES 17-2A CLASS		4.900.000	4,890,195
3/029°UHZ	Evergreen Basket of Long Fixed Rate	I		4,900,000	4,890,195	10/00/2014	. 10/00/2044	interest hate Swap			1248 IN-AU-2	SYMPHONY CLO LTD-SERIES 13-12A	T		4,890,195
57629*CH2	ABS Bank Loans and Corp Bonds 1	1		2,950,000	2,947,793	10/06/2014	10/06/2044	Interest Rate Swap			13080B-AD-3 _	CLASS CR	1	2,950,000	2,947,793
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			20.000.000	19.878.640	10/06/2014	10/06/2044	Interest Rate Swap			94950G-AC-1	WELLFLEET CLO LTD-WELF 2017-1A A2		20,000,000	19,878,640
3/029°UHZ	Evergreen Basket of Long Fixed Rate	l		20,000,000	19,878,040	10/06/2014	. 10/06/2044	Interest Hate Swap			94900G-AC-1	Magnetite VIII Ltd-MAGNE 2014-8A		20,000,000	19,878,040
57629*CH2	ABS Bank Loans and Corp Bonds 1	1		15,000,000	14,786,115	10/06/2014	10/06/2044	Interest Rate Swap			55952Y-AR-8	BR2	1	15,000,000	14,786,115
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			4.400.000	4.346.320	10/06/2014	10/06/2044	Interest Rate Swap			88434H-AE-3	THL Credit Wind River 20-SERIES 18- 2A CLASS A2		4,400,000	4,346,320
3/029°UHZ	Evergreen Basket of Long Fixed Rate	l		4,400,000	4,340,320	10/06/2014	. 10/06/2044	Interest Hate Swap			88434N-AE-3	TICP CLO X LTD-SERIES 18-10A CLASS		4,400,000	4,340,320
57629*CH2	ABS Bank Loans and Corp Bonds 1	1		3,600,000	3,498,437	10/06/2014	. 10/06/2044	Interest Rate Swap			87249C-AE-1	C	1	3,600,000	3,498,437
57629*CH2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			3.700.000	3.699.723	10/06/2014	10/06/2044	Interest Rate Swap			04009G-AE-7	ARES L CLO Ltd-SERIES 19-53A CLASS		3.700.000	3.699.723
3/029°UHZ	Evergreen Basket of Long Fixed Rate	l		3,700,000	3,099,723	10/06/2014	. 10/06/2044	Interest Hate Swap			04009G-AE-7	Anchorage Capital CLO 9 -SERIES 16-			3,099,723
57629*CH2	ABS Bank Loans and Corp Bonds 1	1		5,000,000	5,000,000	10/06/2014	10/06/2044	Interest Rate Swap			03328W-AL-2	9A CLASS BR	1	5,000,000	5,000,000
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	)	175.000.000	60.000.000	89.908.838	10/10/2014	10/10/2044	Interest Rate Swap		20, 124, 638	G7332#-AD-5	RRPF Engine Leasing Ltd Senior Secured	1	60,000,000	60,784,200
	Evergreen Basket of Long Fixed Rate			,,		10/ 10/ 2014		Titterest hate onap		23, 124,000		occur eu			
57629*CJ8	ABS Bank Loans and Corp Bonds 2	2		27,559,648	27,965,870	10/10/2014	. 10/10/2044	Interest Rate Swap			629394-AA-5	. NTC CAPITAL I-UNSECURED BOND CULLEN/FROST CAP TR II-SUBORDINATED	2	27,559,648	27,965,870
57629*CJ8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	)		21.063.949	20.983.557	10/10/2014	10/10/2044	Interest Rate Swap			230000-AB-7 _	NOTE	2	21,063,949	20,983,557
	Evergreen Basket of Long Fixed Rate			, .,	,,			·				BLUEMOUNTAIN CLO LTD-SERIES 2015-1A	_		
57629*CJ8	ABS Bank Loans and Corp Bonds 2 Evergreen Basket of Long Fixed Rate	2		20,500,000	20,492,702	10/10/2014	. 10/10/2044	Interest Rate Swap			09627X-AW-1 _	CLASS A2RCHENANGO PARK CLO LTD-SERIES 18-1A	1	20,500,000	20,492,702
57629*CJ8	ABS Bank Loans and Corp Bonds 2	2		16,200,000	15,854,956	10/10/2014	10/10/2044	Interest Rate Swap			16409T-AC-3	CLASS A1B	1	16,200,000	15,854,956
5700040 10	Evergreen Basket of Long Fixed Rate			40 400 000	40,000,007	10 /10 /00 / 1	10 (10 (00 11				070540 10 0	Taconic Park CLO Ltd 201-SERIES		40, 400, 000	40,000,007
57629*CJ8	ABS Bank Loans and Corp Bonds 2 Evergreen Basket of Long Fixed Rate	2		16,100,000	16,099,807	10/10/2014	10/10/2044	Interest Rate Swap			873549-AC-3	. 2016-1A CLASS A2	1	16,100,000	16,099,807
57629*CJ8	ABS Bank Loans and Corp Bonds 2	2		7,000,000	6,960,870	10/10/2014	10/10/2044	Interest Rate Swap			39862E-AB-0	CLASS B	1		6,960,870
57629*CJ8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			3,555,179	3.521.884	10/10/2014	10/10/2044	Interest Rate Swap			26251B-AN-6	Dryden XXVIII Senior Loa-DRSLF 2013-28A A2LR			3,521,884
3/029"030	Evergreen Basket of Long Fixed Rate	<u> </u>				10/ 10/ 20 14	. 10/10/2044	Tillerest hate swap			2023 ID-AIV-0	SLMA 2005-9 STUDENT LN-BKD NT CL B	I		
57629*CJ8	ABS Bank Loans and Corp Bonds 2	2		5,683,189	6,215,681	10/10/2014	10/10/2044	Interest Rate Swap			78442G-RC-2		1	5,683,189	6,215,681
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	125.000.000	80.000.000	100.466.176	11/04/2014	11/04/2044	Interest Rate Swap		20 794 656	87271L-AJ-1	TIAA CLO I Ltd-TIA 2016-1A AR	1	80,000,000	79,671,520
	Evergreen Basket of Long Fixed Rate	•	120,000,000	, ,	, ,					20,737,000	-	Madison Park Funding XXX-MDPK 2018-	•		
57629*CK5	ABS Bank Loans and Corp Bonds	1	-	20,000,000	19,807,900	11/04/2014	11/04/2044	Interest Rate Swap			55819D-AE-6	31A A2A	1	20,000,000	19,807,900
57629*CK5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		35.000.000	34.871.340	11/04/2014	11/04/2044	Interest Rate Swap			22616T-AA-4	Crestline Denali CLO XVI-DEN17 2018-1A A	1	35.000.000	34,871,340
	Evergreen Basket of Long Fixed Rate			,				·			-	Barings Middle Market CL-BMM 2018-	_	,	
57629*CL3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	125,000,000	110,000,000	125,510,314	11/04/2014	11/04/2044	Interest Rate Swap		20,819,728	06761N-AE-5 _	Benefit Street Partners -SERIES 18-	2	110,000,000	104,690,586
57629*CL3	ABS Bank Loans and Corp Bonds 1	1		22,445,000	22,284,249	11/04/2014	11/04/2044	Interest Rate Swap			08181J-AA-0 .	5BA CLASS A1A	1	22,445,000	22,284,249
57000401 O	Evergreen Basket of Long Fixed Rate						11 (01 (001)				40050D DU -	14/D 01 0 40 1 1 1 14/D 40 DD0	_		
57629*CL3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	-	1,000,000	993 , 419	11/04/2014	11/04/2044	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1	1,000,000	993,419
57629*CM1	ABS Bank Loans and Corp Bonds 1	1	125,000,000	34,529,446	55,775,764	11/04/2014	11/04/2044	Interest Rate Swap		21,020,309	50188G-AT-0 .	LCM XVIII LP-LCM 18A A1R	1		34,755,455
E7000+0114	Evergreen Basket of Long Fixed Rate			45 004 454	4E 747 070	11 /04 /0014	11 (04 (0044	Internal Data Corre			4000CD 40 7	Kingsland Ltd-SERIES 18-8A CLASS A		45 004 454	4E 747 070
57629*CM1	ABS Bank Loans and Corp Bonds1	l		45,984,154	45,747,276	11/04/2014	11/04/2044	Interest Rate Swap			42086P-AC-7		I	45,984,154	45,747,276

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

		Replication (Syn	thetic Asset) Tra	ansactions	riepiicatii	on (Oynthell	u noodij ild	nsactions Open as of C	uneni Statemeni		of the Repli	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(s) Open		T THE PROPERTY.		Instrument(s) Held		
	-	NAIC Designation or	·	Book/Adjusted	Ü	,		9	10 Book/Adjusted	11	12	13	14 NAIC Designation or	15 Book/Adjusted	16
Number	Description  Evergreen Basket of Long Fixed Rate	Other Description	Notional Amount	Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Carrying Value	Fair Value	CUSIP	Description  GOLUB CAPITAL PARTNERS C-SERIES 13-	Other Description	Carrying Value	Fair Value
57629*CM1	. ABS Bank Loans and Corp Bonds 1	1		30,000,000	30,001,500	11/04/2014	11/04/2044	Interest Rate Swap			38172X-AG-4	16A CLASS A1R	1	30,000,000	30,001,500
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1,200,000	1, 192, 103	11/04/2014	11/04/2044	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1	1,200,000	1, 192, 103
	Evergreen Basket of Long Fixed Rate	'						·				ANCHORAGE CAPITAL CLO 1ANCHC	· · · · · · · · · · · · · · · · · · ·		
57629*CM1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		15,208,330	15,315,415	11/04/2014	11/04/2044	Interest Rate Swap			03328Y-AA-2	2018-1RA A1ORANGE GROVE ENERGY. L.P DELAYED	1		15,315,415
57629*CN9	ABS Bank Loans and Corp Bonds 1	1	125,000,000	14,049,162	34,507,788	11/04/2014	11/04/2044	Interest Rate Swap		21,045,381	G6776M-ZZ-9	DRAW TE	2	14,049,162	13,462,407
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		3,319,467	3, 195, 967	11/04/2014	11/04/2044	Interest Rate Swap			247358-BB-9	EAIV Delta MSN 15153	1	3,319,467	3, 195, 967
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			3,642,851	3.503.876	11/04/2014	11/04/2044	Interest Rate Swap			247358-DD-3	EAIV Delta MSN 15161	4	3.642.851	3.503.876
5/629*UN9	Evergreen Basket of Long Fixed Rate	·		3,042,851	3,303,876	11/04/2014	11/04/2044	Interest Hate Swap			24/308-00-3	EATV Delta Mon 10101		3,042,831	3,303,876
57629*CN9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		3,328,507	3,205,812	11/04/2014	11/04/2044	Interest Rate Swap			247358-PP-3	Delta Air Lines Inc MSN 15147	1		3,205,812
57629*CN9	ABS Bank Loans and Corp Bonds 1	1		3,328,639	3, 169, 374	11/04/2014	11/04/2044	Interest Rate Swap			247358-RR-7	EAIV 2017 Delta MSN 15146	1	3,328,639	3,169,374
57629*CN9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		3,642,851	3.503.876	11/04/2014	11/04/2044	Interest Rate Swap			247358-RW-6	EAIV Delta MSN 15162	1	3,642,851	3,503,876
	Evergreen Basket of Long Fixed Rate				, , , ,										
57629*CN9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		20,500,000	20,524,846	11/04/2014	11/04/2044	Interest Rate Swap			01750F-AA-4	Allegro CLO Ltd-ALLEG 2019-1A A	1	20,500,000	20,524,846
57629*CN9	ABS Bank Loans and Corp Bonds 1	1		17,400,000	17,414,024	11/04/2014	11/04/2044	Interest Rate Swap			12482N-AA-9	CBAM Ltd-CBAM 2019-10A A1ASymphony CLO XXI Ltd-SYMP 2019-21A	1	17,400,000	17,414,024
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		8,500,000	8,499,805	11/04/2014	11/04/2044	Interest Rate Swap			87166R-AE-7	B	1		8,499,805
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		26.700.000	26.685.395	11/04/2014	11/04/2044	Interest Rate Swap			29108Q-AY-8	EMERSON PARK CLO LTD-SERIES 13-1A .	4	26,700,000	26,685,395
	Evergreen Basket of Long Fixed Rate	I		, ,	, ,,,,,			·					I		
57629*CN9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		22,500,000	23,008,500	11/04/2014	11/04/2044	Interest Rate Swap			G1093*-AA-7	BIF II SAFE HARBOR HOLDINGS LLC ATRIUM CDO CORP-SERIES 9A CLASS AR	2	22,500,000	23,008,500
57629*CP4	. ABS Bank Loans and Corp Bonds 1	1	125,000,000	48,000,000	69, 126, 887	11/04/2014	11/04/2044	Interest Rate Swap		21,120,599	04964K-AL-5		1	48,000,000	48,006,288
57629*CP4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		28,500,000	28,280,294	11/04/2014	11/04/2044	Interest Rate Swap			05682V-AA-3	BAIN CAPITAL CREDIT CLO -SERIES 18- 2A CLASS A1	1	28,500,000	28,280,294
570001004	Evergreen Basket of Long Fixed Rate							·			13345*-AA-5		_		
57629*CP4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		55,362,304	55,670,517	11/04/2014	11/04/2044	Interest Rate Swap			13345^-AA-5	CAMERON LNG CONSTRUCTION FA JFIN CLO LTD-SERIES 14-2A CLASS		55,362,304	55,670,517
57629*CQ2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	125,000,000	58, 129, 634	79,412,469	11/04/2014	11/04/2044	Interest Rate Swap		21,271,035	46617N-AQ-0	A1AR	1	58, 129, 634	58,141,434
57629*CQ2	ABS Bank Loans and Corp Bonds 1	1		37,400,000	37,400,000	11/04/2014	11/04/2044	Interest Rate Swap			74992*-AB-1		2	37,400,000	37,400,000
57629*002	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		10,490,000	10.420.577	11/04/2014	11/04/2044	Interest Rate Swap			40437L-AG-7	HPS Loan Management 13-2-HLM 13A-18	1	10,490,000	10,420,577
	Evergreen Basket of Long Fixed Rate				, , ,-							HPS Loan Management 9-20-HLM 9A-			
57629*CQ2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		10,000,000	9,846,730	11/04/2014	11/04/2044	Interest Rate Swap			40436Q-AL-6	2016 A1BR	1	10,000,000	9,846,730
57629*CQ2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		6,375,000	6,356,391	11/04/2014	11/04/2044	Interest Rate Swap			04622A-AC-1	Assurant CLO IV LTD	1	6,375,000	6,356,391
57629*CQ2	ABS Bank Loans and Corp Bonds 1	1		3,500,000	3,499,612	11/04/2014	11/04/2044	Interest Rate Swap			12482N-AG-6	CBAM 2019-10 Ltd	1	3,500,000	3,499,612
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1	125.000.000	16.600.000	37.408.203	11/04/2014	11/04/2044	Interest Rate Swap		21.245.962	92915P-AK-1	Voya CLO 2014-1 Ltd-INGIM 2014-1A ABR2	1	16,600,000	16, 162, 241
	Evergreen Basket of Long Fixed Rate	I	125,000,000	, ,	, , ,			·		21,243,902		AVERY POINT IV CLO LTD-SERIES 14-1A	I		
57629*CR0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	<b>}</b>	13,660,000	13,674,083	11/04/2014	11/04/2044	Interest Rate Swap			05363U-AW-3	CLASS CR ATRIUM CDO CORP-SERIES 9A CLASS CR	1	13,660,000	13,674,083
57629*CR0	. ABS Bank Loans and Corp Bonds 1	1		13,660,000	13,659,481	11/04/2014	11/04/2044	Interest Rate Swap			04964K-AS-0		1	13,660,000	13,659,481
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		13,000,000	12,654,057	11/04/2014	11/04/2044	Interest Rate Swap			G7332#-AH-6	RRPF Engine Leasing Ltd Senior Secured	1	13,000,000	12,654,057
57629*CR0	Evergreen Basket of Long Fixed Rate			.,							04941Y-AJ-8	Atlas Senior Loan Fund X-ATCLO 2018-11A B	4	, ,	9.851.040
	BBS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	I		10,000,000	9,851,040	11/04/2014	11/04/2044	Interest Rate Swap				Anchorage Capital CLO 9 -SERIES 16-	1	10,000,000	,
57629*CR0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	125,000,000	17,000,000	16,999,983	11/04/2014	11/04/2044	Interest Rate Swap			03328W-AJ-7	9A CLASS AR	1	17,000,000	16,999,983
57629*CR0	ABS Bank Loans and Corp Bonds 1	1		12,500,000	12,499,575	11/04/2014	11/04/2044	Interest Rate Swap			26252N-AE-9	72A B	1	12,500,000	12,499,575
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		20.000.000	19 999 900	11/04/2014	11/04/2044	Interest Rate Swap			12550Y-AC-8	CIFC FUNDING LTD-CIFC 2017-2A A	1	20.000.000	19,999,900
31 OEO UIO	_ proo barn Loans and our p bonds	<u> </u>	h	20,000,000	, 300, 300	11/07/2017	11/04/2044	mitorout mate omap			120001 NO 0	011 0 1 010 1110 EID 011 0 2011 ZA A			

