# **QUARTERLY STATEMENT**

**OF THE** 

**Massachusetts Mutual Life Insurance Company** 

**TO THE** 

**Insurance Department** 

**OF THE** 

**STATE OF** 

FOR THE QUARTER ENDED JUNE 30, 2017

LIFE AND ACCIDENT AND HEALTH

2017



LIFE AND ACCIDENT AND HEALTH COMPANIES - ASSOCIATION EDITION

## **QUARTERLY STATEMENT**

AS OF JUNE 30, 2017 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 Laws of	(Current) Massac	(Prior)	, State of Domicile or Port of	Entry MA				
Country of Domicile								
	05/15/1851		Commenced Business _	08/01/1851				
Statutory Home Office	Springfield , MA, US 01111							
-	1295 State S (Street and No		(City o	or Town, State, Country and Zip Code)				
Main Administrative Office			te Street					
	Springfield , MA, US 01111	(Street an	d Number)	413-788-8411				
(City or	Town, State, Country and Zip (	Code)	(A	Area Code) (Telephone Number)				
Mail Address	1295 State Stree		Springfield , MA, US 01111					
(Street and Number or P.O. Box) (City or Town, State, Country and Zip Code)								
Primary Location of Books and	Records		ate Street					
	Springfield , MA, US 01111	(Street an	d Number)	413-788-8411				
(City or	Town, State, Country and Zip (	Code)	(A	Area Code) (Telephone Number)				
Internet Website Address		www.mass	mutual.com					
Statutory Statement Contact	Sean	G. McCallen		413-744-3193				
•		(Name)	·	(Area Code) (Telephone Number)				
	mccallen@massmutual.com (E-mail Address)		,	413-226-4086 (FAX Number)				
		0.55	0==0	,				
President and Chief		OFFI	CERS					
Executive Officer			Treasurer _	Todd Garett Picken				
Secretary _	Pia Denise F	lanagan	Appointed Actuary _	Douglas Wright Taylor				
Flinghad Mand Obiana	Francisco VIII - Brazilla	ОТІ	HER					
Elizabeth Ward Chicares, Chief Financial Office		Michael Robert Fanning	, Executive Vice President	Melvin Timothy Corbett, Executive Vice President and Chief Investment Officer				
Mark Douglas Roellig, Exe Chief Technology and		Adnan Omar Ahmed,	Executive Vice President					
		DIRECTORS	OR TRUSTEES					
Roger William Cra		Karen H	all Bechtel	Mark Thomas Bertolini				
Kathleen Ann Cort			eGraffenreidt, Jr. Iarc Leiden	Robert Alan Essner  Marc Francis Racicot				
Laura Jea			Taylor Spitz	Howard Todd Stitzer				
State of	Massachusetts	SS:						
County of	Hampden							
all of the herein described ass statement, together with relater condition and affairs of the said in accordance with the NAIC A rules or regulations require d respectively. Furthermore, the	ets were the absolute property of exhibits, schedules and explat I reporting entity as of the repounnual Statement Instructions a differences in reporting not rescope of this attestation by the	y of the said reporting entity inations therein contained, a rting period stated above, al and Accounting Practices are lated to accounting practic e described officers also in	y, free and clear from any liens unnexed or referred to, is a full and of its income and deductions and Procedures manual except the es and procedures, according cludes the related corresponding	poorting entity, and that on the reporting period stated above so or claims thereon, except as herein stated, and that the tand true statement of all the assets and liabilities and of its therefrom for the period ended, and have been completed to the extent that: (1) state law may differ; or, (2) that stay to the best of their information, knowledge and beling electronic filing with the NAIC, when required, that is you be requested by various regulators in lieu of or in additional contents.				
Roger William Co President and Chief Exe			Flanagan etary	Todd Garett Picken Treasurer				
Subscribed and sworn to before day of	e me this		a. Is this an original filing b. If no,  1. State the amendm 2. Date filed	ent number				