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra		1		1				of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		Instrument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9  Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
Hamber	Evergreen Basket of Long Fixed Rate	Description	7 tillount	Value	i ali valuc	Date	Date	Description	value	i ali value	00011	Wellfleet CLO 2018-3 Ltd-SERIES 18-	Description	value	i ali value
57629*CR0	ABS Bank Loans and Corp Bonds 1				7,473,668	11/04/2014	11/04/2044	Interest Rate Swap			94951D-AJ-2	3A CLASS A2	1	7,500,000	7,473,668
	Evergreen Basket of Long Fixed Rate														
57629*CR0	ABS Bank Loans and Corp Bonds 1			1,798,340	1,819,402	11/04/2014	11/04/2044	Interest Rate Swap			664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE MADISON PARK FUNDING LTD-SERIES	2	1,798,340	1,819,402
57629*CS8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		125,000,000	12,740,000	34,043,267	11/04/2014	11/04/2044	Interest Rate Swap		21 296 107	55818X-AY-9	2015-16A CLASS A2R	1	12,740,000	12,747,160
	Evergreen Basket of Long Fixed Rate		120,000,000	12,7 10,000	31,010,20			The section of the se		21,200,101	0001011110	2010 1011 02100 1211		12,7 10,000	
57629*CS8	ABS Bank Loans and Corp Bonds 1			7,100,000	7,099,581	11/04/2014	11/04/2044	Interest Rate Swap			03767V-AD-0 _	Apidos CLO-APID 2019-31A B	1	7,100,000	7,099,581
57629*CS8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4.400.000	4.399.661	11/04/2014	11/04/2044	Interest Rate Swap			67576P-AE-7	Octagon Investment Partn-SERIES 19- 3A CLASS B1	1	4,400,000	4,399,661
3/029 030	Evergreen Basket of Long Fixed Rate			4,400,000		11/04/2014	11/04/2044	interest nate Swap			O/S/OF-AL-/	ON CENSS DI	I	4,400,000	4,055,001
57629*CS8	ABS Bank Loans and Corp Bonds 1			12,240,000	12,225,496	11/04/2014	11/04/2044	Interest Rate Swap			03766G-AE-2 _	APIDOS CLO-SERIES 17-26A CLASS A2 .	1	12,240,000	12,225,496
57629*CS8	Evergreen Basket of Long Fixed Rate			11.980.000	11.945.809	11 /04 /0014	11 /04 /0044	Internal Data Core			149420-AE-1	CATSKILL PARK CLO LTDSERIES 17-1A		11 000 000	11 04E 000
3/029~638	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,980,000	11,940,809	11/04/2014	11/04/2044	Interest Rate Swap			14942U-AE-1	THL Credit Wind River 20-SERIES 18-	I	11,980,000	11,945,809
57629*CS8	ABS Bank Loans and Corp Bonds 1			5,000,000	4,939,000	11/04/2014	11/04/2044	Interest Rate Swap			88434H-AE-3	2A CLASS A2	1	5,000,000	4,939,000
	Evergreen Basket of Long Fixed Rate											KKR FINANCIAL CLO LTD-SERIES 9			
57629*CS8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			21, 100,000	21,074,786	11/04/2014	11/04/2044	Interest Rate Swap			48250L-AL-3	CLASS AR Denali Capital Clo XII L-DEN12	1	21,100,000	21,074,786
57629*CS8	ABS Bank Loans and Corp Bonds 1			23, 100, 000	22.863.941	11/04/2014	11/04/2044	Interest Rate Swap			24824T-AQ-3	2016-1A A1R	1	23,100,000	22,863,941
	Evergreen Basket of Long Fixed Rate							•				Highbridge Loan Manageme-SERIES			
57629*CS8	ABS Bank Loans and Corp Bonds 1			10,250,000	10,035,785	11/04/2014	11/04/2044	Interest Rate Swap			44330Q-AB-7	12A-18 CLASS A1BHIGHBRIDGE LOAN MANAGEME-HLM 11A-17	1	10,250,000	10,035,785
57629*CS8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			18, 100, 000	18.100.561	11/04/2014	11/04/2044	Interest Rate Swap			40436V-AA-9	HIGHBRIDGE LUAN MANAGEME-HLM IIA-I/	1	18,100,000	18, 100, 561
07020 000	Evergreen Basket of Long Fixed Rate			10, 100,000	10, 100,001	11/04/2014	117 047 2044	Thereof have onap			101001 101 0		'		10, 100,001
57629*CX7	ABS Bank Loans and Corp Bonds 1		150,000,000	33,386,109	49,700,937	12/16/2014	12/16/2044	Interest Rate Swap		15,646,473	39808C-A@-4	GRIDIRON FDG LLC Term Facility	1	33,386,109	34,054,464
57629*CX7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			27, 178, 615	24 070 612	12/16/2014	12/16/2044	Interest Rate Swap			66704J-CB-2	NORTHSTAR EDUCATION FINA-SERIES 07- 1 CLASS B	1	27,178,615	24,970,612
3/029 GA7	Evergreen Basket of Long Fixed Rate			27, 170,013	24,970,012	12/ 10/ 20 14	12/ 10/ 2044	interest nate Swap			007040-00-2	I CENSO D	1	27,170,013	24,970,012
57629*CX7	ABS Bank Loans and Corp Bonds 1			17,327,480	17,401,525	12/16/2014	12/16/2044	Interest Rate Swap			55955A-AA-4	. Magnetite XX Ltd-MAGNE 2018-20A A .	1	17,327,480	17,401,525
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			20.000.000	19.958.520	12/16/2014	12/16/2044	Interest Rate Swap			03331J-AA-0	Anchorage Capital CLO Lt-ANCHC 2018-10A A1A	4	20,000,000	19,958,520
3/029"GA7	Evergreen Basket of Long Fixed Rate			20,000,000	19,936,320	12/ 10/ 20 14	12/ 10/ 2044	Tillerest hate Swap			U3331J-AA-U	Barings CLO Ltd 2018-II-SERIES	1	20,000,000	19,930,320
57629*CX7	ABS Bank Loans and Corp Bonds 1	l		16,200,000	15,799,082	12/16/2014	12/16/2044	Interest Rate Swap			06760J-AE-5	2018-2A CLAS A1B	1	16,200,000	15,799,082
57629*CX7	Evergreen Basket of Long Fixed Rate			0.700.000	0.000 540	40 (40 (0044	40 (40 (0044				06760B-AC-6	BABSON CLO LTD-SERIES 17-1A CLASS		0.700.000	0 000 540
5/629^UX/	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			6,700,000		12/16/2014	12/16/2044	Interest Rate Swap			U6/6UB-AC-6 .	. A2	I	6,700,000	6,600,512
57629*CX7	ABS Bank Loans and Corp Bonds 1	l <u></u>		4,960,000	4,950,968	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AE-2	25A CLASS B	1	4,960,000	4,950,968
57000±0V7	Evergreen Basket of Long Fixed Rate			0.575.000	0.500.050	10 /10 /00 11	10 (10 (00 11				0047011 10 4	Benefit Street Partners -BSP 2017-		0 575 000	0 500 050
57629*CX7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,575,000	2,509,059	12/16/2014	12/16/2044	Interest Rate Swap			08179H-AC-4	12A B	1	2,575,000	2,509,059
57629*CX7	ABS Bank Loans and Corp Bonds 1	<u></u>		10,000,000	9,976,590	12/16/2014	12/16/2044	Interest Rate Swap			79410U-AQ-4	A-2-R	1	10,000,000	9,976,590
	Evergreen Basket of Long Fixed Rate														
57629*CX7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,475,000	4,474,159	12/16/2014	12/16/2044	Interest Rate Swap			033291-AC-9	ANCHC 2019-13A B Benefit Street Partners -BSP 2015-	1	4,475,000	4,474,159
57629*CX7	ABS Bank Loans and Corp Bonds 1	l		6,425,000	6,289,593	12/16/2014	12/16/2044	Interest Rate Swap			08180X-AQ-5	8A A1BR	1	6,425,000	6,289,593
	Evergreen Basket of Long Fixed Rate			, , ,	, ,,,,,										
57629*CX7	ABS Bank Loans and Corp Bonds 1			6,000,000	5,999,994	12/16/2014	12/16/2044	Interest Rate Swap			08182B-AE-8 .	Benefit Street Partners CLO L	1	6,000,000	5,999,994
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		150,000,000	24.662.500	40.344.549	12/16/2014	12/16/2044	Interest Rate Swap		15.344.549	144577-TT-0	Carrix, Inc. Senior Term Loa	2	24,662,500	25,000,000
07020 010	Evergreen Basket of Long Fixed Rate		100,000,000	, ,		12/ 10/ 20 14	12/ 10/ 2044	Thereof hate onap				MADISON PARK FUNDING LTD-SERIES 17-		£4,002,000	20,000,000
57629*CT6	ABS Bank Loans and Corp Bonds 1			14,470,000	14,461,564	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AC-6	25A CLASS A2	1	14,470,000	14,461,564
57629*CT6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			34.965.285	3/ 713 0/6	12/16/2014	12/16/2044	Interest Rate Swap			04941Y-AC-3	Atlas Senior Loan Fund X-SERIES 18- 11A CLASS A1L	1	34,965,285	34,713,945
3/029 0/0	Evergreen Basket of Long Fixed Rate				4,7 ان ,440 ان ,440	12/ 10/ 20 14	12/10/2044	miorest nate swap			043411-MU-3	VIBRANT CLO IV LTD-SR SECD NT CL B	1		4,7 ان,40
57629*CT6	ABS Bank Loans and Corp Bonds 1			6,335,066	6,284,961	12/16/2014	12/16/2044	Interest Rate Swap			92557W-AE-3	144A	1	6,335,066	6,284,961
E7000+0T0	Evergreen Basket of Long Fixed Rate			65.000.000	04 704 005	10/10/0014	10/10/0044	Internal Data Core			04004W 40 4	ASSURANT CLO III LTD-SERIES 2018-2A		CE 000 000	04 704 005
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate					12/16/2014	12/16/2044	Interest Rate Swap			04624W-AC-1	CLASS A	I	65,000,000	64,724,205
57629*CT6	ABS Bank Loans and Corp Bonds 1			9,448,926	9,389,297	12/16/2014	12/16/2044	Interest Rate Swap			48252W-AC-7	KKR CLO LTD 22-SERIES 22A CLASS B .	1	9,448,926	9,389,297
	Evergreen Basket of Long Fixed Rate			, ,										, ,	
57629*CT6	ABS Bank Loans and Corp Bonds 1			7,000,000	6,999,937	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AN-4	BABSON CLO LTD-BABSN 2014-IA BR	1	7,000,000	6,999,937

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra								of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		Instrument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	10 Book/Adjusted Carrying Value	11 Fair Value	12 CUSIP	13 Description	14 NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	16 Fair Value
	Evergreen Basket of Long Fixed Rate											Babson CLO Ltd 2015-I-BABSN 2015-IA			
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		2,045,000	2,013,499	12/16/2014	12/16/2044	Interest Rate Swap			056162-AQ-3	Palmer Square CLO 2018-1-PLMRS	1	2,045,000	2,013,499
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		3,900,000	3,736,914	12/16/2014	12/16/2044	Interest Rate Swap			69703P-AE-9	2018-1A B	1	3,900,000	3,736,914
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	250,000,000	36,000,000	63,625,218	12/16/2014	12/16/2044	Interest Rate Swap		26,228,418	39808C-AA-3	Gridiron Fdg LLC Sr Secd Nt	2	36,000,000	37,396,800
57629*CW9	ABS Bank Loans and Corp Bonds 1	l		25,900,000	25,365,942	12/16/2014	12/16/2044	Interest Rate Swap			14307P-AE-5	Carlyle Global Market St-SERIES C17A CLASS A1BR	1	25,900,000	25,365,942
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		23,500,000	23,499,507	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AL-8	BABSON CLO LTD-BABSN 2014-IA A2R	1	23,500,000	23,499,507
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	ı		23,100,000	23,077,085	12/16/2014	12/16/2044	Interest Rate Swap			83610K-AA-1	SOUND POINT CLO LTD-SERIES 2017-2A CLASS A	1	23,100,000	23,077,085
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			12.750.000			12/16/2044	Interest Rate Swap			50184K-AU-2	LCM LTD PARTNERSHIP-SERIES 13A CLASS BR	1	12,750,000	12,736,549
	Evergreen Basket of Long Fixed Rate			, , ,								321 HENDERSON RECEIVABLE-SERIES 05-			
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		12,712,534	12,682,370	12/16/2014	12/16/2044	Interest Rate Swap			88576P-AE-3	1A CLASS A1		12,712,534	12,682,370
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		13,793,052			12/16/2044	Interest Rate Swap			92917A-AA-4	VOYA 2018-1A A1 MERCER FIELD CLO LP-MERCL 2017-1A	1	13,793,052	13,877,542
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	-	20,000,000	19,920,180	12/16/2014	12/16/2044	Interest Rate Swap			58806P-AC-2	A2 NeInet Student Loan Trus-NSLT 2018-	1	20,000,000	19,920,180
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	-	11,500,000	11,370,592	12/16/2014	12/16/2044	Interest Rate Swap			64034B-AB-7	5A B	1	11,500,000	11,370,592
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		22,493,047	22,332,825	12/16/2014	12/16/2044	Interest Rate Swap			94949J-AA-3	2A A1BOWMAN PARK CLO LTD-BOWPK 2014-1A	1	22,493,047	22,332,825
57629*CW9	ABS Bank Loans and Corp Bonds 1	l		5,950,000	5,950,065	12/16/2014	12/16/2044	Interest Rate Swap			10302V-BG-9	CR	1	5,950,000	5,950,065
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	I		8,495,886	8,489,052	12/16/2014	12/16/2044	Interest Rate Swap			03328Q-AN-1	ANCHORAGE CAPITAL CLO LT-SERIES 2015-6A CLASS AR	1	8,495,886	8,489,052
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l <u></u>		9,643,926	9,651,439	12/16/2014	12/16/2044	Interest Rate Swap			817176-AL-4	SENECA PARK CLO LTD-SPARK 2014-1A AR	1	9,643,926	9,651,439
57629*CW9	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	l		13,500,000	13,431,933	12/16/2014	12/16/2044	Interest Rate Swap			38136F-AG-8	GoldentTree Loan Managem-GLM 2017- 1A B1	1	13,500,000	13,431,933
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		11, 100,000	10.970.130	12/16/2014	12/16/2044	Interest Rate Swap			12481Q-AE-5	Cbam 2018-5 Ltd-SERIES 18-5A CLASS B1	1	11,100,000	10,970,130
57629*CU3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	250,000,000			12/16/2014	12/16/2044	Interest Rate Swap		25 272 323	57542Z-A0-7	MASSMUTUAL ASSET FIN LLC SR SECD REV NT	4	328,073,426	336,487,990
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		200,000,000	, ,			12/16/2044	Interest Rate Swap			03328Q-AN-1	ANCHORAGE CAPITAL CLO LT-SERIES 2015-6A CLASS AR	1	16,891,820	16,878,233
	Evergreen Basket of Long Fixed Rate		200,000,000	, , ,	,,.					19,013,292		Wellfleet CLO Ltd-SERIES 18-1A			
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,000,000		12/16/2014	12/16/2044	Interest Rate Swap			94950J-AC-5	CLASS B	1	5,000,000	4,935,705
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	-	6,780,000		12/16/2014	12/16/2044	Interest Rate Swap			33882G-AB-4	FLATIRON CLO LTD-FLAT 2017-1A B GALLATIN CLO LTD-SERIES 17-1A CLASS	1	6,780,000	6,703,000
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,750,000	9,731,524	12/16/2014	12/16/2044	Interest Rate Swap			36361U-AC-4	BOHA Credit Funding 1 LTD-SERIES 18-	1	9,750,000	9,731,524
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	١		10,400,000	10,270,114	12/16/2014	12/16/2044	Interest Rate Swap			67115W-AE-0	1A CLASS A2	1	10,400,000	10,270,114
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		21,696,510	21,699,854	12/16/2014	12/16/2044	Interest Rate Swap			26245R-AA-8	BENEFIT STREET PARTNERS -SERIES	1	21,696,510	21,699,854
57629*CV1	ABS Bank Loans and Corp Bonds 1	l <u></u>		9,675,000	9,665,412	12/16/2014	12/16/2044	Interest Rate Swap			08179H-AA-8	2017-12A CLASS A1	1	9,675,000	9,665,412
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		8,500,000	8,426,518	12/16/2014	12/16/2044	Interest Rate Swap			78109Q-AE-8	RR 2 LTD-SERIES 17-2A CLASS A2	1	8,500,000	8,426,518
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		17,120,000	17,129,450	12/16/2014	12/16/2044	Interest Rate Swap			674000-AN-4	OAKTREE CLO LTD-SERIES 14-1A CLASS A1R	1	17,120,000	17,129,450
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		19,075,000	18,916,678	12/16/2014	12/16/2044	Interest Rate Swap			14315J-NN-5	Carlyle US CLO 2013-3 Re Term Loan	1	19,075,000	18,916,678
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	l		21,385,513	21.368.873	12/16/2014	12/16/2044	Interest Rate Swap			74982L-AN-0	RACEP 2013-8A	1	21,385,513	21,368,873
57629*CV1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	·		56,000,000		12/16/2014	12/16/2044	Interest Rate Swap			57542Z-A0-7	MASSMUTUAL ASSET FIN LLC SR SECD	4	56,000,000	57,436,311
	Evergreen Basket of Long Fixed Rate			6.400.000	, , ,			·			00900L-AH-7	AIMCO CLO Series 2015-A-SERIES 15- AA CLASS BR	<del> </del>		
57629*CV1	ABS Bank Loans and Corp Bonds 1	·	·	£	6,3/2,883	12/16/2014	12/16/2044	Interest Rate Swap			UU9UUL-AH-/	MA CLASS BK	I	6,400,000	6,372,883