# **ASSETS**

		Current Statement Date 4				
		1 Assets	2 Nonadmitted Assets	3 Net Admitted Assets (Cols. 1 - 2)	December 31 Prior Year Net Admitted Assets	
1.	Bonds	87,850,849,591		87,850,849,591	83,820,817,695	
2.	Stocks:					
	2.1 Preferred stocks	479,367,488		479,367,488	464,925,273	
	2.2 Common stocks	15,410,357,899		15,410,357,899	15,363,384,808	
3.	Mortgage loans on real estate:					
	3.1 First liens	22,067,839,625		22,067,839,625	20,961,091,565	
	3.2 Other than first liens					
4.	Real estate:					
	4.1 Properties occupied by the company (less \$					
	encumbrances)	148,839,978		148,839,978	158, 135, 975	
	4.2 Properties held for the production of income (less					
	\$718,900,537 encumbrances)	788,674,746		788,674,746	737,451,103	
	4.3 Properties held for sale (less \$					
	encumbrances)	3,999,303		3,999,303	81,092,879	
5.	Cash (\$103,261,666 ), cash equivalents					
	(\$936,044,971 ) and short-term					
	investments (\$615,210,046 )	1,654,516,683		1,654,516,683	3,725,936,280	
6.	Contract loans (including \$ premium notes)	12,752,045,207	470,271	12,751,574,936	12,461,290,555	
7.	Derivatives	9,380,841,904		9,380,841,904	9,763,460,825	
8.	Other invested assets	7,520,978,056			7, 186, 889, 062	
9.	Receivables for securities	185,790,433		185,790,433	161,585,825	
10.	Securities lending reinvested collateral assets					
	Aggregate write-ins for invested assets					
12.	Subtotals, cash and invested assets (Lines 1 to 11)	158,244,100,913	43,132,086	158,200,968,827	154,886,061,845	
13.	Title plants less \$ charged off (for Title insurers					
	only)					
14.	Investment income due and accrued	2,561,632,963	6,447,299	2,555,185,664	1,911,666,108	
	Premiums and considerations:					
	15.1 Uncollected premiums and agents' balances in the course of collection	115,928,401	3,965,393	111,963,008	141,093,092	
	15.2 Deferred premiums, agents' balances and installments booked but					
	deferred and not yet due (including \$	247 244 272		2.7 2.4 272		
	earned but unbilled premiums)	617,911,079		617,911,079	642,564,314	
	15.3 Accrued retrospective premiums (\$					
	contracts subject to redetermination (\$					
	Reinsurance:	40 700 005		40 700 005	44 004 004	
	16.1 Amounts recoverable from reinsurers			46,790,865		
	16.2 Funds held by or deposited with reinsured companies			15 , 164 , 452	(0.216.204)	
	16.3 Other amounts receivable under reinsurance contracts					
	Amounts receivable relating to uninsured plans  Current federal and foreign income tax recoverable and interest thereon			433,396,081		
	Net deferred tax asset				1,606,052,936	
	Guaranty funds receivable or on deposit			28,407,677	26,092,893	
	Electronic data processing equipment and software			10,624,147	9,280,689	
		100,042,203	130,210,110	10,024,147	9,200,009	
21.	Furniture and equipment, including health care delivery assets (\$	3Q NA7 142	30 047 142			
22	Net adjustment in assets and liabilities due to foreign exchange rates					
	Receivables from parent, subsidiaries and affiliates				68 885 410	
	Health care (\$			02,014,102		
	Aggregate write-ins for other than invested assets			2,143,955,320		
	Total assets excluding Separate Accounts, Segregated Accounts and		1,200,000,001	2,110,000,020	2,007,270,011	
	Protected Cell Accounts (Lines 12 to 25)	167,284,653,664	1,654,764,471	165,629,889,193	161,466,469,743	
27.	From Separate Accounts, Segregated Accounts and Protected Cell	00 101 050 000		00 404 050 000	00 000 005 000	
				66, 134, 959, 886	62,203,995,882	
	Total (Lines 26 and 27)	233,419,613,550	1,654,764,471	231,764,849,079	223,670,465,625	
	DETAILS OF WRITE-INS					
1101.						
1102.						
1103.	0					
	Summary of remaining write-ins for Line 11 from overflow page					
	Totals (Lines 1101 through 1103 plus 1198)(Line 11 above)	0 047 054 500		0.047.054.500	1 000 550 440	
	Corporate owned life insurance			2,047,954,593	1,980,550,440	
	Employee insurance plan advances			39,035,772	40,091,324	
	Investment in trust			31,429,892	31,420,102	
	Summary of remaining write-ins for Line 25 from overflow page			25,535,063	45,213,945	
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	3,400,563,901	1,256,608,581	2,143,955,320	2,097,275,811	