		D " " (0 )			Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement						
	2	Replication (Synt	thetic Asset) Ira			7		Danis ation I			of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8	Derivative in	nstrument(s) Open		10		Instrument(s) Held	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
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		125.000.000	4.965.201	6.648.510	02/05/2015	02/05/2045	Interest Rate Swap		1.696.670	12551J-AG-1	CIFC Funding 2017-IV Ltd-SERIES 17- 4A CLASS B	4	4,965,201	4,951,840
5/629°C15	Evergreen Basket of Long Fixed Rate		125,000,000	4,900,201		02/05/2015	02/05/2045	Interest Hate Swap		1,090,070	1200 IJ-AG-1	44 CLASS B	I	4,900,201	4,951,840
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,020,000	9,995,651	02/05/2015	02/05/2045	Interest Rate Swap			92912V-AS-4	. VOYA CLO LTD-VOYA 2014-2A BR MANUF & TRADERS TRUST CO-	1	10,020,000	9,995,651
57629*CY5	ABS Bank Loans and Corp Bonds 1			10,511,343	10,471,871	02/05/2015	02/05/2045	Interest Rate Swap			564759-QB-7	SUBORDINATED NOTE	1	10,511,343	10,471,871
57000+01/5	Evergreen Basket of Long Fixed Rate			40 500 000	10 100 501	00 (05 (0045	00 (05 (00 45				07000 15 0	TCI-CENT CLO 2016-1 LTDSERIES 17-		10 500 000	40, 400, 504
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,500,000	13,460,594	02/05/2015	02/05/2045	Interest Rate Swap			87806L-AE-6	. 1A CLASS A2BABSON CLO LTD-SERIES 17-1A CLASS	1	13,500,000	13,460,594
57629*CY5	. ABS Bank Loans and Corp Bonds 1			13,500,000	13,383,158	02/05/2015	02/05/2045	Interest Rate Swap			06760B-AE-2	B1	1	13,500,000	13,383,158
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			9,600,000	9 485 569	02/05/2015	02/05/2045	Interest Rate Swap			63941R-AC-4	NAVSL 2019-2A B	1	9,600,000	9,485,569
0/020 0/0	Evergreen Basket of Long Fixed Rate			2,000,000	, 400,000	02/ 00/ 20 10	02/ 00/ 2040	The ost hate suap			0004111 710 4	HIGHBRIDGE LOAN MANAGEME-SERIES	'	5,000,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
57629*CY5	. ABS Bank Loans and Corp Bonds 1			12,700,000	12,590,043	02/05/2015	02/05/2045	Interest Rate Swap			40436X-AE-7	2014 CLAS A2R	1	12,700,000	12,590,043
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			11.200.000	11 201 142	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	11,201,142
3/029 013	Evergreen Basket of Long Fixed Rate			11,200,000	11,201,142	02/03/2013	02/03/2043	Tillerest hate swap			03002Q-AC-0	BlueMountain CLO 2015-3 -BLUEM	1	11,200,000	11,201,142
57629*CY5	ABS Bank Loans and Corp Bonds 1			13,900,000	13,723,025	02/05/2015	02/05/2045	Interest Rate Swap			09628J-AN-1	2015-3A A2R	1	13,900,000	13,723,025
F7000±0\/F	Evergreen Basket of Long Fixed Rate			44 000 000	11.299.785	00 (05 (0045	00 (05 (00 45				053633-AH-6	AVERY POINT CLO LTD-SERIES 13-3A CLASS B1R		44 000 000	44 000 705
57629*CY5	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,300,000	11,299,785	02/05/2015	02/05/2045	Interest Rate Swap			U53633-AH-6	CLASS BIR	I	11,300,000	11,299,785
57629*CY5	ABS Bank Loans and Corp Bonds 1			6,745,702	6,875,664	02/05/2015	02/05/2045	Interest Rate Swap			00287Y-AL-3	. AbbVie Inc-SENIOR UNSECURED NOTE	2	6,745,702	6,875,664
	Evergreen Basket of Long Fixed Rate											Madison Park Funding Ltd-SERIES 18-			
57629*CY5	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,400,000	7,263,159	02/05/2015	02/05/2045	Interest Rate Swap			55821T-AC-1	30A CLASS BTrvon Park CLO Ltd-TPCLO 2013-1A	1	7,400,000	7,263,159
57629*CY5	. ABS Bank Loans and Corp Bonds 1			1,085,000	1 069 449	02/05/2015	02/05/2045	Interest Rate Swap			89852T-AN-8	A1.IR	1	1,085,000	1.069.449
	Evergreen Basket of Long Fixed Rate							· ·							,
57629*CZ2	ABS Bank Loans and Corp Bonds 1		125,000,000	5,280,000	6,771,033	02/05/2015	02/05/2045	Interest Rate Swap		1,491,022	00900C-AE-4	AIMCO-AIMCO 2017-AA C	1	5,280,000	5,280,011
57629*CZ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			10.834.285	10.838.781	02/05/2015	02/05/2045	Interest Rate Swap			053633-AG-8	AVERY POINT CLO LTD-SERIES 13-3A CLASS AR	1	10,834,285	10,838,781
37029 022	Evergreen Basket of Long Fixed Rate			10,004,200	10,000,701	02/03/2013	02/03/2043	Titlerest hate swap			033033-AU-0	AVERY POINT IV CLO LTD-SERIES 14-1A	1	10,034,203	10,000,701
57629*CZ2	ABS Bank Loans and Corp Bonds 1			32, 100,000	32,099,230	02/05/2015	02/05/2045	Interest Rate Swap			05363U-AU-7	CLASS BR	1	32,100,000	32,099,230
57629*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			24,912,526	24,666,468	02/05/2015	02/05/2045	Interest Rate Swap			66704J-AY-4	NORTHSTAR EDUCATION FINA-SERIES 2004-1 CLASS B1		04 040 500	24,666,468
5/629°622	Evergreen Basket of Long Fixed Rate			24,912,520	24,000,408	02/05/2015	02/05/2045	Interest Hate Swap			00/U4J-A1-4	Regatta Fundinng LtdREG11 2018-1A		24,912,526	24,000,408
57629*CZ2	ABS Bank Loans and Corp Bonds 1			27,000,000	26,710,047	02/05/2015	02/05/2045	Interest Rate Swap			75887X-AA-5	. A	1	27,000,000	26,710,047
570004070	Evergreen Basket of Long Fixed Rate			44 000 000	44 700 000	00 (05 (0045	00 (05 (00 45					ICG US CLO 2018-1 LTD-SERIES 2018-		44 000 000	44 700 000
57629*CZ2	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,900,000	11,782,333	02/05/2015	02/05/2045	Interest Rate Swap			449258-AA-0	1A CLASS A1ACTAVIS FUNDING SCS-SENIOR	1	11,900,000	11,782,333
57629*CZ2	ABS Bank Loans and Corp Bonds 1			5,266,898	5,467,643	02/05/2015	02/05/2045	Interest Rate Swap			00507U-AS-0	UNSECURED NOTE	2	5,266,898	5,467,643
	Evergreen Basket of Long Fixed Rate											Neuberger Berman CLO Ltd-NEUB 2018-			
57629*CZ2	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,000,000	9,966,960	02/05/2015	02/05/2045	Interest Rate Swap			64132M-AC-2	30A A2	1	10,000,000	9,966,960
57629*CZ2	ABS Bank Loans and Corp Bonds 1			11,200,000	11.087.406	02/05/2015	02/05/2045	Interest Rate Swap			17181T-AC-5	4A CLASS A2	1	11,200,000	11.087.406
	Evergreen Basket of Long Fixed Rate			, ,	, ,							Carlyle US CLO 2015-1 Ri Term Loan			, ,
57629*DA6	ABS Bank Loans and Corp Bonds 1		125,000,000	24,425,000	26,102,399	02/05/2015	02/05/2045	Interest Rate Swap		1,674,956	14315J-TT-6	Madisan Dada Famadisan VIIV MODIC 2044	1	24,425,000	24,427,443
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			15,000,000	14 898 045	02/05/2015	02/05/2045	Interest Rate Swap			55818R-BA-3	Madison Park Funding XIV-MDPK 2014- 14A BRR	1	15,000,000	14,898,045
	Evergreen Basket of Long Fixed Rate							· ·				Atlas Senior Loan Fund X-ATCLO	•		
57629*DA6	ABS Bank Loans and Corp Bonds 1			11,600,000	11,389,193	02/05/2015	02/05/2045	Interest Rate Swap			04942J-AE-1	2018-10A B	1	11,600,000	11,389,193
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			18.090.000	18.089.656	02/05/2015	02/05/2045	Interest Rate Swap			77340E-AC-0	ROCKFORD TOWER CLO LTD-ROCKT 2017-	1	18,090,000	18,089,656
	Evergreen Basket of Long Fixed Rate			10,090,000	10,009,000	02/03/2013	02/00/2040	ייינטי שטני חמנט טיימף				NEUBERGER BERMAN CLO LTD-NEUB 2013-	1	10,090,000	10,009,000
57629*DA6	ABS Bank Loans and Corp Bonds 1			5,730,000	5,713,973	02/05/2015	02/05/2045	Interest Rate Swap			64129J-AU-4	_ 14A B1R	1	5,730,000	5,713,973
57000±040	Evergreen Basket of Long Fixed Rate			05 000 000	05 077 507	00 (05 (0045	00 (05 (0045				040401/ 40 0	ARES XLVII CLO Ltd-SERIES 18-47A		05 000 000	05 077 507
57629*DA6	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			25,900,000	25,277,597	02/05/2015	02/05/2045	Interest Rate Swap			04016V-AC-9	CLASS A2	1	25,900,000	25,277,597
57629*DA6	ABS Bank Loans and Corp Bonds 1			4,300,000	4,302,077	02/05/2015	02/05/2045	Interest Rate Swap			87248T-AE-5	TICP CLO LTD-SERIES 2017 CLASS 7A	1	4,300,000	4,302,077
570004D46	Evergreen Basket of Long Fixed Rate					00 (05 (05 : 5	00 (05 (05 :5	l				OCP CLO 2017-14 Ltd-SERIES 17-14A			
57629*DA6	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,400,000	11, 159, 551	02/05/2015	02/05/2045	Interest Rate Swap			67097Q-AE-5	CLASS A2Benefit Street Partners -SERIES 18-	1	11,400,000	11, 159, 551
57629*DA6	ABS Bank Loans and Corp Bonds 1			13,400,000	13,017,658	02/05/2015	02/05/2045	Interest Rate Swap			08179L-AC-5	14A CLASS A2	1	13,400,000	13,017,658
					, , , , , , , , , , , , , , , , ,										

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

		Replication (Syn	thetic Asset) Tra	nsactions	rieplicati	on (Syntheti	c Asset) IId	nsactions Open as of Cu I	uneni Sialemeni		of the Reni	ication (Synthetic Asset) Transa	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(s) Open		J. the riepi		Instrument(s) Held		
	_	<u> </u>			Š	· ·		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*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5.000.000	4,935,705	02/05/2015	02/05/2045	Interest Rate Swap			94950J-AC-5	Wellfleet CLO Ltd-SERIES 18-1A CLASS B	1	5,000,000	4,935,705
37023 DAG	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		02/03/2013	02/03/2043	Interest hate onap				Carlyle Global Market St-SERIES 18-	·		
57629*DA6	ABS Bank Loans and Corp Bonds 1	l		7,000,000	6,986,434	02/05/2015	02/05/2045	Interest Rate Swap			14315R-AE-1	4A CLASS A2	1	7,000,000	6,986,434
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3,100,000	0 404 000	02/05/2015	02/05/2045	Interest Rate Swap			04943A-AG-4	ATLAS SENIOR LOAN FUND L-SERIES 17- 8A CLASS C	4	3,100,000	3, 101, 283
3/029°DA0	Evergreen Basket of Long Fixed Rate					02/05/2015	02/05/2045	Interest Hate Swap			U4943A-AG-4	BAIN CAPITAL CREDIT CLO -SERIES	I		
57629*DB4	ABS Bank Loans and Corp Bonds 1		125,000,000	45,000,000	46,253,582	02/05/2015	02/05/2045	Interest Rate Swap		1,342,997	05683H-AC-9	2017-2A CLASS AR	1	45,000,000	44,910,585
570004004	Evergreen Basket of Long Fixed Rate			7 005 000	7 077 700	00 105 100 15	00 (05 (00 (5				550541/ 10 0	MAGNETITE CLO LTD-SERIES 17-19A		7 005 000	7 077 700
57629*DB4	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,325,000		02/05/2015	02/05/2045	Interest Rate Swap			55954K-AC-9	. CLASS B	1	7,325,000	7,277,783
57629*DB4	ABS Bank Loans and Corp Bonds 1			7,200,000	7, 157, 988	02/05/2015	02/05/2045	Interest Rate Swap			92915Q-AG-8	A2	1		7, 157, 988
	Evergreen Basket of Long Fixed Rate											HPS Loan Management 9-20-HLM 9A-			
57629*DB4	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			12,750,000	12,667,406	02/05/2015	02/05/2045	Interest Rate Swap			40436Q-AN-2	. 2016 A2R	1	12,750,000	12,667,406
57629*DB4	ABS Bank Loans and Corp Bonds 1	l		25,000,000	24,895,250	02/05/2015	02/05/2045	Interest Rate Swap			87249Q-AA-8	TICP CLO Ltd-TICP 2018-11A A	1	25,000,000	24,895,250
	Evergreen Basket of Long Fixed Rate							·				Babson CLO Ltd 2013-I-SERIES 2013-			
57629*DB4	ABS Bank Loans and Corp Bonds 1		ļ	14,401,325	14,363,665	02/05/2015	02/05/2045	Interest Rate Swap			06760E-AA-4	IA CLASS AR	1	14,401,325	14,363,665
57629*DB4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			21,130,342	24,733,382	02/05/2015	02/05/2045	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE	1	21, 130, 342	24,733,382
37023 004	Evergreen Basket of Long Fixed Rate			21,100,042	24,700,002	02/03/2013	02/03/2043	Interest hate owap			2402011 AA 0	CITATOR OLIVIOR GROEGILD NOTE	'		24,700,002
57629*DK4	ABS Bank Loans and Corp Bonds 1	l	125,000,000	391,457	10,701,564	12/05/2016	12/05/2046	Interest Rate Swap		10,303,391	MXP001-TT-1	. AEROVIAS DE MEXICO SA USD TERM LN .	1	391,457	398, 173
E70004DI/4	Evergreen Basket of Long Fixed Rate			40, 400, 005	40 707 707	10 (05 (0010	40 (05 (0040				704405 40 5	SMB PRIVATE ED LN TR 201-SMB		40, 400, 005	40 707 707
57629*DK4	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			19,430,395	19,797,707	12/05/2016	12/05/2046	Interest Rate Swap			78449F-AC-5	PRIVATE ED LN TR 2016-A NT	1	19,430,395	19,797,707
57629*DK4	ABS Bank Loans and Corp Bonds 1	l		22,420,000	23,094,212	12/05/2016	12/05/2046	Interest Rate Swap			63940F-AC-1	2 CLASS A3	1	22,420,000	23,094,212
	Evergreen Basket of Long Fixed Rate											ECMC GROUP STUDENT LOAN -SERIES			
57629*DK4	ABS Bank Loans and Corp Bonds 1			10,338,827	10,441,695	12/05/2016	12/05/2046	Interest Rate Swap			26827X-AA-1	. 2016-1A CLASS A	1	10,338,827	10,441,695
57629*DK4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			23.500.000	23,487,005	12/05/2016	12/05/2046	Interest Rate Swap			04941T-AS-9	7A CLASS A1R	1	23,500,000	23,487,005
	Evergreen Basket of Long Fixed Rate				20,407,000	12/ 00/ 2010 11111		Interest hate onup						20,000,000	
57629*DK4	ABS Bank Loans and Corp Bonds 1			11,500,000	11,429,770	12/05/2016	12/05/2046	Interest Rate Swap			92916M-AB-7	VOYA CLO LTD-VOYA 2017-1A A2	1	11,500,000	11,429,770
57629*DK4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			10,000,000	9,861,880	12/05/2016	12/05/2046	Interest Rate Swap			67109Y-AN-4	Oak Hill Credit Partners-SERIES 15- 12A CLASS A2R	4	10,000,000	9,861,880
3/029"DN4	Evergreen Basket of Long Fixed Rate			10,000,000		12/03/2010	12/03/2040	Interest hate Swap			07 1091-AN-4	STEELE CREEK CLO LTD-SERIES 15-1A	I	10,000,000	
57629*DK4	ABS Bank Loans and Corp Bonds 1			4,330,000	4,329,818	12/05/2016	12/05/2046	Interest Rate Swap			85816B-CS-7	CLASS CR	1	4,330,000	4,329,818
57000±01/4	Evergreen Basket of Long Fixed Rate			4 000 000	4 000 000	10 (05 (00 10	10 (05 (00 10				004007 411 0	Benefit Street Partners -BSP 2015-		4 000 000	4 000 000
57629*DK4	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		4,200,000	4,038,699	12/05/2016	12/05/2046	Interest Rate Swap			08180X-AU-6	BA BRCRESTLINE DENALI CLO XV -SERIES 17-	I	4,200,000	4,038,699
57629*DK4	ABS Bank Loans and Corp Bonds 1			4,380,000	4,340,497	12/05/2016	12/05/2046	Interest Rate Swap			22616C-AE-3	TA CLASS C	1	4,380,000	4,340,497
	Evergreen Basket of Long Fixed Rate			, ,				·							
57629*DK4	ABS Bank Loans and Corp Bonds 1		<b> </b>	10,000,000	9,879,720	12/05/2016	12/05/2046	Interest Rate Swap			04965L-AE-8	ATRIUM XIV LLC-ATRM 14A A2A	1	10,000,000	9,879,720
57629*DK4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,000,000	5.000.000	12/05/2016	12/05/2046	Interest Rate Swap			03328W-AL-2	Anchorage Capital CLO 9 -SERIES 16- 9A CLASS BR	1	5,000,000	5,000,000
	Evergreen Basket of Long Fixed Rate			,	,,								•	, ,	, ,
57629*DJ7	ABS Bank Loans and Corp Bonds 1		125,000,000	10,922,590	21,439,990	12/05/2016	12/05/2046	Interest Rate Swap		10,329,990	MXP001-TT-1	AEROVIAS DE MEXICO SA USD TERM LN .	1	10,922,590	11,110,000
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			11,669,596	11.747.561	12/05/2016	12/05/2046	Interest Rate Swap			78442G-PQ-3	SLM STUDENT LOAN TRUST-SERIES 2005- 5 CLASS A4	1	11,669,596	11,747,561
01020 001	Evergreen Basket of Long Fixed Rate			1,009,390	11,747,301	12/ 03/ 20 10	12/03/2040	ministrationals and			10442U-FU-3	O ULHOU NY	1		11,141,301
57629*DJ7	ABS Bank Loans and Corp Bonds 1	l	ļ	372,911	371, 169	12/05/2016	12/05/2046	Interest Rate Swap			64034N-AB-1	NSLT 2019-2A B	1	372,911	371,169
57000+D 17	Evergreen Basket of Long Fixed Rate			0.054.004	0.040.000	10 /05 /0010	10 (05 (0040	Internal Date Co.			040040 00 4	NELNET STUDENT LOAN TRUS-SERIES	1	0.054.004	0.040.000
57629*DJ7	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			8,651,364		12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BR-1	. 2005-1 CLASS A5	I	8,651,364	8,649,063
57629*DJ7	ABS Bank Loans and Corp Bonds 1			11,952,223	12, 102, 628	12/05/2016	12/05/2046	Interest Rate Swap			78448Q-AD-0	A3	1	11,952,223	12,102,628
	Evergreen Basket of Long Fixed Rate										L	SLM STUDENT LN TR 2006-2 LN BKD NT			
57629*DJ7	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,015,278	10,359,559	12/05/2016	12/05/2046	Interest Rate Swap			78442G-RX-6	. CL A-6SLM STUDENT LOAN TRUST-SERIES 2002-	1	10,015,278	10,359,559
57629*DJ7	ABS Bank Loans and Corp Bonds	l		4.242.922	4.349.714	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EX-0	7CLASS A11	1	4,242,922	4,349,714
	Evergreen Basket of Long Fixed Rate			, ,								BRAZOS HIGHER EDUCATION -SER 2006-2		, ,	
57629*DJ7	ABS Bank Loans and Corp Bonds 1			9,769,638	9,837,507	12/05/2016	12/05/2046	Interest Rate Swap			10620N-AX-6	STUDENT LN REV NT	1	9,769,638	9,837,507
57629*DJ7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7,188,427	7 207 041	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BX-8	NELNET STUDENT LOAN TRUS-SERIES 2005-2 CLASS A5	1	7,188,427	7,227,841
JI 028"DJI	ואס שמוא בעמוז מווע Corp Bonds I		<b></b>		1 ,221 ,841	12/00/2010	12/00/2040	I IIII EI EST MATE SWAP			0400 IQ-BX-8	KUUJ-Z ULMOO MU	I		ا 54 , 221 , 1