# **LIABILITIES, SURPLUS AND OTHER FUNDS**

	LIABILITIES, SOIII LOS AND OTTIENTO	1100	•
	444 000 000 000	1 Current Statement Date	2 December 31 Prior Year
1.	Aggregate reserve for life contracts \$	444 000 000 000	100 001 005 101
_	(including \$124,636,010 Modco Reserve)		
2. 3.	Aggregate reserve for accident and health contracts (including \$90,888,075 Modco Reserve)	2,829,173,344	11 574 147 866
	Contract claims:	12,010,700,202	11,374,147,000
٠.	4.1 Life	322.167.910	340.468.688
	4.2 Accident and health		
5.	Policyholders' dividends \$		
6.	Provision for policyholders' dividends and coupons payable in following calendar year - estimated amounts:		
	6.1 Dividends apportioned for payment (including \$	1,634,975,772	1,599,171,763
	6.2 Dividends not yet apportioned (including \$ Modco)		
	6.3 Coupons and similar benefits (including \$ Modco)		
	Amount provisionally held for deferred dividend policies not included in Line 6		
8.	Premiums and annuity considerations for life and accident and health contracts received in advance less	40,000,040	00 440 444
0	\$	42,095,910 [	29,443,441
9.	9.1 Surrender values on canceled contracts		
	9.2 Provision for experience rating refunds, including the liability of \$ accident and health		
	experience rating refunds of which \$ is for medical loss ratio rebate per the Public Health		
	Service Act	12,500,571	9,612,909
	9.3 Other amounts payable on reinsurance, including \$8,077,328 assumed and \$10,572,352		
	ceded	18,649,680	34,416,893
	9.4 Interest Maintenance Reserve		4,863,663
10.	Commissions to agents due or accrued-life and annuity contracts \$		
	\$321,332 and deposit-type contract funds \$11,079,041	50,745,240	33,289,525
11.	Commissions and expense allowances payable on reinsurance assumed	4,912,201	5, 176, 675
12.	General expenses due or accrued	986,081,229	1, 120, 711, 796
13.	Transfers to Separate Accounts due or accrued (net) (including \$(174,251,659) accrued for expense		/ 100 F=1
	allowances recognized in reserves, net of reinsured allowances)	(187, 150, 516)	(188,589,116)
14.	Taxes, licenses and fees due or accrued, excluding federal income taxes		
	Current federal and foreign income taxes, including \$ on realized capital gains (losses)		
15.2 16.	Net deferred tax liability		
17.	Amounts withheld or retained by company as agent or trustee		
18.	Amounts held for agents' account, including \$ agents' credit balances	316 154 825	301 711 951
19.	Remittances and items not allocated	500.399.672	(382.509.320)
20.	Net adjustment in assets and liabilities due to foreign exchange rates		
21.	Liability for benefits for employees and agents if not included above		
22.	Borrowed money \$		
23.	Dividends to stockholders declared and unpaid		
24.	Miscellaneous liabilities:		
	24.01 Asset valuation reserve	3,314,283,623	3, 178, 008, 369
	24.02 Reinsurance in unauthorized and certified (\$		
	24.03 Funds held under reinsurance treaties with unauthorized and certified (\$		
	24.04 Payable to parent, subsidiaries and affiliates		36,595,902
	24.05 Drafts outstanding		
	24.06 Liability for amounts held under uninsured plans		
	24.07 Funds held under coinsurance		6 014 042 701
	24.09 Payable for securities		
	24.10 Payable for securities lending		
	24.11 Capital notes \$ and interest thereon \$		
25.	Aggregate write-ins for liabilities	8,952,081,350	9,281,690,021
26.	Total liabilities excluding Separate Accounts business (Lines 1 to 25)	150,229,253,132	146,052,119,164
27.		66,135,953,924	62,194,856,505
28.	Total liabilities (Lines 26 and 27)	216,365,207,056	208,246,975,669
29.	Common capital stock		
30.	Preferred capital stock		
31.	Aggregate write-ins for other than special surplus funds		
32.	Surplus notes		
33.	Gross paid in and contributed surplus		
34.	Aggregate write-ins for special surplus funds		
35.	Unassigned funds (surplus)	13, 129,007,438	13, 188,309,35/
36.	Less treasury stock, at cost:		
	36.1 shares common (value included in Line 29 \$		
37.	Surplus (Total Lines 31+32+33+34+35-36) (including \$	15,399,642,023	15,423,489,956
37.	Totals of Lines 29, 30 and 37	15,399,642,023	15,423,489,956
38. 39.	Totals of Lines 28 and 38 (Page 2, Line 28, Col. 3)	231,764,849,079	223,670,465,625
55.	DETAILS OF WRITE-INS	201,104,043,013	220,010,400,020
2501.	Repurchase agreements	4.241.437 615	4,735,731,002
2502.	Derivative collateral		2,839,407,087
2503.	Derivative accrued interest		1,626,497,813
2598.	Summary of remaining write-ins for Line 25 from overflow page		
2599.	Totals (Lines 2501 through 2503 plus 2598)(Line 25 above)	8,952,081,350	9,281,690,021
3101.			
3102.			
3103.			
3198.	Summary of remaining write-ins for Line 31 from overflow page		
3199.	Totals (Lines 3101 through 3103 plus 3198)(Line 31 above)		
3401.	Designated surplus for group annuities		2,500,000
3402.	Designated surplus for separate account business		
3403.			
3498.	Summary of remaining write-ins for Line 34 from overflow page		
3499.	Totals (Lines 3401 through 3403 plus 3498)(Line 34 above)	3,250,000	3,250,000