					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra		1						of the Repl	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		Instrument(s) Open				Instrument(s) Held	1	T
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*DJ7	Evergreen Basket of Long Fixed Rate			9.851.803	10.026.616	12/05/2016	12/05/2046	Interest Rate Swap			83715R-AF-9	SOUTH CAROLINA STUDENT L-SERIES 14- 1 CLASS A2		9.851.803	40 000 040
5/629^DJ/	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,851,803	10,026,616	12/05/2016	12/05/2046	Interest Hate Swap			837 ISH-AF-9	ACCESS GROUP INC-SERIES 2003-A	I	9,851,803	10,026,616
57629*DJ7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,775,871	1,773,340	12/05/2016	12/05/2046	Interest Rate Swap			00432C-AV-3	CLASS A3	1	1,775,871	1,773,340
57629*DJ7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,000,000	4,999,820	12/05/2016	12/05/2046	Interest Rate Swap			88322U-AN-9	THACHER PARK CLO-THRPK 2014-1A CR . Regatta Fundinng LtdREG11 2018-1A	1	5,000,000	4,999,820
57629*DJ7	ABS Bank Loans and Corp Bonds 1			13,000,000	12,836,616	12/05/2016	12/05/2046	Interest Rate Swap			75887X-AC-1	В	1	13,000,000	12,836,616
57629*DJ7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4,626,289	4,626,289	12/05/2016	12/05/2046	Interest Rate Swap			77277L-A7-2	ROCKALL CLO BV Variable Funding Note- USD	1	4,626,289	4,626,289
57629*DJ7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4,300,000	4,302,503	12/05/2016	12/05/2046	Interest Rate Swap			92558A-AA-8	VIBRANT CLO LTD-SERIES 2016-5A CLASS A	1	4,300,000	4,302,503
57629*DJ7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1				7, 163, 406	12/05/2016	12/05/2046	Interest Rate Swap			12551R-AC-2	CIFC Funding 2018-I Ltd-SERIES 18- 1A CLASS B	1	7,350,000	7, 163, 406
57629*DJ7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			5,000,000	4,939,000	12/05/2016	12/05/2046	Interest Rate Swap			88434H-AE-3	THL Credit Wind River 20-SERIES 18- 2A CLASS A2	1	5,000,000	4,939,000
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		125,000,000	16,259,765	26,520,290	12/05/2016	12/05/2046	Interest Rate Swap		9,981,540	MXP001-TT-1	AEROVIAS DE MEXICO SA USD TERM LN .	1	16,259,765	16,538,750
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			65,300,000	67, 174, 828	12/05/2016	12/05/2046	Interest Rate Swap			63940L-AC-8	NAVIENT STUDENT LOAN TRU-SERIES 2016-6A CLASS A3	1	65,300,000	67, 174, 828
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			23, 163, 717	23,730,601	12/05/2016	12/05/2046	Interest Rate Swap			61205P-AL-3	MONTANA HIGHER EDUCATION-SERIES 12- 1 CLASS A3	1	23, 163, 717	23,730,601
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			10,000,000	9,879,720	12/05/2016	12/05/2046	Interest Rate Swap			04965L-AE-8	ATRIUM XIV LLC-ATRM 14A A2A	1	10,000,000	9,879,720
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1				900,871	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EW-2	SLM STUDENT LOAN TRUST-SERIES 2002- 7 CLASS A10	1		900,871
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1,827,588	1,845,231	12/05/2016	12/05/2046	Interest Rate Swap			429827-AK-4	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A10	1	1,827,588	1,845,231
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1, 196, 137	1,246,244	12/05/2016	12/05/2046	Interest Rate Swap			429827-AP-3	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A14	1	1, 196, 137	1,246,244
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1,115,282	1, 145, 412	12/05/2016	12/05/2046	Interest Rate Swap			429827-AB-4	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A2	1	1, 115, 282	1, 145, 412
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1,867,398	1,867,171	12/05/2016	12/05/2046	Interest Rate Swap			83715A-AJ-8	SOUTH CAROLINA STUDENT L-SR UNSECURED	1	1,867,398	1,867,171
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1,672,756	1,735,691	12/05/2016	12/05/2046	Interest Rate Swap			784427-AF-3	SLC STUDENT LN TR 2006-1 ASSET BK NT CL A-6	1	1,672,756	1,735,691
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1.708.293	1.812.241	12/05/2016	12/05/2046	Interest Rate Swap			640330-AC-3	NELNET STUDENT LOAN TRUS-SERIES 2015-2A CLASS B	1	1,708,293	1,812,241
57629*DH1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1,857,782	1,944,683	12/05/2016	12/05/2046	Interest Rate Swap			462590-JT-8	IOWA STUDENT LOAN LIQUID-SERIES 2012-1 CLASS B	1	1,857,782	1,944,683
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1,234,887		12/05/2016	12/05/2046	Interest Rate Swap			709163-GJ-2	PENNSYLVANIA ST HGR EDU -SERIES 2006 CL B	1	1,234,887	1,274,829
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			1.042.761	1.082.937	12/05/2016	12/05/2046	Interest Rate Swap			17284L-AB-0	CIT EDUCATION LOAN TRUST-SERIES 2007-1 CLASS B	1	1.042.761	1,082,937
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1,345,294	1,400,082	12/05/2016	12/05/2046	Interest Rate Swap			78448C-AH-2	SLM STUDENT LOAN TRUST-SERIES 2013- 6 CLASS B	1	1,345,294	1,400,082
57629*DH1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			3, 180,000	3,080,158	12/05/2016	12/05/2046	Interest Rate Swap			056162-AS-9	Babson CLO Ltd 2015-I-BABSN 2015-IA	1	3,180,000	3,080,158
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		125.000.000				12/05/2046	Interest Rate Swap		0 08/1 200	MXP001-TT-1	AEROVIAS DE MEXICO SA USD TERM LN _	1	13.653.238	13,887,500
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1		123,000,000	6,295,417	6,484,394	12/05/2016	12/05/2046	Interest Rate Swap		J, 304, 200	78448R-AD-8	SMB PRIVATE ED LN TR 2015-C LN BCK		6,295,417	6,484,394
57629*DG357629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			5,520,668	5,698,647	12/05/2016	12/05/2046	Interest Hate Swap			78448H-AD-8 78448P-AD-2	SMB PRIVATE ED LOAN TR 2015-A LN BACKED NT A-3	1	5,520,668	5,698,647
	Evergreen Basket of Long Fixed Rate			5,520,668		12/05/2016	12/05/2046	Interest Rate Swap			19458L-BH-2	COLLEGIATE FUNDING SERVI-SERIES 2005-B CLASS A4		4.081.604	
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			, ,	, ,							SLM STUDENT LOAN TRUST-SERIES 2011-	1	, ,	4,020,144
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,855,819			12/05/2046	Interest Rate Swap			78446D-AC-3	A CLASS A3		2,855,819	2,866,337
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,837,062	, ,	12/05/2016	12/05/2046	Interest Rate Swap			63938E-AD-6	2014-1 CLASS A4 SOUTH TX HIGHER ED AUTH REV SER 1	1	3,837,062	3,918,403
57629*DG3	ABS Bank Loans and Corp Bonds 1			16,253,388	16,519,028	12/05/2016	12/05/2046	Interest Rate Swap			840555-DA-1	CL A-3	1	16,253,388	16,519,028

·					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra		T						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
	Evergreen Basket of Long Fixed Rate	2000р	7	7 4.40	· an · raido	Date	Date	Bocompacin	Value	Tan Value	00011	ACCESS GROUP INC-SERIES 2005-B	Docomption	valao	T dii Valdo
57629*DG3	ABS Bank Loans and Corp Bonds 1			7,878,020	7,975,611	12/05/2016	12/05/2046	Interest Rate Swap			00432C-CW-9	CLASS A3	1	7,878,020	7,975,611
	Evergreen Basket of Long Fixed Rate											EDUCATIONAL FUNDING OF T-SERIES			
57629*DG3	ABS Bank Loans and Corp Bonds 1			10,039,059	11,202,056	12/05/2016	12/05/2046	Interest Rate Swap			28148W-AC-7	2011-1 CLASS B	1	10,039,059	11,202,056
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			9,352,780	0 700 732	12/05/2016	12/05/2046	Interest Rate Swap			78444C-AE-3	CLASS A5	1	9,352,780	9,790,732
	Evergreen Basket of Long Fixed Rate					12/ 00/ 2010	12/ 00/ 2040	Titter out that o onap			701110 NE 0 1.	SLM STUDENT LOAN TRUST-SERIES 2007-	'		,,700,,702
57629*DG3	ABS Bank Loans and Corp Bonds 1			8,073,956	8,520,992	12/05/2016	12/05/2046	Interest Rate Swap			78443F-AF-4	5 CLASS A6	1	8,073,956	8,520,992
E7000+D00	Evergreen Basket of Long Fixed Rate			0.700.044	0.007.040	40 (05 (0040	40 (05 (0040				004001/ 4D 0	ACADEMIC LOAN FUNDING TR-ALFT 2012- 1A A2		0.700.044	0.007.040
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			6,782,014		12/05/2016	12/05/2046	Interest Rate Swap			00400V-AB-3	IOWA STUDENT LOAN LIQUID-SERIES	I	6,782,014	6,867,218
57629*DG3	ABS Bank Loans and Corp Bonds 1			698.962	739.124	12/05/2016	12/05/2046	Interest Rate Swap			462592-AD-8	2005-1 CLASS B	1	698,962	739, 124
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 2005-		·	•
57629*DG3	ABS Bank Loans and Corp Bonds 1				8,994,807	12/05/2016	12/05/2046	Interest Rate Swap			78442G-QA-7	6 CLASS B	1	9, 167, 147	
57629*DG3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			1,664,451	1.674.093	12/05/2016	12/05/2046	Interest Rate Swap			38021F-AB-7	GOAL CAPITAL FUNDING TRU-SERIES 2015-1 CLASS B	2	1,664,451	1,674,093
37029 003	Evergreen Basket of Long Fixed Rate				1,074,093	12/03/2010	12/03/2040	Titlerest hate owap			3002 II -AD-7	EDUCATIONAL SERVICES OF -SERIES 15-	۷	1,004,431	1,074,030
57629*DG3	ABS Bank Loans and Corp Bonds 1			1,685,414	1,778,024	12/05/2016	12/05/2046	Interest Rate Swap			28138J-AB-0	2 CLASS B	1	1,685,414	1,778,024
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST 2003-4 LN			
57629*DG3	ABS Bank Loans and Corp Bonds 1			2,297,603	2,234,460	12/05/2016	12/05/2046	Interest Rate Swap			78442G-GM-2	BKD CTF CL BEDUCATIONAL SERVICES OF -2014-4	2	2,297,603	2,234,460
57629*DG3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			1,358,618	1,342,614	12/05/2016	12/05/2046	Interest Rate Swap			28090A-AB-5	SERIES B	1	1,358,618	1,342,614
37023 000	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,042,014	12/03/2010	12/03/2040	Titterest nate onap			20030A AD 3	SOCIAL PROFESSIONAL LOAN-SERIES	'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
57629*DG3	ABS Bank Loans and Corp Bonds 1			303,833	305,207	12/05/2016	12/05/2046	Interest Rate Swap			83401L-AA-2	2015-A CLASS A1	1	303,833	305,207
	Evergreen Basket of Long Fixed Rate											Apidos CLO-SERIES 18-29A CLASS A1B			
57629*DG3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate				7,044,624	12/05/2016	12/05/2046	Interest Rate Swap			03767M-AE-8 .	Greenwood Park CLO Ltd-SERIES 18-1A	1	7,200,000	7,044,624
57629*DG3	ABS Bank Loans and Corp Bonds 1			4,400,000	4.329.688	12/05/2016	12/05/2046	Interest Rate Swap			39729R-AC-2	CLASS B	1	4,400,000	4,329,688
	Evergreen Basket of Long Fixed Rate											Canyon Capital CLO Ltd-CANYC 2012-			,,
57629*DG3	ABS Bank Loans and Corp Bonds 1			5,000,000	4,955,840	12/05/2016	12/05/2046	Interest Rate Swap			13876J-AE-2	1RA B	1	5,000,000	4,955,840
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	7.547.419	16.018.286	12/06/2016	12/06/2046	Interest Rate Swap		0 CEE 174	281397-AP-4	EDUCATION LOAN ASSET-BAC-SERIES 2003-2 CLASS 2A1	1	7,547,419	7,363,112
3/629"DF3	Evergreen Basket of Long Fixed Rate		123,000,000	7	10,010,200	12/00/2010	12/00/2040	Interest hate swap			20 1397 -AF-4	2003-2 CLASS 2A1	I		
57629*DF5	ABS Bank Loans and Corp Bonds 1			11,915,553	12,120,000	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1 _	. AEROVIAS DE MEXICO SA USD TERM LN .	1	11,915,553	12, 120,000
	Evergreen Basket of Long Fixed Rate											NORTHSTAR EDUCATION FINA-NEF 2016-1			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,455,711	3,516,835	12/06/2016	12/06/2046	Interest Rate Swap			66705R-AA-7	. AEDUCATION LOAN ASSET-BAC-SERIES	1	3,455,711	3,516,835
57629*DF5	ABS Bank Loans and Corp Bonds 1			6,668,858	6.819.788	12/06/2016	12/06/2046	Interest Rate Swap			281397-AB-5	2003-1 CLASS A2	1	6.668.858	6,819,788
07020 070	Evergreen Basket of Long Fixed Rate			, ,		12/ 00/ 2010	12/00/2010	Tittorest nate onap				NELNET STUDENT LOAN TRUS-SERIES			
57629*DF5	ABS Bank Loans and Corp Bonds 1			5,382,480	5,616,831	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CK-5	2005-4 CLASS A4R1	2	5,382,480	5,616,831
57629*DF5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			4.738.338	4.948.659	12/06/2016	12/06/2046	Interest Rate Swap			78443G-AG-0	SLM STUDENT LOAN TRUST-SERIES 2006- 7 CLASS A6B	4	4,738,338	4,948,659
3/629°UF3	Evergreen Basket of Long Fixed Rate			4,730,330	4,948,009	12/06/2016	12/00/2040	Interest Hate Swap			/8443G-AG-U	BRAZOS TX HGR EDU AUTH REVENUE BOND	L	4,738,338	4,948,009
57629*DF5	ABS Bank Loans and Corp Bonds 1			4,364,949	5,013,003	12/06/2016	12/06/2046	Interest Rate Swap			106238-LJ-5		1	4,364,949	5,013,003
	Evergreen Basket of Long Fixed Rate											EDLINC STUDENT LOAN FUND-SERIES			
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,653,759	5,797,676	12/06/2016	12/06/2046	Interest Rate Swap			28108Q-AB-0 _	2012-1 CLASS BEDUCATION LOAN ASSET-BAC-SERIES	1	5,653,759	5,797,676
57629*DF5	ABS Bank Loans and Corp Bonds 1			413.850	399 543	12/06/2016	12/06/2046	Interest Rate Swap			281397-AQ-2	2003-2 CLASS 2A2	1	413,850	399,543
07020 570	Evergreen Basket of Long Fixed Rate			,		12/ 00/ 2010	12/00/2040	Theoret have onap				GOAL CAPITAL FUNDING TR 2010-1	'	·	
57629*DF5	ABS Bank Loans and Corp Bonds 1	l <u></u>		2,445,535	2,498,963	12/06/2016	12/06/2046	Interest Rate Swap			38021E-AA-2	STUDENT LN BKD NT	1	2,445,535	2,498,963
E7000+DE5	Evergreen Basket of Long Fixed Rate		1	0 505 450	4 400 740	10/00/0010	10 /00 /00 10	Internal Data Co.			040040 04 4	NELNET STUDENT LOAN TRUS-SERIES		0 505 450	4 400 740
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,585,453	4, 138, /18	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CM-1	NORTH CAROLINA STATE EDU-SERIES	۷	3,585,453	4, 138,718
57629*DF5	ABS Bank Loans and Corp Bonds 1			3,753,495	3,782,821	12/06/2016	12/06/2046	Interest Rate Swap			658262-GD-6	2011–2 CLASS A3	1	3,753,495	3,782,821
	Evergreen Basket of Long Fixed Rate			, , , , ,	,							SLM STUDENT LOAN TRUST-SERIES 2004-			
57629*DF5	ABS Bank Loans and Corp Bonds 1		ļ	1,903,542	1,983,523	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KW-5	1 CLASS A6	1	1,903,542	1,983,523
57629*DF5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			14,598,530	1/ 900 200	12/06/2016	12/06/2046	Interest Rate Swap			83149E-AG-2	SLM STUDENT LN TR 2006-5-NOTE CL B	1	14,598,530	14,892,399
31029 DE3	Evergreen Basket of Long Fixed Rate		<u> </u>	14,080,030	14,092,399	12/00/2010	12/00/2040	minimosi nate owah			00 143L-NU-Z	Dryden 64 CLO Ltd-DRSLF 2018-64A B		14,080,030	14,032,399
57629*DF5	ABS Bank Loans and Corp Bonds 1			13,900,000	13,634,037	12/06/2016	12/06/2046	Interest Rate Swap			26251L-AE-4		1	13,900,000	13,634,037
	Evergreen Basket of Long Fixed Rate							·				DRB PRIME STUDENT LOAN T-SERIES			
57629*DF5	ABS Bank Loans and Corp Bonds 1			2,579,091	2,626,422	12/06/2016	12/06/2046	Interest Rate Swap			23341K-AA-3	2015-D CLASS A1	1	2,579,091	2,626,422

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

		Replication (Syn	thetic Asset) Tra	ansactions	перисан	on (Syntheti	c Asset) ITa	nsactions Open as of Cu I	urrent Statement		of the Renl	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(s) Open		inc riepi		Instrument(s) Held		
	-	NAIC Designation or Other	Notional	Book/Adjusted Carrying	Č	Effective	Maturity	9	10  Book/Adjusted	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Carrying Value	Fair Value	CUSIP	Description	Other Description	Carrying Value	Fair Value
57629*DF5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			8.828.641	9,312,340	12/06/2016	12/06/2046	Interest Rate Swap			64031C-AB-8	NELNET STUDENT LOAN TRUS-SERIES 2012-2A CLASS B	1		9,312,340
	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 2005-	'		
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		12,895,603	12,918,498	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PS-9	5 CLASS B	1	12,895,603	12,918,498
57629*DF5	ABS Bank Loans and Corp Bonds 1	l		3,900,000	3,900,055	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BC-3	CLASS BR	1	3,900,000	3,900,055
57000±055	Evergreen Basket of Long Fixed Rate			0.000.000	7 000 044	10 (00 (00 10	10 (00 (00 10				000007 10 4	ANCHORAGE CAPITAL CLO 7 -ANCHC			7.000.044
57629*DF5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		8,000,000	7,938,344	12/06/2016	12/06/2046	Interest Rate Swap			03328T-AS-4	2015-7A B1R Tryon Park CLO Ltd-TPCLO 2013-1A	1	8,000,000	7,938,344
57629*DF5	ABS Bank Loans and Corp Bonds 1	l		3,000,000	2,957,001	12/06/2016	12/06/2046	Interest Rate Swap			89852T-AN-8	A1JR	1	3,000,000	2,957,001
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	10.922.590	20.057.788	12/06/2016	12/06/2046	Interest Rate Swap		8.947.788	MXP001-TT-1	AEROVIAS DE MEXICO SA USD TERM LN	1	10.922.590	11, 110,000
3/029 DL0	Evergreen Basket of Long Fixed Rate	·	123,000,000	10,922,390	20,037,700	12/00/2010	12/00/2040	miterest hate swap			MIAFOUT-11-1	SOUTH CAROLINA STUDENT L-SERIES	·		11, 110,000
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		9,654,078	9,778,264	12/05/2016	12/05/2046	Interest Rate Swap			83715R-AG-7	2014-1 CLASS BSLC STUDENT LOAN TRUST-SERIES 2005-	1	9,654,078	9,778,264
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		6,105,721	6,458,740	12/06/2016	12/06/2046	Interest Rate Swap			784420-AE-1	1 CLASS B	1	6,105,721	6,458,740
	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	l		5,222,517	5,383,970	12/06/2016	12/06/2046	Interest Rate Swap			78442G-QT-6	8 CLASS B	1	5,222,517	5,383,970
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		5,453,361	5,612,585	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PD-2	3 CLASS B	1	5,453,361	5,612,585
57629*DE8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1			2.464.433	2.545.118	12/06/2016	12/06/2046	Interest Rate Swap			493268-AU-0	KEYCORP STUDENT LOAN TRU-SERIES 1999-B CLASS CTFS	4	2,464,433	2,545,118
3/629~DE6	Evergreen Basket of Long Fixed Rate	l		2,404,433	∠,545,118	12/00/2010	12/00/2040	Interest Hate Swap			493208-AU-U	SLM STUDENT LOAN TRUST-SERIES 2013-	1	2,404,433	∠,545,118
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		6,672,670	6,980,446	12/06/2016	12/06/2046	Interest Rate Swap			78446C-AB-7	2 CLASS B	1	6,672,670	6,980,446
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	ı		6.955.000	6.820.933	12/06/2016	12/06/2046	Interest Rate Swap			63938E-AE-4	NAVIENT STUDENT LOAN TRU-SERIES 2014-1 CLASS B	1	6,955,000	6.820.933
	Evergreen Basket of Long Fixed Rate			, , , ,	,							NELNET STUDENT LOAN TRUS-SERIES	1		, , , , , , , , , , , , , , , , , , , ,
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,466,400	4,315,324	12/06/2016	12/06/2046	Interest Rate Swap			64031A-AJ-5	2006-3 CLASS B	1	4,466,400	4,315,324
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		6,214,159	6,837,595	12/06/2016	12/06/2046	Interest Rate Swap			63939L-AC-1	2015-3 CLASS B	1	6,214,159	6,837,595
57000±050	Evergreen Basket of Long Fixed Rate			0.540.045	0.000.470	10 (00 (00 10	10 (00 (00 10				7044711 40 0	SLM STUDENT LOAN TRUST-SERIES 2013-		0.510.015	0 000 470
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			6,516,315	6,628,1/2	12/06/2016	12/06/2046	Interest Rate Swap			78447M-AD-0	1 CLASS B	1	6,516,315	6,628,172
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		5,394,404	5,600,306	12/06/2016	12/06/2046	Interest Rate Swap			64033J-AB-1	2014-1A CLASS B	1	5,394,404	5,600,306
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3.331.992	3.388.734	12/06/2016	12/06/2046	Interest Rate Swap			194266-AE-2	COLLEGE LOAN CORPORATION-SERIES 2005-2 CLASS B	1	3,331,992	3,388,734
3/029"DE0	Evergreen Basket of Long Fixed Rate					12/00/2010	12/00/2040	interest hate swap			194200-AE-2	NELNET STUDENT LOAN TRUS-SERIES	I		
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		4,492,504	4,725,300	12/06/2016	12/06/2046	Interest Rate Swap			64033N-AB-2	2014-5A CLASS B	1	4,492,504	4,725,300
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		393.007	417 812	12/06/2016	12/06/2046	Interest Rate Swap			194262-CF-6	COLLEGE LOAN CORPORATION-SERIES 2004-1 CLASS B	1		417,812
	Evergreen Basket of Long Fixed Rate	•		,	,							SLM STUDENT LOAN TRUST-SERIES 2004			·
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		2,578,429	2,661,731	12/06/2016	12/06/2046	Interest Rate Swap			78442G-LJ-3	- 3 CLASS B NELNET STUDENT LOAN TRUS-SERIES	1	2,578,429	2,661,731
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		3,650,000	3,554,694	12/06/2016	12/06/2046	Interest Rate Swap			64032A-AB-1	2012-1A CLASS B	1	3,650,000	3,554,694
E7000+DE0	Evergreen Basket of Long Fixed Rate			0 447 005	0 077 500	10 /00 /0010	10 /06 /0046	Latanat Data Com			64032F-AH-7	NELNET STUDENT LOAN TRUS-SERIES	4	0 447 005	0.077.500
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		3, 117, 025	3,377,583	12/06/2016	12/06/2046	Interest Rate Swap			04U32F-AH-/	2007-2A CLASS A4A2 NELNET STUDENT LOAN TRUS-SERIES	1	3,117,025	3,377,583
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		3,294,237	3,334,036	12/06/2016	12/06/2046	Interest Rate Swap			64033L-AD-2	2014-2A CLASS B	1	3,294,237	3,334,036
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	ı		3.240.000	3,223,364	12/06/2016	12/06/2046	Interest Rate Swap			64033K-AB-8	NELNET STUDENT LOAN TRUS-SERIES 2014-3A CLASS B	1	3,240,000	3,223,364
	Evergreen Basket of Long Fixed Rate	٠		, ,							-				
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		14,750,000	14,555,580	12/06/2016	12/06/2046	Interest Rate Swap			03767M-AG-3	Apidos CLO-SERIES 18-29A CLASS A2 . Magnetite VIII Ltd-MAGNE 2014-8A	1	14,750,000	14,555,580
57629*DE8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		4,500,000	4,377,983	12/06/2016	12/06/2046	Interest Rate Swap			55952Y-AT-4	Magnetite VIII Ltd-MAGNE 2014-8A	1	4,500,000	4,377,983
	Evergreen Basket of Long Fixed Rate			, ,								Ares XXXVIII CLO Ltd-SERIES 15-38A		, ,	
57629*DE8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,700,000	6,582,737	12/06/2016	12/06/2046	Interest Rate Swap			04015U-AJ-7	CLASS BR	1	6,700,000	6,582,737
57629*DE8	ABS Bank Loans and Corp Bonds 1	l		3,000,000	2,980,257	12/06/2016	12/06/2046	Interest Rate Swap			48250R-BN-5	KKR CLO 12 Ltd-KKR 12 BR2	1	3,000,000	2,980,257
E7690*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		125.000.000	15,000,000	23.562.549	10/06/0016	12/06/2046	Interest Data Cur-			48251B-AL-4	KKR Clo 16 Ltd-SERIES 16 CLASS A1R	1	15 000 000	45 000 400
57629*DD0	Evergreen Basket of Long Fixed Rate	l	125,000,000	15,000,000	23,562,549	12/06/2016	12/06/2046	Interest Rate Swap			4625 IB-AL-4	Elmwood CLO II Ltd-ELMW2 2019-2A B	1	15,000,000	15,000,480
57629*DD0	ABS Bank Loans and Corp Bonds 1	l		11,300,000	11,327,041	12/05/2016	12/05/2046	Interest Rate Swap	L		29001L-AC-5		1	11,300,000	11,327,041

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

		Replication (Syn	nthetic Asset) Tra	ansactions	ricpiicati	on to yntineti	o noocij ila	nsactions Open as of Cu	anoni 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		
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
IVUITIDO	Evergreen Basket of Long Fixed Rate	Description	Annount	Value	Tall Value	Date	Date	Description	value	i ali value	00011	Description	Description	value	i ali value
57629*DD0	. ABS Bank Loans and Corp Bonds 1	1		992,963	1,010,000	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1	AEROVIAS DE MEXICO SA USD TERM LN .	1	992,963	1,010,000
F7000+DD0	Evergreen Basket of Long Fixed Rate			9.852.180	0.040.500	40 (00 (0040	40 (00 (0040				000474 44 4	V0VA 0040 44 44	_	0.050.400	0.040.500
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		9,852,180	9,912,530	12/06/2016	12/06/2046	Interest Rate Swap			92917A-AA-4	VOYA 2018-1A A1Canvon Capital CLO Ltd-CANYC 2012-	1	9,852,180	9,912,530
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		1,500,000	1,486,752	12/06/2016	12/06/2046	Interest Rate Swap			13876J-AE-2	1RA B	1	1,500,000	1,486,752
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		11,050,000	10 045 742	12/06/2016	12/06/2046	Interest Rate Swap			03331J-AJ-1	Anchorage Capital CLO Lt-ANCHC 2018-10A B	1	11,050,000	10,945,743
3/029"000	Evergreen Basket of Long Fixed Rate	·		11,030,000	10,945,745	12/00/2010	12/00/2040	IIIterest nate swap			00001J-NJ-1	Babson CLO Ltd 2015-I-BABSN 2015-IA	·		10,943,743
57629*DD0	. ABS Bank Loans and Corp Bonds 1	1		12,575,000	12,449,740	12/06/2016	12/06/2046	Interest Rate Swap			056162-AN-0	AR	1	12,575,000	12,449,740
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		10,000,000	9.871.280	12/06/2016	12/06/2046	Interest Rate Swap			83609Y-AE-6	Sounds Point CLO IV-R LT-SERIES 13- 3RA CLASS B	1	10.000.000	9.871.280
37023 000	Evergreen Basket of Long Fixed Rate	'		10,000,000	3,071,200	12/00/2010	12/00/2040					SLM STUDENT LOAN TRUST-SERIES 2013-	'	10,000,000	
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		3,200,000	3,213,944	12/06/2016	12/06/2046	Interest Rate Swap			78448A-AD-5	4 CLASS BACCESS GROUP INC-SERIES 2006-1	1	3,200,000	3,213,944
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1,656,928	1,820,867	12/06/2016	12/06/2046	Interest Rate Swap			00432C-DE-8	CLASS B	1	1,656,928	1,820,867
	Evergreen Basket of Long Fixed Rate							·				SLM STUDENT LOAN TRUST-SERIES 2003-			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		2, 126, 111	2, 127, 554	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KN-5	14 CLASS A6	1	2, 126, 111	2, 127, 554
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		1,612,157	1,561,750	12/06/2016	12/06/2046	Interest Rate Swap			493268-BW-5	2004-A CLASS 1B	1	1,612,157	1,561,750
	Evergreen Basket of Long Fixed Rate											HIGHER EDUCATION FUNDING-SERIES			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		606,747	647,257	12/06/2016	12/06/2046	Interest Rate Swap			429827-AR-9	. 2004-1 CLASS B1HIGHER EDUCATION FUNDING-SERIES	1	606,747	647,257
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		2,035,407	2, 166, 830	12/06/2016	12/06/2046	Interest Rate Swap			429827-AS-7	2004-1 CLASS B2	1	2,035,407	2, 166,830
E70004DD0	Evergreen Basket of Long Fixed Rate			4 050 000	0 400 700	10 (00 (0010	40 (00 (0040				64033T-AB-9	NELNET STUDENT LOAN TRUS-SERIES	_	4 050 000	0.400.700
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	-	1,956,023	2, 138, /32	12/06/2016	12/06/2046	Interest Rate Swap			640331-AB-9	2015-3A CLASS BCOLLEGIATE FUNDING SERVI-SERIES	1	1,956,023	2, 138, 732
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		1,449,350	1,422,995	12/06/2016	12/06/2046	Interest Rate Swap			19458L-BD-1	2005-A CLASS B	1	1,449,350	1,422,995
57629*DD0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			1.890.585	2.040.986	12/06/2016	12/06/2046	Interest Rate Swap			00435T-AB-7	ACCESS GROUP INC-SERIES 2015-1 CLASS B	•	1,890,585	2,040,986
3/029"000	Evergreen Basket of Long Fixed Rate	l		1,090,303	2,040,900	12/00/2010	12/00/2040	Interest hate Swap			004331-AB-7	SLM STUDENT LOAN TRUST-SERIES 2006-	I		∠,040,960
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		2,788,507	2,801,945	12/06/2016	12/06/2046	Interest Rate Swap			78442G-RY-4	2 CLASS B	1	2,788,507	2,801,945
57629*DD0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	1		3,228,294	3, 174, 093	12/06/2016	12/06/2046	Interest Rate Swap			194267-AM-2	COLLEGE LOAN CORPORATION-SERIES 2007-1 CLASS B2	1	3,228,294	3, 174,093
	Evergreen Basket of Long Fixed Rate							·				WACHOVIA STUDENT LOAN TR-SERIES	1		
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		2,284,230	2, 145, 085	12/06/2016	12/06/2046	Interest Rate Swap			92978J-AH-6	2006-1 CLASS B	1	2,284,230	2, 145,085
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		1.812.141	1.872.319	12/06/2016	12/06/2046	Interest Rate Swap			83715R-AH-5	A CLASS A	1	1,812,141	1,872,319
	Evergreen Basket of Long Fixed Rate			, ,	, ,			·				EDUCATIONAL SERVICES OF -SERIES			
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		2,493,592	2,431,425	12/06/2016	12/06/2046	Interest Rate Swap			28137T-AB-9	2014-2 CLASS BSLM STUDENT LOAN TRUST-SERIES 2006-	1	2,493,592	2,431,425
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		1,765,382	1,771,829	12/06/2016	12/06/2046	Interest Rate Swap			78443B-AK-2	10 CLASS B	1	1,765,382	1,771,829
57000±000	Evergreen Basket of Long Fixed Rate			0.000.000	0 440 400	10 (00 (00 10	10 (00 (00 10				000400 10 0	PENNSYLVANIA HIGHER EDUC-SERIES		0.000.000	0 440 400
57629*DD0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		2,392,638	2,416,492	12/06/2016	12/06/2046	Interest Rate Swap			69340Q-AB-2	2015-1A CLASS B EDUCATIONAL SERVICES OF -SERIES	1	2,392,638	2,416,492
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		2, 155, 742	2,201,877	12/06/2016	12/06/2046	Interest Rate Swap			281378-AB-5	2015-1 CLASS B	1	2, 155, 742	2,201,877
E7000+DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			975.548	1.044.157	10/00/0010	12/06/2046	Latarant Data Corre			00432C-AR-2	ACCESS GROUP-STUDENT LN REVENUE NT	•		1,044,157
57629*DD0	Evergreen Basket of Long Fixed Rate	I		9/0,048	1,044,157	12/06/2016	12/06/2046	Interest Rate Swap			004320-AH-2	NAVIENT STUDENT LOAN TRUST 2014-8	I	9/0,046	1,044,157
57629*DD0	ABS Bank Loans and Corp Bonds 1	1		7,085,616	7,075,542	12/06/2016	12/06/2046	Interest Rate Swap			63939D-AD-7	CL B	1	7,085,616	7,075,542
57629*DD0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		9.900.000	0 726 700	12/06/2016	12/06/2046	Interest Rate Swap			69688X-AU-5	Palmer Square CLO 2014-1-SERIES 2014-1A CLASS A2RR	1	9,900,000	9,726,790
31023 000	Evergreen Basket of Long Fixed Rate			,		12,00,2010	12/00/2040	mitorost nate owap				Vibrant CLO Ltd-SERIES 18-9A CLASS	1		
57629*DC2	ABS Bank Loans and Corp Bonds 1	1	125,000,000	23,500,000	31,809,218	12/06/2016	12/06/2046	Interest Rate Swap		8,567,389	92558V-AC-8	A2	1	23,500,000	23,241,829
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		10.800.000	10,742,296	12/06/2016	12/06/2046	Interest Rate Swap			94949J-AC-9	Wellfleet CLO 2018-2 Ltd-WELF 2018- 2A A2	1	10.800.000	10,742,296
	Evergreen Basket of Long Fixed Rate			, ,								ARES XXXIIR CLO LTD-SERIES 14-32RA		, ,	
57629*DC2	ABS Bank Loans and Corp Bonds 1	1	-	13,588,373	13,249,904	12/06/2016	12/06/2046	Interest Rate Swap			04017E-AE-2	CLASS A1B	1	13,588,373	13,249,904
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		8,790,000		12/06/2016	12/06/2046	Interest Rate Swap			55951P-BC-0	Magnetite VII Ltd-MAGNE 2012-7A A2R2	1	8,790,000	8,664,426
	Evergreen Basket of Long Fixed Rate							·				HIGHBRIDGE LOAN MANAGEME-HLM 11A-17			
57629*DC2	ABS Bank Loans and Corp Bonds 1	1		13,560,000	13,444,604	12/06/2016	12/06/2046	Interest Rate Swap			40436V-AB-7	В	1	13,560,000	13,444,604