# **SUMMARY OF OPERATIONS**

		1 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		10,011,649,198	21,408,422,772
2.	Considerations for supplementary contracts with life contingencies.			23,549,023
3.	Net investment income		3,005,232,993	6, 198, 498, 167
	Amortization of Interest Maintenance Reserve (IMR)			135.288.595
4.				3.135
5.	Separate Accounts net gain from operations excluding unrealized gains or losses	1,003,200	1,997	,
6.	Commissions and expense allowances on reinsurance ceded	57,797,932		398,451,052
7.	Reserve adjustments on reinsurance ceded	11,230,105	9,052,436	82,715,440
8.	Miscellaneous Income:			
	8.1 Income from fees associated with investment management, administration and contract		.==	
	guarantees from Separate Accounts.		1/5,999,69/	355,790,536
	8.2 Charges and fees for deposit-type contracts			
	8.3 Aggregate write-ins for miscellaneous income		199,274,221	446,735,033
9.	Totals (Lines 1 to 8.3)	13,680,124,174	13,530,133,613	29,049,453,753
10.	Death benefits	894,204,494	855,270,099	1,691,839,821
11.	Matured endowments (excluding guaranteed annual pure endowments)		9, 168, 791	22,098,524
12.	Annuity benefits		835,934,274	1,716,610,953
13.	Disability benefits and benefits under accident and health contracts	188 116 817		364, 195, 418
14.	Coupons, guaranteed annual pure endowments and similar benefits			
15.	Surrender benefits and withdrawals for life contracts			14,003,404,091
16.	Group conversions		454 005 400	040 000 000
17.	Interest and adjustments on contract or deposit-type contract funds	156,044,115	154,035,189	313,262,892
18.	Payments on supplementary contracts with life contingencies	6,095,322		
19.	Increase in aggregate reserves for life and accident and health contracts	2,326,957,309	4,175,532,226	9,611,871,345
20.	Totals (Lines 10 to 19)		12,450,910,999	27,734,774,994
21.	Commissions on premiums, annuity considerations, and deposit-type contract funds (direct	, , ,	, , ,	
	business only)	446,459,656	390,587,387	835,574,160
22.	Commissions and expense allowances on reinsurance assumed	50,399.584	51,386,765	102,861,238
23.	General insurance expenses		952.777.732	2,242,669,265
24.	Insurance taxes, licenses and fees, excluding federal income taxes	121 218 131		237,373,881
l l	Increase in loading on deferred and uncollected premiums	(11 022 752)	(10,017,220	43,039,144
25.	Net transfers to or (from) Separate Accounts net of reinsurance	(1 100 F70 170)	( 10, 100, 202)	
26.			(700, 707, 080)	(2,224,883,854)
27.	Aggregate write-ins for deductions		(792,737,069)	(1,355,695,597)
28.	Totals (Lines 20 to 27)		13, 147, 179, 730	27,615,713,231
29.	Net gain from operations before dividends to policyholders and federal income taxes (Line 9 minus			
	Line 28)		382,953,883	1,433,740,522
30.	Dividends to policyholders	760,534,077	796,392,495	1,565,630,560
31.	Net gain from operations after dividends to policyholders and before federal income taxes (Line 29			
	minus Line 30)	92,710,365	(413,438,612)	(131,890,038)
32.	Federal and foreign income taxes incurred (excluding tax on capital gains)		(187, 194, 581)	
33.	Net gain from operations after dividends to policyholders and federal income taxes and before	, , , , ,	( , , , , , ,	(- , ,- ,- ,
00.	realized capital gains or (losses) (Line 31 minus Line 32)	220,180,079	(226,244,031)	194,528,862
34.	Net realized capital gains (losses) (excluding gains (losses) transferred to the IMR) less capital	1	(220,211,001)	101,020,002
54.	gains tax of \$(143,395,193) (excluding taxes of \$(11,526,516)			
		(01E 000 47E)	74 054 447	(000 411 770)
	transferred to the IMR)		71,351,147	(208,411,773)
35.	Net income (Line 33 plus Line 34)	. (95, 182, 396)	(154,892,884)	(13,882,911)
	CAPITAL AND SURPLUS ACCOUNT			
36.	Capital and surplus, December 31, prior year		14,982,532,137	14,982,532,137
37.	Net income (Line 35)	(95, 182, 396)	(154,892,884)	(13,882,911)
38.	Change in net unrealized capital gains (losses) less capital gains tax of \$(95,092,071)		1.903.054.791	1.104.826.359
39.	Change in net unrealized foreign exchange capital gain (loss)			
40.	Change in net deferred income tax	2 439 356	59 523 566	247 381 944
41.	Change in nonadmitted assets	(22,029,500)	(120, 257, 152)	(226, 200, 254)
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			(700,000)
44.	Change in asset valuation reserve	136,275,254)	(516,680,499)	(360,870,009)
45.	Change in treasury stock			
46.	Surplus (contributed to) withdrawn from Separate Accounts during period	10,136,548	80,460	137,379
47.	Other changes in surplus in Separate Accounts Statement	(11, 136, 701)	156,435	22,620
48.	Change in surplus notes	35,453,985	293,417	293,417
49.	Cumulative effect of changes in accounting principles			,
50.	Capital changes:			
50.	50.1 Paid in			
	50.2 Transferred from surplus (Stock Dividend)			
	50.3 Transferred to surplus	<del>  -</del>		
51.	Surplus adjustment:			
	51.1 Paid in			
	51.2 Transferred to capital (Stock Dividend)			
	51.3 Transferred from capital	ļ		
	51.4 Change in surplus as a result of reinsurance			
52.	Dividends to stockholders			
53.	Aggregate write-ins for gains and losses in surplus		(21,833,860)	230,615,792
54.	Net change in capital and surplus for the year (Lines 37 through 53)		982,312,417	440,957,819
		. , , ,		
55.	Capital and surplus, as of statement date (Lines 36 + 54)	15,399,642,023	15,964,844,554	15,423,489,956
	DETAILS OF WRITE-INS			
	Management and administrative fees		76,812,851	212,191,043
08.302	Change in corporate owned life insurance	74,537,048	37,927,067	58,457,767
	Revenue sharing		73,525,948	151, 195,772
	Summary of remaining write-ins for Line 8.3 from overflow page			24,890,451
	Totals (Lines 08.301 through 08.303 plus 08.398) (Line 8.3 above)	305,988,356	199,274,221	446,735,033
	Change in reserves due to reinsurance agreement			
	Reinsurance ceded adjustment			
	Market value adjustment transfer			
		19 089 895		
	Summary of remaining write-ins for Line 27 from overflow page			(4 000 000 000)
	Summary of remaining write-ins for Line 27 from overflow page  Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	(392,486,981)	(792,737,069)	
2799.		(392,486,981)		(1,355,695,597)
2799. 5301.	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)	(392,486,981)		189,419,444
2799. 5301. 5302.	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)  Reinsurance ceded adjustment  Other changes in surplus	(392,486,981) (10,007,151) (8,565,396)	(21,833,860)	189,419,444 34,927,403
2799. 5301. 5302. 5303.	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)  Reinsurance ceded adjustment  Other changes in surplus	(392,486,981) (10,007,151) (8,565,396)	(21,833,860)	189,419,444 34,927,403
2799. 5301. 5302. 5303. 5398.	Totals (Lines 2701 through 2703 plus 2798)(Line 27 above)  Reinsurance ceded adjustment  Other changes in surplus	(392,486,981) (10,007,151) (8,565,396)	(21,833,860)	