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

		Replication (Syn	thetic Asset) Tra	ansactions	ricpiicatii	on (Oynuneu	o noocij ila	nsactions Open as of C I	Janoni Glalemeni		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		i the riepi		Instrument(s) Held		
	_	3			3	, ,		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*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		14.760.187	14,750,471	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PL-4	SLM STUDENT LOAN TRUST-SERIES 2005- 4 CLASS B	1	14,760,187	14,750,471
	Evergreen Basket of Long Fixed Rate												'		
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		7,985,449	8,000,112	12/06/2016	12/06/2046	Interest Rate Swap			79410U-AN-1	SBF 2016-2A A1RLCM LTD PARTNERSHIP-SERIES 25A	1	7,985,449	8,000,112
57629*DC2	ABS Bank Loans and Corp Bonds 1	1		2,500,000	2,495,220	12/06/2016	12/06/2046	Interest Rate Swap			50189P-AN-2	CLASS C2	1	2,500,000	2,495,220
	Evergreen Basket of Long Fixed Rate			, , ,								WIND RIVER CLO LTD-WINDR 2012-1A CR		, ,	
57629*DC2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		6,762,801	6,740,425	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BE-9	Northstar Education Fina-REVENUE	1	6,762,801	6,740,425
57629*DC2	ABS Bank Loans and Corp Bonds 1	1		7,523,306	7,491,353	12/06/2016	12/06/2046	Interest Rate Swap			66704J-AJ-7	BONDS	1		7,491,353
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5.000.000	4.999.995	12/06/2016	12/06/2046	Interest Rate Swap			03328W-AE-8	ANCHORAGE CAPITAL CLO LT-ANCHC 2016-9A C	1	5.000.000	4.999.995
5/629~002	Evergreen Basket of Long Fixed Rate	·		5,000,000	4,999,995	12/00/2010	12/00/2040	Interest Hate Swap			U3328W-AE-8	MADISON PARK FUNDING LTD-MDPK 2016-	·		4,999,995
57629*DC2	ABS Bank Loans and Corp Bonds 1	1		4,750,000	4,750,157	12/06/2016	12/06/2046	Interest Rate Swap			55820N-AE-1	24A C1	1	4,750,000	4,750,157
57629*DC2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		6,750,000	6,614,325	12/06/2016	12/06/2046	Interest Rate Swap			77341D-AE-7	Rockford Tower CLO 2017SERIES 17- 3A CLASS B	1	6,750,000	6,614,325
	Evergreen Basket of Inverse	•										AmerisourceBergen Corp-SENIOR			
57629*DM0	Floating Rate Corporate Bonds 1 Evergreen Basket of Inverse	1	250,000,000	21,248,854		09/15/2017	09/15/2047	Interest Rate Swap		11,610,788	03073E-AM-7	UNSECUREDBHP Billiton Finance USA-DEBENTURE	2	21,248,854	21,683,500
57629*DM0	Floating Rate Corporate Bonds 1	1		28,589,078	34,231,557	09/15/2017	09/15/2047	Interest Rate Swap			055450-AH-3	BHF BITTITOTI FITIATICE USA-DEBENTURE	1	28,589,078	34,231,557
	Evergreen Basket of Inverse														
57629*DM0	Floating Rate Corporate Bonds 1 Evergreen Basket of Inverse	1		31,151,555	32,468,759	09/15/2017	09/15/2047	Interest Rate Swap			12572Q-AG-0	CME GROUP INC-SR UNSECURED ENTERGY MISSISSIPPI INC-SECURED	1		32,468,759
57629*DM0	Floating Rate Corporate Bonds 1	1		19,646,404	20,508,843	09/15/2017	09/15/2047	Interest Rate Swap			29364N-AS-7	NOTE	1	19,646,404	20,508,843
57629*DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds			25.691.174	32.231.507	09/15/2017	09/15/2047	Interest Rate Swap			313747-AF-4	FEDERAL REALTY INVESTMEN-NOTE REID	•	25,691,174	32.231.507
5/629^DMU	Evergreen Basket of Inverse	l		25,691,1/4	32,231,507	09/15/201/	09/15/204/	Interest Hate Swap			313/4/-AF-4	GILEAD SCIENCES INC-SENIOR	I	25,691,174	32,231,507
57629*DM0	Floating Rate Corporate Bonds 1	1		20,834,479	22,022,229	09/15/2017	09/15/2047	Interest Rate Swap			375558-AW-3	UNSECURED NOTE	1	20,834,479	22,022,229
57629*DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		19.188.712	19.182.687	09/15/2017	09/15/2047	Interest Rate Swap			384780-AA-0	GRAIN SPECTRUM FUND II-SECURED NOTE	1	19, 188, 712	19, 182, 687
	Evergreen Basket of Inverse				,,		10, 10, 21					RENAISSANCERE FINANCE-SR UNSECURED	·		
57629*DM0	Floating Rate Corporate Bonds 1 Evergreen Basket of Inverse	1		28,503,875	29,575,458	09/15/2017	09/15/2047	Interest Rate Swap			75972Y-AA-9		1	28,503,875	29,575,458
57629*DM0	Floating Rate Corporate Bonds 1	1		25,007,553	26,624,256	09/15/2017	09/15/2047	Interest Rate Swap			884315-AG-7	THOMAS & BETTS CORP-NOTE	1	25,007,553	26,624,256
	Evergreen Basket of Inverse											WEST MASS ELECTRIC CO-SENIOR			
57629*DM0	Floating Rate Corporate Bonds 1 Evergreen Basket of Inverse	1		19, 108, 177	19,612,836	09/15/2017	09/15/2047	Interest Rate Swap			958587-BJ-5	UNSECURED NOTE	1	19, 108, 177	19,612,836
57629*DM0	Floating Rate Corporate Bonds 1	1		3,200,000	3,040,406	09/15/2017	09/15/2047	Interest Rate Swap			22615E-AE-0	2018-1A CLASS C	1	3,200,000	3,040,406
57629*DM0	Evergreen Basket of Inverse Floating Rate Corporate Bonds	1		8,000,000	7 770 510	09/15/2017	09/15/2047	Interest Rate Swap			67104L-AG-2	OHA Loan Funding 2013-2 -OHALF 2013-2A CR	1	8,000,000	7,770,512
3/029"DMU	Evergreen Basket of Inverse	I			7,770,312	09/13/201/	09/13/204/	IIIterest hate swap				GRIPPEN PARK CLO LTD-SERIES 17-1A	I		,7,770,312
57629*DM0	Floating Rate Corporate Bonds 1	1		7,000,000	6,960,870	09/15/2017	09/15/2047	Interest Rate Swap			39862E-AB-0	CLASS B	1		6,960,870
57629*DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds	)	250.000.000	1,476,734	13 563 429	09/15/2017	09/15/2047	Interest Rate Swap		12.018.093	031162-CJ-7	AMGEN INC-SENIOR UNSECURED	2	1,476,734	1.545.336
	Evergreen Basket of Inverse		20,000,000	, ,						2,010,000		HOST HOTELS & RESORTS LP-SENIOR			
57629*DL2	Floating Rate Corporate Bonds 2 Evergreen Basket of Inverse	2	<b> </b>	36,220,275	37,958,316	09/15/2017	09/15/2047	Interest Rate Swap			44107T-AT-3	UNSECURED NOTE	2	36,220,275	37,958,316
57629*DL2	Floating Rate Corporate Bonds 2	<u>)</u>			34,703,158	09/15/2017	09/15/2047	Interest Rate Swap			445658-CD-7	UNSECURED NOTE	2		34,703,158
	Evergreen Basket of Inverse			05 000 000			00/45/0047				4E0000 411 4	INCEDCAL DAND OF DEDENTION	0		
57629*DL2	Floating Rate Corporate Bonds 2 Evergreen Basket of Inverse	ــــــــــــــــــــــــــــــــــــــ		35,066,669	961,942, 8د	09/15/2017	09/15/2047	Interest Rate Swap			456866-AM-4	INGERSOLL-RAND CO-DEBENTURE	۷	35,066,669	38,961,942
57629*DL2	Floating Rate Corporate Bonds 2	2		42,895,406	43,397,796	09/15/2017	09/15/2047	Interest Rate Swap			664397-AK-2	EVERSOURCE ENERGY-UNSECURED NOTE	2		43,397,796
57629*DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds 2	)		32.802.959	33 104 539	09/15/2017	09/15/2047	Interest Rate Swap			760759-AP-5	Republic Services Inc-SENIOR UNSECURED NOTE	2	32,802,959	33,104,528
	Evergreen Basket of Inverse		ļ	, , , , , , , , , , , , , , , , , , , ,									-		
57629*DL2	Floating Rate Corporate Bonds 2	2		37,901,574	39,264,679	09/15/2017	09/15/2047	Interest Rate Swap			94106L-BA-6	Waste Management Inc-SR UNSECURED .	2	37,901,574	39,264,679
57629*DL2	Evergreen Basket of Inverse Floating Rate Corporate Bonds 2	2		35,823,530	37.034.095	09/15/2017	09/15/2047	Interest Rate Swap			A05830-41-6	SPARC EM SPC PANAMA METR-SECURED	2	35.823.530	37.034.095
	Evergreen Basket of Inverse														, , ,
57629*DP3	Floating Rate Corporate Bonds 2 Evergreen Basket of Inverse	2	250,000,000	23,466,114		09/15/2017	09/15/2047	Interest Rate Swap		12,235,323	00287Y-AL-3	AbbVie Inc-SENIOR UNSECURED NOTE ACTAVIS FUNDING SCS-SENIOR	2	23,466,114	23,918,209
57629*DP3	Floating Rate Corporate Bonds 2	2	L	6,471,045	6,717,686	09/15/2017	09/15/2047	Interest Rate Swap	l		00507U-AS-0	UNSECURED NOTE	2	6.471.045	6.717.686