# **CASH FLOW**

		Current Year To Date	Prior Year To Date	Prior Year Ended December 31
	Cash from Operations			
1. Pre	emiums collected net of reinsurance	9,529,247,824	10,040,063,440	20,433,595,404
2. Ne	et investment income	3,084,148,883	2,932,928,114	6,393,738,365
3. Mis	scellaneous income	456,631,218	413,253,910	1,251,485,821
4. To	otal (Lines 1 to 3)	13,070,027,925	13,386,245,464	28,078,819,590
5. Be	enefit and loss related payments	10,071,884,956	8, 197, 344, 557	17,832,334,133
6. Ne	et transfers to Separate Accounts, Segregated Accounts and Protected Cell Accounts	(1,861,783,831)	(21,975,775)	(2,282,031,154
7. Co	ommissions, expenses paid and aggregate write-ins for deductions	1,587,448,148	808,647,449	1,844,829,215
8. Div	vidends paid to policyholders	724,618,689	764,491,155	1,697,939,764
9. Fe	deral and foreign income taxes paid (recovered) net of \$(54,095,468) tax on capital			
g	gains (losses)	107, 180, 367	(226,543,390)	(352,810,012
10. To	otal (Lines 5 through 9)	10,629,348,329	9,521,963,996	18,740,261,946
11. Ne	et cash from operations (Line 4 minus Line 10)	2,440,679,596	3,864,281,468	9,338,557,644
	Cash from Investments			
12. Pro	oceeds from investments sold, matured or repaid:			
12.	.1 Bonds	11,554,365,885	6,435,369,782	14,659,729,714
12.	.2 Stocks	427,096,162	216,544,888	651,548,869
12.	.3 Mortgage loans	1,067,467,235	1,633,776,165	3,846,629,207
12.	.4 Real estate	109,344,565	3,986,096	59,477,126
12.	.5 Other invested assets	586,622,467	367,546,777	907,794,485
12.	.6 Net gains or (losses) on cash, cash equivalents and short-term investments	6,392,181	(18,252,807)	(38,360,762
12.	.7 Miscellaneous proceeds	(333,587,901)	395,948,025	460,436,688
12	.8 Total investment proceeds (Lines 12.1 to 12.7)	13,417,700,594	9,034,918,926	20,547,255,327
13. Co	ost of investments acquired (long-term only):			
13.	.1 Bonds	14,723,611,602	11,644,318,071	21,393,094,405
13.	.2 Stocks	469,372,249	900,512,955	1,877,459,425
13.	.3 Mortgage loans	2,089,081,299	1,419,914,159	3,504,567,522
13.	.4 Real estate	97,457,462	87,825,639	200,908,436
13.	.5 Other invested assets	641,783,806	827,102,826	1,568,129,204
13.	.6 Miscellaneous applications	(57,793,192)	(18,456,264)	511,793,079
13.	.7 Total investments acquired (Lines 13.1 to 13.6)	17,963,513,226	14,861,217,386	29,055,952,071
14. Ne	et increase (or decrease) in contract loans and premium notes	291,407,486	207,527,275	647,665,084
15. Ne	et cash from investments (Line 12.8 minus Line 13.7 and Line 14)	(4,837,220,118)	(6,033,825,735)	(9, 156, 361, 828
	Cash from Financing and Miscellaneous Sources			
16. Ca	ash provided (applied):			
16.	.1 Surplus notes, capital notes	35,453,985	293,417	293,417
16.	.2 Capital and paid in surplus, less treasury stock			
16.	.3 Borrowed funds	(71,563)	10,577,024	(26,916,744
16.	.4 Net deposits on deposit-type contracts and other insurance liabilities	668,332,727	277,743,191	755,330,761
16	.5 Dividends to stockholders			
16	.6 Other cash provided (applied)	(378,594,224)	1,749,948,121	(233,612,080
	et cash from financing and miscellaneous sources (Line 16.1 through Line 16.4 minus Line 16.5 lus Line 16.6)	325,120,925	2,038,561,753	495,095,354
	RECONCILIATION OF CASH, CASH EQUIVALENTS AND SHORT-TERM INVESTMENTS			
	et change in cash, cash equivalents and short-term investments (Line 11, plus Lines 15 and 17)	(2.071.419.597)	(130,982,514)	677,291,170
	ash, cash equivalents and short-term investments:			
	.1 Beginning of year	3,725,936,280	3,048,645,110	3.048.645.110
	.2 End of period (Line 18 plus Line 19.1)	1,654,516,683	2,917,662,596	3,725,936,280
		,, ,	, - , , ,	., _:,,500, <b>_</b> 00
	emental disclosures of cash flow information for non-cash transactions:  Bond conversions and refinancing	398,684,983	157, 105, 141	419,261,51
0.0002.	Bonds received as consideration for a group annuity contract	270,503,724		905,045,06
	Transfer of affiliated common stock	, ,	2,582,572	
0.0005.	Change in market value of COLI	74,755,442		58,874,19
	Stock conversions Dividend reinvestment		1,362,817 1,471,112	22,066,66
	Other invested assets to stock Other invested assets contributed to subsidiary	179,934		
			600 100 706	600 100 700

Note: Supplemental disclosures of cash flow information for non-cash transaction	S:	
20.0011. Bank loan rollovers	4,591,260	4,591,260
20.0012. Net investment income payment in-kind bonds	1,622,899	3,999,576
20.0013. Interest capitalization for long-term debt	1,062,428	1,844,174
	ans	3,286,679,337
20.0015. Premium recognized for a group annuity contract		905,045,062
20.0016. Bonds converted from long-term to short-term		88,838,415

# **EXHIBIT 1**

DIRECT PREMIUMS AND DEPOSIT-TYPE CONTRACTS

	DIRECT PREMIUMS AND DEPOSIT-TYPE CO	ONTRACTS		
		1 Current Year	2 Prior Year	3 Prior Year Ended
		To Date	To Date	December 31
	-	10 Date	10 Date	December 31
1.	Industrial life			
2.	Ordinary life insurance	3.109.529.564	2.827.817.993	6.406.227.881
	,		, , , , , , , , , , , , , , , , , , , ,	, , ,
	Ordinary individual annuities	1 070 500 010	1 114 201 120	0 400 070 070
3.	Ordinary individual armuities	1,070,302,913 [.	1, 114, 301, 130	2,420,210,010
4.	Credit life (group and individual)			
5.	Group life insurance	592.107.433	798.656.319	1.485.245.423
0.	3.555			,,,,
		4 054 045 700	4 540 604 056	10 000 400 470
6.	Group annuities	4,231,813,706	4,543,681,056	10,200,489,470
7.	A & H - group	39,293	79,305	160,081
8.	A & H - credit (group and individual)			
0.	The transfer of the transfer o			
	A O II II	000 500 040	040 040 000	700 404 000
9.	A & H - other	300,320,840 [.	349,040,022	
10.	Aggregate of all other lines of business			
11.	Subtotal	9 384 521 755	9,634,182,425	21 295 888 663
40		0 050 700 500	4 070 000 000	0 000 405 400
12.	Deposit-type contracts	2,850,763,509	1,870,223,236	3,890,495,490
13.	Total	12,235,285,264	11,504,405,661	25, 186, 384, 153
	DETAILS OF WRITE-INS			
	DETAILED OF WHITE INC			
1001.				
1002.				
1003.				
7000.				
1098.	Summary of remaining write-ins for Line 10 from overflow page			
1099.	Totals (Lines 1001 through 1003 plus 1098)(Line 10 above)			
	·			

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#### Note 1 - Summary of Significant Accounting Policies and Going Concern

a. Accounting practices:

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

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

		F/S	F/S		
	SSAP#	Page	Line #	2017	2016
NET INCOME					
(1) State basis (Page 4, Line 35, Columns 1 & 3)	XXX	XXX	XXX	\$ (95,182,396)	\$ (13,882,911)
(2) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	-
(3) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	
(4) NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ (95,182,396)	\$ (13,882,911)
SURPLUS					
(5) State basis (Page 3, Line 38, Columns 1 & 2)	XXX	XXX	XXX	\$ 15,399,642,023	\$ 15,423,489,956
(6) State prescribed practices that increase/(decrease) NAIC	N/A	N/A	N/A	-	-
(7) State permitted practices that increase/(decrease) NAIC	N/A	N/A	N/A		
(8) NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$ 15,399,642,023	\$ 15,423,489,956

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

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

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

(7-11) No change

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

(13-14) No change

d. Going concern - No change

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

a. For the six months ended June 30, 2017, corrections of prior year errors were recorded in surplus, net of tax:

	Increase (Decrease) to:			Correction	
	Prior Current			of Asset	
	Years	Year		or Liability	
_	Net Income	Surplus		Balances	
Partnerships and limited liability companies \$	-	\$ (1,477,867)	\$	(1,477,867)	
Cash, cash equivalents and short-term investments	(8,909,401)	(8,909,401)		(8,909,401)	
Other than invested assets	(958,378)	(958,378)		(958,378)	
Policyholders' reserves	5,280,979	5,280,979		(5,280,979)	
Total \$	(4,586,800)	\$ (6,064,667)	\$	(16,626,625)	

Of the \$6,064,667 decrease to surplus for prior year errors, \$4,586,800 was recorded as prior period adjustments and \$1,477,867 was recorded as a change in nonadmitted assets, net of tax in the Statutory Statements of Changes in Surplus.

For the six months ended June 30, 2016, corrections of prior year errors were recorded in surplus, net of tax:

Increase (Decrease) to: Correction Prior Current of Asset Years Year or Liability Balances Net Income Surplus Federal income tax receivable (19,361,709)\$ (19,361,709)\$ 19,361,709 Partnerships and limited liability companies (5.286.659)5,286,659 Fees and other income (2,472,150)(2,472,150)2,472,150 Total (27,120,518) 27,120,518 (21.833.859)

Of the \$27,120,518 decrease to surplus for prior year errors, \$21,833,859 was recorded as prior period adjustments and \$5,286,659 was recorded as a change in net unrealized capital gains (losses), net of tax in the Statutory Statements of Changes in Surplus.