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

		Replication (Syr	nthetic Asset) Tr	ransactions	neplicati	on (Syntheti	C ASSEL) TTA	nsactions Open as of C I	urrent Statemen		of the Repl	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(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
57629*DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2	1	6,228,364	6.560.362	09/15/2017	09/15/2047	Interest Rate Swap			195869-AP-7	COLONIAL PIPELINE CO-SR UNSECURED .	4	6,228,364	6,560,362
3/029"DF3	Evergreen Basket of Inverse	. 2				09/13/201/	09/13/204/	Interest hate Swap			193009-AF-7	DISCOVER FINANCIAL SVS-SENIOR	I		0,300,302
57629*DP3	Floating Rate Corporate Bonds	2		50, 140, 250	52,992,366	09/15/2017	09/15/2047	Interest Rate Swap			254709-AM-0	UNSECURED	2	50,140,250	52,992,366
57629*DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2			25 770 074	09/15/2017	09/15/2047	Interest Rate Swap			444859-BA-9	Humana Inc-SENIOR UNSECURED NOTE	2	25, 127, 532	25,770,074
37023 14 0	Evergreen Basket of Inverse							Titterest nate orap				MOSAIC CO/THE-SENIOR UNSECURED NOTE	<u> </u>		
57629*DP3	Floating Rate Corporate Bonds	. 2		23,482,439	23,737,827	09/15/2017	09/15/2047	Interest Rate Swap			61945C-AA-1	DULL IDO OO DADTAFDO LO OFALIOD	2	23,482,439	23,737,827
57629*DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		24,561,313	25. 122. 162	09/15/2017	09/15/2047	Interest Rate Swap			718549-AB-4	PHILLIPS 66 PARTNERS LP-SENIOR UNSECURED	2	24,561,313	25, 122, 162
	Evergreen Basket of Inverse											REALTY INCOME CORP-SENIOR UNSECURED			
57629*DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	. 2	-	26,501,036	27,231,666	09/15/2017	09/15/2047	Interest Rate Swap			756109-AN-4	NOTE REID	1	26,501,036	27,231,666
57629*DP3	Floating Rate Corporate Bonds	2			18,507,416	09/15/2017	09/15/2047	Interest Rate Swap			09247X-AJ-0	BTACKNOCK THE-SENTON UNSECONED NOTE	1	17,898,847	18,507,416
	Evergreen Basket of Inverse							l					_		
57629*DP3	Floating Rate Corporate Bonds Evergreen Basket of Inverse	. 2		27,519,384	2/,813,153	09/15/2017	09/15/2047	Interest Rate Swap			883203-BQ-3	Textron Inc-NOTE Republic Services Inc-SENIOR	2	27,519,384	27,813,153
57629*DP3	Floating Rate Corporate Bonds	2			19,734,859	09/15/2017	09/15/2047	Interest Rate Swap			760759-AP-5	UNSECURED NOTE	2	19,555,082	19,734,859
57629*DP3	Evergreen Basket of Inverse Floating Rate Corporate Bonds			8,800,000	8.669.549	09/15/2017	09/15/2047	Internat Data Core			05683L-AC-0	Bain Capital Credit CLO -BCC 2018- 1A A2	4	8,800,000	8,669,549
5/629^DP3	Evergreen Basket of Inverse	. 2			8,069,549	09/15/201/	09/15/204/	Interest Rate Swap			U5683L-AC-U	IA AZ	I	8,800,000	8,669,549
57629*DN8	Floating Rate Corporate Bonds	2	250,000,00	022,528,195	34,298,776	09/15/2017	09/15/2047	Interest Rate Swap		11,746,556	045487-AA-3	ASSOC BANC-CORP-SR UNSECURED	2	22,528,195	22,552,220
57629*DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds			21,876,476	22.536.450	09/15/2017	09/15/2047	Interest Rate Swap			378272-AL-2	GLENCORE FUNDING LLC-SR UNSECURED	0	21,876,476	22,536,450
3/029"DINO	Evergreen Basket of Inverse	. 2	-	21,070,470	22,550,450	09/13/201/	09/13/204/	interest hate Swap			3/02/2-AL-2	GLENCORE FORDING LLC-SR UNSECORED	2	21,070,470	22,330,430
57629*DN8	Floating Rate Corporate Bonds	. 2		22,883,200	23,660,395	09/15/2017	09/15/2047	Interest Rate Swap			45167R-AF-1	IDEX Corp-SENIOR UNSECURED NOTE	2	22,883,200	23,660,395
57629*DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2		22.094.164	22 300 646	09/15/2017	09/15/2047	Interest Rate Swap			49245P-AA-4	KERRY GROUP FIN SERVICES-SENIOR UNSECURED NOTE	2	22.094.164	22,300,646
	Evergreen Basket of Inverse			, , ,	, ,							O'REILLY AUTOMOTIVE INC-SENIOR			
57629*DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	. 2		21, 136, 040	21,721,703	09/15/2017	09/15/2047	Interest Rate Swap			67103H-AF-4	UNSECUREDPLUM CREEK TIMBERLANDS-SENIOR	2	21, 136,040	21,721,703
57629*DN8	Floating Rate Corporate Bonds	2		16,010,205	16.447.655	09/15/2017	09/15/2047	Interest Rate Swap			72925P-AD-7	UNSECURED NOTE	2	16,010,205	16,447,655
	Evergreen Basket of Inverse							·				Reinsurance Group of Ame-SENIOR			
57629*DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	. 2	-	25,068,611	25, 131, 891	09/15/2017	09/15/2047	Interest Rate Swap			759351-AG-4	UNSECURED NOTESCHLUMBERGER HLDGS CORP-SR	2	25,068,611	25, 131,891
57629*DN8	Floating Rate Corporate Bonds	2		25,867,387	27,375,551	09/15/2017	09/15/2047	Interest Rate Swap			806851-AG-6	UNSECURED	2	25,867,387	27,375,551
57000±010	Evergreen Basket of Inverse			00 740 504	00 000 400	00 (45 (0047	00 (45 (00 47	l			0000011 10 0	WPP FINANCE 2010-SENIOR UNSECURED	•	00 740 504	00 000 100
57629*DN8	Floating Rate Corporate Bonds Evergreen Basket of Inverse	. 2	-	22,710,591	23,998,428	09/15/2017	09/15/2047	Interest Rate Swap			92936M-AB-3	NOTE WYNDHAM WORLDWIDE CORP-SENIOR	2	22,710,591	23,998,428
57629*DN8	Floating Rate Corporate Bonds	2		21,854,467	21, 189, 324	09/15/2017	09/15/2047	Interest Rate Swap			98310W-AL-2	UNSECURED NOTE	3	21,854,467	21, 189, 324
57629*DN8	Evergreen Basket of Inverse Floating Rate Corporate Bonds	2			20 171 500	09/15/2017	09/15/2047	Interest Rate Swap			756250-AD-1	Reckitt Benckiser Treasu-SENIOR UNSECURED	1	19.086.632	20, 171,500
3/029 DNO	Evergreen Basket of Inverse		-	, ,	20, 17 1, 300	09/13/201/	09/13/204/	Tillerest hate Swap				ISRAEL ELECTRIC CORP LTD-SECURED		, ,	, ,
57629*DN8	Floating Rate Corporate Bonds	. 2		21,048,729	22,680,000		09/15/2047	Interest Rate Swap		440 504	EK5851-40-8	NOTE	2	21,048,729	22,680,000
Awaiting PPN Awaiting PPN	Sovereign Bond of Peru	1Z	5,000,00			12/20/2018 12/20/2018	06/20/2024	5 Yr Credit Default Swap 5 Yr Credit Default Swap	60,996	113,584	912810-RP-5 912833-LL-2	US TREAS N/B-NOTE	1	10,824,280 16,553,644	10,942,188 18,756,250
Awaiting PPN	Sovereign Bond of Mexico	17	5.000.00			12/20/2018	06/20/2024	5 Yr Credit Default Swap	(220,421)		912835-LL-2 912810-RV-2	US TREASURY N/B-UNSECURED	1	19,988,298	21,931,250
Awaiting PPN	Sovereign Bond of Brazil	17	5,000,00		32,779,472		06/20/2024	5 Yr Credit Default Swap	(142,575)		912810-RV-2	US TREASURY N/B-UNSECURED	1	29,982,447	32,896,875
Awaiting PPN	Sovereign Bond of Columbia	1Z	30,000,00		34, 111, 170		06/20/2024	5 Yr Credit Default Swap	(231,759)		912810-RV-2	US TREASURY N/B-UNSECURED	1	30,981,862	33,993,438
Awaiting PPN	Sovereign Bond of India	1Z	40,000,00		38,544,764		06/20/2024	5 Yr Credit Default Swap	(98, 196)		912810-RV-2	US TREASURY N/B-UNSECURED	1	34,979,522	38,379,688
Awaiting PPN	Sovereign Bond of India	1Z		14,875,837	16,052,343	12/20/2018	06/20/2024	5 Yr Credit Default Swap			912810-RU-4	US TREASURY N/B-UNSECURED	1	14,875,837	16,052,343
Awaiting PPN	_ Sovereign Bond of Malaysia	. 1Z	10,000,00			12/20/2018	06/20/2024	5 Yr Credit Default Swap	150,855	216,535	912810-RU-4	US TREASURY N/B-UNSECURED	1	14,875,837	16,052,343
Awaiting PPN	Credit Default Indicies (CDIG032/CDX.NA.IG.32)	. 27	517,000,00	271,965,775	281,698,177	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	8,342,535	11,136,927	912828-PX-2	US TREAS N/B-NOTE	1	263,623,240	270,561,250
Awaiting PPN	Credit Default Indicies (CDIG032/CDX.NA.IG.32)	27			273.974.844	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			76116F-AG-2	RFCSP PRINCIPAL STRIP	1	260,460,114	273,974,844
	Credit Default Indicies		-	, ,	,			·					1		
Awaiting PPN	(CDIGO32/CDX.NA.IG.32) Credit Default Indicies	2Z	226,000,00			03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	3,646,834	, , ,	912828-PX-2	US TREAS N/B-NOTE	1	250,592,433	257 , 187 , 500
Awaiting PPN	(CDIGO32/CDX.NA.IG.32) Credit Default Indicies	. 27	257,000,00	94,354,351	98, 123, 651	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	4, 141, 075	5,536,151	912828-PX-2	US TREAS N/B-NOTE	1	90,213,276	92,587,500
Awaiting PPN	(CD1G032/CDX.NA.1G.32)	2Z			85,495,696	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			76116F-AG-2	RFCSP PRINCIPAL STRIP	1		85,495,696

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

		Replication (Syn	thetic Asset) Tra	neactions	Replication	on (Synthet	ic Asset) Tra	nsactions Open as of Cu I	arrent Statemen		of the Renli	cation (Synthetic Asset) Tran	eactions		
Replication (Synthetic Asset) Transactions  1 2 3 4 5						7 8		Derivative Ir	nstrument(s) Oper	Components of the Replication (Synthetic Asset) Transactions  ument(s) Open Cash Instrument(s					
·	_				•			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
Awaiting PPN	Credit Default Indicies (CDIG032/CDX.NA.IG.32) Credit Default Indicies	2Z		87,475,431	118,675,786	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index			912810-QK-7	US TREASURY N/B-BOND	1		118,675,786
Awaiting PPN	(CDIGO32/CDX.NA.IG.32) Evergreen Basket of Floating Rate	2Z	100,000,000	111,536,702	122,776,019	03/20/2019	06/20/2024	5 Yr Credit Default Swap Index	1,601,063	2, 154, 144	912810-RV-2	US TREASURY N/B-UNSECURED	1	109,935,639	120,621,875
57629*DZ1	Corporate Bonds Evergreen Basket of Floating Rate	1Z	130,000,000	33,228,386	2,497,340	11/07/2018	11/07/2048	Interest Rate Swap		(32,832,980)	87305Q-CM-1	TTX CO-SENIOR UNSECURED	1		35,330,320
57629*DZ1	Corporate Bonds	1Z		31,917,716	35,667,548	11/07/2018	11/07/2048	Interest Rate Swap			341081-FR-3	Florida Power & Light Co-SECURED Intercontinental Exchang-SENIOR	1	31,917,716	35,667,548
57629*DZ1	Corporate Bonds Evergreen Basket of Floating Rate	1Z		26,255,167	29,978,748	11/07/2018	11/07/2048	Interest Rate Swap			45866F-AH-7	UNSECURED	1		29,978,748
57629*DZ1	Corporate Bonds Evergreen Basket of Floating Rate	1Z		26, 135, 232	29,447,709	11/07/2018	11/07/2048	Interest Rate Swap			010392-FS-2	Alabama Power Co-SENIOR UNSECURED _	1		29,447,709
57629*DZ1	Corporate Bonds Evergreen Basket of Floating Rate	1Z		26,970,885	29,042,582	11/07/2018	. 11/07/2048	Interest Rate Swap			976843-BJ-0	WISCONSIN PUBLIC SERVICE-SECURED	. 1	26,970,885	29,042,582
57629*DZ1	Corporate Bonds	1Z		10,601,672	11, 177, 561	11/07/2018	11/07/2048	Interest Rate Swap			235851-AR-3	DANAHER CORP-SR UNSECURED	1	10,601,672	11, 177,561
57629*DY4	Corporate Bonds	12	170,000,000		3,946,773	11/07/2018	11/07/2048	Interest Rate Swap		(43, 125, 513)	45174X-AA-0	IHC Health Services Inc-SECURED UNIVERSITY OF CHICAGO-UNSECURED	.   1	42,300,000	47,072,286
57629*DY457629*DY4	Corporate Bonds	17		41,500,000	42,920,421 43,735,611	11/07/2018	11/07/2048	Interest Rate Swap			91412N-AK-6 906548-CN-0	BOND		41,500,000	42,920,421
57629*DY4	Evergreen Basket of Floating Rate Corporate Bonds	17		40,988,441	47.998.753	11/07/2018	11/07/2048	Interest Rate Swap			575718-AB-7	MASS INSTITUTE OF TECH-UNSECURED BOND	1	40,988,441	43,735,611
57629*DY4	Evergreen Basket of Floating Rate Corporate Bonds	17		29,494,647	33.151.567	11/07/2018	11/07/2048	Interest Rate Swap			39138Q-AC-9	GREAT-WEST LIFECO FINANC-SENIOR UNSECURED	1	29,494,647	
57629*DX6	Evergreen Basket of Floating Rate Corporate Bonds	1Z	200,000,000	, ,	9,039,941	11/07/2018	11/07/2048	Interest Rate Swap		(50,601,726)		Texas Instruments Inc-SENIOR UNSECURED	1		59,641,667
57629*DX6	Evergreen Basket of Floating Rate Corporate Bonds	1Z		50,404,542	55,554,369	11/07/2018	. 11/07/2048	Interest Rate Swap			745332-CG-9	PUGET SOUND ENERGY INC-SECURED	1		55,554,369
57629*DX6	Evergreen Basket of Floating Rate Corporate Bonds	1Z		48,650,617	53, 103, 297	11/07/2018	11/07/2048	Interest Rate Swap			81373P-AA-1	Securian Financial Group-SENIOR UNSECURED	1	48,650,617	53, 103, 297
57629*DX6	Evergreen Basket of Floating Rate Corporate Bonds	1Z		51,936,923	57,548,152	11/07/2018	11/07/2048	Interest Rate Swap			92826C-AF-9	VISA INC-SR UNSECURED	1		57,548,152
57629*DX6	Evergreen Basket of Floating Rate Corporate Bonds Evergreen Basket of Floating Rate	1Z		28,755,230	32,503,483	11/07/2018	11/07/2048	Interest Rate Swap			049560-AP-0	Atmos Energy Corp-SENIOR UNSECURED	1	28,755,230	32,503,483
57629*DW8	Corporate BondsEvergreen Basket of Floating Rate	1Z	300,000,000	56,728,983	(11, 176, 833)	11/08/2018	11/08/2048	Interest Rate Swap		(74,964,333)	12572Q-AH-8	CME Group Inc-SENIOR UNSECURED	1		63,787,500
57629*DW8	Corporate BondsEvergreen Basket of Floating Rate	1Z		58,715,752	63,355,368	11/08/2018	11/08/2048	Interest Rate Swap			00440E-AW-7	ACE INA HOLDINGS-SR UNSECURED	1	58,715,752	63,355,368
57629*DW8	Corporate Bonds	1Z		53,316,560	60,256,972	11/08/2018	11/08/2048	Interest Rate Swap			30231G-AW-2	UNSECURED	1	53,316,560	60,256,972
57629*DW8	Corporate Bonds Evergreen Basket of Floating Rate	1Z		55,752,839	60,690,537	11/08/2018	11/08/2048	Interest Rate Swap			037833-BX-7	APPLE INC-SENIOR UNSECUREDUNITEDHEALTH GROUP INC-SR UNSECURED	. 1	55,752,839	60,690,537
57629*DW8	Corporate Bonds Evergreen Basket of Floating Rate	1Z	-	58,427,566	60, 186, 833	11/08/2018	11/08/2048	Interest Rate Swap			91324P-CR-1		. 1	58,427,566	60, 186,833
57629*DW8	Corporate Bonds	17		58,697,301	63,245,059	11/08/2018	11/08/2048	Interest Rate Swap			023135-AQ-9	AMAZON.COM INC-SR UNSECURED Honeywell International -SENIOR	1	58,697,301	63,245,059
57629*DW8	Corporate Bonds	12	320.000.000	15,953,896 101.957.436	17,419,848	11/08/2018	11/08/2048	Interest Rate Swap		(80,248,190)	438516-BS-4	UNSECURED SIEMENS FINANCIERINGSMAT-SENIOR	1	15,953,896	17,419,848
12607@AD2	Corporate Bonds	2	320,000,000	101,957,436 89,292,951	30,624,283 95.059.697	11/08/2018	11/08/2048	Interest Rate Swap		(80,248,190)	585055-BU-9	UNSECURED	1	101,957,436	110,872,473 95,059,697
12607@AD2	Evergreen Basket of Floating Rate Corporate Bonds	2		68,061,342	76.613.571	11/08/2018	11/08/2048	Interest Rate Swap			141781-BF-0	CARGILL INC-SR UNSECURED	1	68,061,342	76,613,571
12607@AD2	Evergreen Basket of Floating Rate Corporate Bonds	2		45,375,056	52,118,891	11/08/2018	11/08/2048	Interest Rate Swap			023135-BM-7	Amazon.com Inc-SENIOR UNSECURED	1	45,375,056	52, 118,891
12607@AD2	Evergreen Basket of Floating Rate Corporate Bonds	2		48,347,660	, , ,		11/08/2048	Interest Rate Swap			899043-AA-1	TUFTS UNIVERSITY-UNSECURED BOND	1		52,348,919
12607@AD2	Evergreen Basket of Floating Rate Corporate Bonds	2		18,484,700	, , , ,	11/08/2018	11/08/2048	Interest Rate Swap			40728T-AA-1	HAMILTON COLLEGE-UNSECURED	1	18,484,700	22,585,880

1		Replication (Synt	netic Asseti Trai																	
	2	3	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								
	2	3	4	э	0	1	0	9 Derivative in	10	11	12	Cash Instrument(s) F 2 13 14								
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 Designation or Other Description	Book/Adjusted Carrying Value	16 Fair Value					
	Evergreen Basket of Floating Rate		160.000.000	40.349.682	2.042.748	11/08/2018	11/08/2048	Interest Rate Swap		(40, 195, 654)	575634-AT-7	MASSACHUSETTS ELECTRIC-SENIOR UNSECURED	1	40,349,682	42,238,402					
E	Evergreen Basket of Floating Rate	'	100,000,000	, , ,	, ,				-	(40, 100,004)			'							
	Corporate Bonds1 Evergreen Basket of Floating Rate	·		30, 108, 884	29,682,411	11/08/2018	11/08/2048	Interest Rate Swap	-		45138L-BD-4	IDAHO POWER CORP-SECURED NOTE  Empresa de Transporte de-SENIOR	1	30,108,884	29,682,411					
7629*DQ1Co	Corporate Bonds	l		28,875,884	31,891,677	11/08/2018	11/08/2048	Interest Rate Swap			29246Q-AB-1	UNSECURED	1	28,875,884	31,891,677					
7629*DQ1 Co	Corporate Bonds1	١		28,335,216	31,835,740	11/08/2018	11/08/2048	Interest Rate Swap			771196-BH-4	NOTE	1	28,335,216	31,835,740					
	Evergreen Basket of Floating Rate Corporate Bonds	l		29,317,800	31,784,740	11/08/2018	11/08/2048	Interest Rate Swap			437076-BH-4	Home Depot Inc/The-SENIOR UNSECURED	1	29,317,800	31,784,740					
	Evergreen Basket of Floating Rate			28,275,000	31,449,123	11/08/2018	11/08/2048	Interest Rate Swap			578454-AD-2	MAYO CLINIC-UNSECURED	1	28,275,000	31,449,123					
E	Evergreen Basket of Floating Rate																			
E	Corporate Bonds	·		15,403,150	16,876,929	11/08/2018	11/08/2048	Interest Rate Swap	-		571676-AH-8	Mars Inc-SENIOR UNSECURED	I	15, 403, 150	16,876,929					
	Corporate Bonds1 Evergreen Basket of Floating Rate	١	320,000,000	60,037,701	(14,617,412)	11/08/2018	11/08/2048	Interest Rate Swap		(80,248,190)	009279-AC-4	AIRBUS SE-SENIOR UNSECURED Parker-Hannifin Corp-SENIOR	1	60,037,701	65,630,778					
7629*DR9 Co	Corporate Bonds	١		68,440,318	70,215,419	11/08/2018	11/08/2048	Interest Rate Swap	-		701094-AL-8	UNSECURED	1	68,440,318	70,215,419					
7629*DR9 Co	Corporate Bonds1	١		61,756,700	66, 135, 644	11/08/2018	11/08/2048	Interest Rate Swap			23338V-AE-6	DTE Electric Co-SECURED	1	61,756,700	66, 135, 644					
7629*DR9 Co	Evergreen Basket of Floating Rate Corporate Bonds1	l		62,084,129	63,439,124	11/08/2018	11/08/2048	Interest Rate Swap			66989H-AH-1	NOVARTIS CAPITAL CORP-SR UNSECURED	1	62,084,129	63,439,124					
	Evergreen Basket of Floating Rate Corporate Bonds1	1		41,481,995	50,340,149	11/08/2018	11/08/2048	Interest Rate Swap			594918-CB-8	MICROSOFT CORP-SENIOR UNSECURED	1	41,481,995	50,340,149					
E	Evergreen Basket of Floating Rate			23,531,617	26.074.318	11/08/2018	11/08/2048	Interest Rate Swap			69351U-AV-5	PPL Electric Utilities C-SECURED	4	23,531,617	26,074,318					
E	Evergreen Basket of Floating Rate				, ,				-			Berkshire Hathaway Finan-SENIOR								
	Corporate Bonds1 Evergreen Basket of Floating Rate			22,884,193	25,581,635	11/08/2018	11/08/2048	Interest Rate Swap			084664-CQ-2	UNSECURED Bristol-Myers Squibb Co-SR	1	22,884,193	25,581,635					
	Corporate Bonds1 Evergreen Basket of Floating Rate	l		21,461,557	22,440,280	11/08/2018	11/08/2048	Interest Rate Swap	-		110122-AX-6	UNSECURED	1	21,461,557	22,440,280					
7629*DR9 Co	Corporate Bonds1	l		14,208,922	15,752,867	11/08/2018	11/08/2048	Interest Rate Swap			594918-BT-0	MICROSOFT CORP-SENIOR UNSECURED ARCHER-DANIELS-MIDLAND C-SENIOR	1	14,208,922	15,752,867					
7629*DS7 Co	Evergreen Basket of Floating Rate Corporate Bonds1	l	140,000,000	36,285,299	7,460,025	12/03/2018	12/03/2048	Interest Rate Swap	-	(30,448,399)	039483-BM-3	UNSECURED	1	36,285,299	37,908,424					
	Evergreen Basket of Floating Rate Corporate Bonds1	IZ		27,482,812	30,726,080	12/03/2018	12/03/2048	Interest Rate Swap			00401M-AB-2	ABU DHABI CRUDE OIL PIPE-SECURED	1	27,482,812	30,726,080					
	Evergreen Basket of Floating Rate	17		28.601.497	30,899,512	12/03/2018	12/03/2048	Interest Rate Swap			207597-EH-4	Connecticut Light & Powe-SECURED	1	28,601,497	30,899,512					
E	Evergreen Basket of Floating Rate			, ,	,,							ESTEE LAUDER CO INC-SENIOR								
E	Corporate Bonds1 Evergreen Basket of Floating Rate	IZ		27,318,409	28,774,525	12/03/2018	12/03/2048	Interest Rate Swap			29736R-AG-5	UNSECURED	Ι	27,318,409	28,774,525					
	Corporate Bonds 1 Evergreen Basket of Floating Rate	IZ		25,098,111	30,772,300	12/03/2018	12/03/2048	Interest Rate Swap			04351L-AA-8	ASCENSION HEALTH-UNSECURED BOND AEP Transmission Co LLC-SENIOR	1	25,098,111	30,772,300					
7629*DS7 Co	Corporate Bonds	IZ		9,997,784	11,021,530	12/03/2018	12/03/2048	Interest Rate Swap			00115A-AJ-8	UNSECURED	1	9,997,784	11,021,530					
7629*DS7Co	Corporate Bonds1	IZ		15,822,286	17,590,470	12/03/2018	12/03/2048	Interest Rate Swap	-		91481C-AA-8	UNSECURED NOTE	1	15,822,286	17,590,470					
7629*DT5Co	Evergreen Basket of Floating Rate Corporate Bonds1	l	160,000,000	34,354,619	1,346,877	12/03/2018	12/03/2048	Interest Rate Swap		(34,547,303)	02361D-AR-1	Ameren IIIinois Co-SECURED	1	34,354,619	35,894,180					
	Evergreen Basket of Floating Rate Corporate Bonds1			37,028,021	41,248,636	12/03/2018	12/03/2048	Interest Rate Swap			468223-AT-9	Jackson Laboratory/The-UNSECURED	1	37,028,021	41,248,636					
E	Evergreen Basket of Floating Rate	,		34,974,343	38,521,385	12/03/2018	12/03/2048	Interest Rate Swap			743315-AS-2	PROGRESSIVE CORP-SENIOR UNSECURED	1	34,974,343	38,521,385					
E	Evergreen Basket of Floating Rate																			
E	Corporate Bonds1 Evergreen Basket of Floating Rate	·		35,232,490	38,246,845	12/03/2018	12/03/2048	Interest Rate Swap	-		17858P-AB-7	City of Hope-SENIOR UNSECURED	1	35,232,490	38,246,845					
7629*DT5Co	Corporate Bonds	l		35,017,355	36,974,210	12/03/2018	12/03/2048	Interest Rate Swap			44107H-AE-2	NY Society for Relief of-SECURED	1	35,017,355	36,974,210					
7629*DT5Co	Corporate Bonds1	ا		9,970,089	10,835,540	12/03/2018	12/03/2048	Interest Rate Swap			458140-AV-2	INTEL CORP-SENIOR UNSECURED	1	9,970,089	10,835,540					
7629*DU2 Co	Evergreen Basket of Floating Rate Corporate Bonds1	l	160,000,000	36,785,967	12,092,113	12/10/2018	12/10/2048	Interest Rate Swap		(28,553,830)	828807-CZ-8	SIMON PROPERTY GROUP LP-SENIOR UNSECURED	1	36,785,967	40,645,943					
	Evergreen Basket of Floating Rate Corporate Bonds1			34,632,827	38,615,955	12/10/2018	12/10/2048	Interest Rate Swap			12189L-BB-6	BURLINGTN NORTH SANTA FE-SENIOR UNSECURED	1	34,632,827	38,615,955					

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

		Replication (Synt	thetic Asset) Trai	nsactions	riophodii	on (Oynano	110 710001) 114	Isactions Open as of Gui	TICHE CIGICITICA		of the Repli	cation (Synthetic Asset) Trans	sactions			
1	2	3	4	5	6	7	8	Components of the Replication (Synthetic Asset) Transactions  Derivative Instrument(s) Open  Cash Instrument(s) Held								
!	2	3	4	3	U	,	0	Derivative III	10	11	12	13	14	15	16	
		NAIC						9	10	11	12	13	NAIC	15	16	
				Dools/Adjusted					D = =1./A =1:=4==1					D = =1./A =1:=4 = =1		
		Designation or	NI C I	Book/Adjusted		F# 11			Book/Adjusted				Designation or	Book/Adjusted		
		Other	Notional	Carrying		Effective			Carrying				Other	Carrying		
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value	
	Evergreen Basket of Floating Rate											GREAT-WEST LIFECO FINANC-SENIOR				
	Corporate Bonds	1		29,545,591	32,278,170	12/10/2018	12/10/2048	Interest Rate Swap			391382-AB-4	UNSECURED	1	29,545,591	32, 278, 170	
	Evergreen Basket of Floating Rate											APPLIED MATERIALS INC-SENIOR	l .			
	Corporate Bonds	1		30,259,801	33,473,490	12/10/2018	12/10/2048	Interest Rate Swap			038222-AM-7	UNSECURED	1	30,259,801	33,473,490	
	Evergreen Basket of Floating Rate												l .			
	Corporate Bonds	1		30,234,549	33,061,440	12/10/2018	12/10/2048	Interest Rate Swap			210518-DB-9	Consumers Energy Co-SECURED	1	30,234,549	33,061,440	
	Evergreen Basket of Floating Rate			00 050 070	00 740 070	40 /40 /0040	40 /40 /00 40	Interest Rate Swap			455434-BR-0	INDIANAPOLIS PWR & LIGHT-SECURED	L	00 050 070	00 740 070	
	Corporate Bonds	1		29,653,378	32,718,870	12/10/2018	12/10/2048	Interest Hate Swap			455434-BH-U	BOND	'	29,653,378	32,718,870	
	Evergreen Basket of Floating Rate Corporate Bonds	47	200.000.000	103.219.749	110 000 010	01/07/2019	01/07/2049	Interest Data Core		(04 007 450)	931142-CS-0	WAL-MART STORES INC-SENIOR NOTE	l.	103.219.749	134,360,300	
	Evergreen Basket of Floating Rate	12	200,000,000	103,219,749	110,322,842	01/0//2019	01/0//2049	Interest Rate Swap		(24,037,458)	931142-05-0	WAL-MART STURES INC-SENTUR NOTE		103,219,749		
	Corporate Bonds	17		71,779,897	04 040 400	01/07/2019	01/07/2049	Interest Rate Swap			755111-BU-4	Raytheon Co-SENIOR UNSECURED NOTE	l.	71,779,897	81,919,422	
	Evergreen Basket of Floating Rate	12		11,779,897		01/0//2019	01/0//2049	Interest Hate Swap			/55111-60-4	Hay theon Co-SENTOR UNSECURED NOTE .	'	11,779,897		
	Corporate Bonds	17		44, 199, 111	EE 040 700	01/07/2019	01/07/2049	Interest Rate Swap			87305Q-CB-5	TTX CO-UNSECURED NOTE	l.	44, 199, 111	55,943,789	
AWAILING PPN	Evergreen Basket of Floating Rate	12				01/0//2019	01/0//2049	Interest Hate Swap			8/300Q-CB-5	TIX CU-UNSECURED NOTE				
	Corporate Bonds	17	250.000.000	75,488,833	E0 67E 170	01/07/2019	01/07/2049	Interest Rate Swap		(00 510 610)	458140-AK-6	INTEL CORP-SENIOR UNSECURED NOTE		75,488,833	82,188,782	
	Evergreen Basket of Floating Rate	12	250,000,000	/5,488,833	32,0/3,1/0	01/01/2019	01/0//2049	Interest Hate Swap		(29,513,612)	438 14U-AN-0	Home Depot Inc/The-SENIOR UNSECURED	'		82, 188, 782	
	Corporate Bonds	17		91,741,992	108.250.496	01/07/2010	01/07/2049	Interest Rate Swap			437076-AS-1	NOTE		91.741.992	108.250.496	
Awaiting Fri	Evergreen Basket of Floating Rate	12		91,741,992	100,230,490	01/01/2019	01/0//2049	Illiterest hate swap			43/0/0-A3-1	FLORIDA POWER & LIGHT CO-SECURED			100,230,490	
Awaiting PPN	Corporate Bonds	17		49.058.640	52 /1/ /50	01/07/2019	01/07/2049	Interest Rate Swap			341081-FG-7	BOND	1	49.058.640	53.414.459	
	Evergreen Basket of Floating Rate	12			, 14, 400	01/01/2019	01/01/2049	interest hate swap			341001-10-7	APPLIED MATERIALS INC-SENIOR	'			
	Corporate Bonds	17		60, 170, 903	69 260 566	01/07/2019	01/07/2049	Interest Rate Swap			038222-AG-0	UNSECURED NOTE	1	60.170.903	68.269.566	
	Evergreen Basket of Floating Rate	12				01/01/2013	01/01/2040	Titterest nate owap			000222 AG 0	BHP Billiton Finance USA-SR	'			
	Corporate Bonds	17	175.000.000	79.059.131	60 064 773	01/31/2019	01/31/2049	Interest Rate Swap		(26, 750, 534)	055451-AV-0	UNSECURED	1	79.059.131	86.815.307	
	Evergreen Basket of Floating Rate	12				01/01/2010		Throrost hate onap		(20,700,004)	000101 111 0	JOHNSON -S.C. & SON INC-SENIOR				
	Corporate Bonds	17		65.941.438	73.388.621	01/31/2019	01/31/2049	Interest Rate Swap			478165-AG-8	UNSECURED NOTE	1	65.941.438	73,388,621	
	Evergreen Basket of Floating Rate					0.,01,2010						S&P GLOBAL INC-SENIOR UNSECURED				
Awaiting PPN	Corporate Bonds	17		54.663.772	69.826.683	01/31/2019	01/31/2049	Interest Rate Swap			78409V-AB-0	NOTE	l <sub>1</sub>	54.663.772	69.826.683	
	Evergreen Basket of Floating Rate													.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Corporate Bonds	17	150.000.000	47.225.477	30.212.940	02/04/2019	02/04/2049	Interest Rate Swap		(20.849.335)	057224-AZ-0	BAKER HUGHES INC-SENIOR NOTE	l <sub>1</sub>	47,225,477	51.062.275	
	Evergreen Basket of Floating Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,			(20,0.0,000)		Toronto-Dominion Bank/Th-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Corporate Bonds	1Z		45, 262, 917	48 . 485 . 273	02/04/2019	02/04/2049	Interest Rate Swap			891160-MJ-9	SUBORDINATED	11	45.262.917	48,485,273	
	Evergreen Basket of Floating Rate														,,,	
	Corporate Bonds	1Z		71,644,211	76,281.442	02/04/2019	02/04/2049	Interest Rate Swap			278865-AM-2	Ecolab Inc-SENIOR UNSECURED NOTE	1	71,644,211	76,281,442	
	Evergreen Basket of Floating Rate															
Awaiting PPN	Corporate Bonds	1Z	165,000,000	59,387,024	45,934,246	02/04/2019	02/04/2049	Interest Rate Swap		(23,750,692)	68389X-AM-7	ORACLE CORP-SENIOR UNSECURED NOTE .	1	59,387,024	69,684,938	
•	Evergreen Basket of Floating Rate		' '					,			1	Caterpillar Inc-SENIOR UNSECURED				
Awaiting PPN	Corporate Bonds	1Z		65,622,455	70,775,272	02/04/2019	02/04/2049	Interest Rate Swap			149123-CB-5	BOND	1		70,775,272	
	Evergreen Basket of Floating Rate											GLAXOSMITHKLINE CAP INC-SR				
	Corporate Bonds	1Z		66,335,600	77,628,955	02/04/2019	02/04/2049	Interest Rate Swap			377372-AE-7	UNSECURED	1	66,335,600	77,628,955	
9999999999 - 7	Totals			14,431,035,291	15.464.364.258	XXX	XXX	XXX	17, 173, 365	539.395.100	XXX	XXX	XXX	14.413.861.926	14.924.969.158	

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

Replication (Synthetic Asset) Transactions Open

				ejiitiiotio / tooot, iiid						
	First Quarter		Second	Quarter	Third (	Quarter	Fourth	Quarter	Year T	o Date
	1	2	3	4	5	6	7	8	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	122	13,581,622,879	123	14,401,415,772					122	13,581,622,879
Add: Opened or Acquired Transactions	16	2,150,000,000							16	2,150,000,000
Add: Increases in Replication (Synthetic Asset)     Transactions Statement Value	xxx		xxx		xxx	-	XXX	-	xxx	
Less: Closed or Disposed of Transactions	15	1,330,207,107	17	987,415,772					32	2,317,622,879
Less: Positions Disposed of for Failing Effectiveness     Criteria										
Less: Decreases in Replication (Synthetic Asset)     Transactions Statement Value	XXX		XXX		XXX		XXX		XXX	
7. Ending Inventory	123	14,401,415,772	106	13,414,000,000					106	13,414,000,000

### **SCHEDULE DB - VERIFICATION**

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

		Book/Adjusted Carrying	Value Check
1.	Part A, Section 1, Column 14.	3,477,450,765	
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		3,477,450,765
4.	Part D, Section 1, Column 5	12,046,302,629	
5.	Part D, Section 1, Column 6	(8,415,962,537)	
6.	Total (Line 3 minus Line 4 minus Line 5)		(152,889,327)
		Fair Value Ch	eck
7.	Part A, Section 1, Column 16	3,999,672,594	
8.	Part B, Section 1, Column 13	152,889,326	
9.	Total (Line 7 plus Line 8)		4, 152, 561, 920
10.	Part D, Section 1, Column 8	13,188,643,383	
11.	Part D, Section 1, Column 9	(9,036,081,463)	
12	Total (Line 9 minus Line 10 minus Line 11)		
		Potential Exposure	e Check
13.	Part A, Section 1, Column 21	4,568,337,783	
14.	Part B, Section 1, Column 20	114,061,350	
15.	Part D, Section 1, Column 11	4,682,399,133	
16.	Total (Line 13 plus Line 14 minus Line 15)		

### **SCHEDULE E - PART 2 - VERIFICATION**

(Cash Equivalents)

	, , ,	1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	3,695,132,944	2,852,941,262
2.	Cost of cash equivalents acquired	36,108,064,740	79,209,684,010
3.	Accrual of discount	26,851,649	55,788,749
4.	Unrealized valuation increase (decrease)		36,646
5.	Total gain (loss) on disposals	58,085	97,456
6.	Deduct consideration received on disposals	38,333,551,164	78,423,415,179
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)	1,496,556,255	3,695,132,944
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	1,496,556,255	3,695,132,944