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

#### b. Adoption of new accounting standards

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

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

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

In June 2016, the NAIC adopted substantive revisions to SSAP No. 51, *Life Contracts*, to incorporate references to the Valuation Manual (VM) and to facilitate the implementation of PBR, which were effective on January 1, 2017. The adoption of PBR only applies to new life insurance policies issued after January 1, 2017, however the Company plans to adopt these revisions to SSAP No.51 using the 3-year phased in approach by no later than January 1, 2020. The Company currently uses formulas and assumptions to determine reserves as prescribed by state laws and regulations. Under PBR, the Company will be required to hold the higher of (a) the reserve using prescribed factors and (b) the PBR reserve which considers a wide range of future economic conditions, computed using justified company experience factors, such as mortality, policyholder behavior and expenses. The Company is currently assessing the impact of these modifications on the Company's financial statements.

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

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

## $\underline{\textbf{Note 3 - Business Combinations and Goodwill}} \text{ - No change}$

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

#### Note 5 - Investments

- a. Mortgage loans, including mezzanine real estate loans No change
- b. Debt restructuring No change
- c. Reverse mortgages No change

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

		(1)		(2)		(3)
				OTTI		
		Amortized		ecognized		
		Cost Basis		in Loss		
		Before	(2a)	(2b)		Fair Value
		OTTI	Interest	Non-interest		1-(2a+2b)
OTTI						
OTTI recognized in the first quarter  a. Intent to sell	\$		\$ -	¢	σ	
<ul><li>a. Intent to sell</li><li>b. Inability or lack of intent to retain the investment</li></ul>	Ф	-	Ф -	\$ -	Ф	-
in the security for a period of time sufficient to						
recover the amortized cost basis		42,292,770	_	429,458		41,863,312
c. Total first quarter	\$	42,292,770	\$ -	\$ 429,458	\$	41,863,312
c. Total first quarter	Ψ	42,292,110	<u>Ψ -</u>	Ψ 429,430	Ψ	41,003,312
OTTI recognized in the second quarter						
d. Intent to sell	\$	_	\$ -	\$ -	\$	_
e. Inability or lack of intent to retain the investment	Ψ		Ψ	Ψ	Ψ	
in the security for a period of time sufficient to						
recover the amortized cost basis		40,538,551	_	729,596		39,808,955
f. Total second quarter	\$	40,538,551	\$ -	\$ 729,596	\$	39,808,955
	<u>*</u>	.0,000,00.	<del>*</del>	<u> </u>	= <u>*</u>	20,000,000
OTTI 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	\$	-	\$ -	\$ -	\$	
			<del></del>	- <del>-</del>		_
OTTI recognized in the fourth quarter						
j. Intent to sell	\$	-	\$ -	\$ -	\$	-
k. Inability or lack of intent to retain the investment						
in the security for a period of time sufficient to						
recover the amortized cost basis	_			· <del></del>		
I. Total fourth quarter	\$		<del>\$</del> -	\$	\$	-
			<del></del>		-	
m. Annual aggregate total			\$ -	\$ 1,159,054	=	

All impairments were taken due to 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
17307GH76	\$ 274,893.76	\$ 44,730.49	\$ (230,163.27)	\$ 44,730.49	\$ 152,776.75	March 31, 2017
22541QJR4	11,175.33	53.52	(11,121.81)	53.52	6,865.92	March 31, 2017
32051DCK6	182,177.17	160,728.11	(21,449.06)	160,728.11	179,180.14	March 31, 2017
45660LYW3	504,390.54	471,422.84	(32,967.70)	471,422.84	457,164.86	March 31, 2017
55274SAM3	225,789.88	209,839.17	(15,950.71)	209,839.17	218,832.17	March 31, 2017
86358RA23	1,326,199.14	1,253,635.93	(72,563.21)	1,253,635.93	1,289,098.83	March 31, 2017
86359ACG6	6,287.32	48.80	(6,238.52)	48.80	2.41	March 31, 2017
77277LAF4	22,537,014.10	22,514,590.18	(22,423.92)	22,514,590.18	31,699,906.98	March 31, 2017
77277LAH0	1,136,181.78	1,135,087.94	(1,093.84)	1,135,087.94	2,662,526.10	March 31, 2017
77277LAJ6	16,088,661.07	16,073,174.85	(15,486.22)	16,073,174.85	19,947,746.34	March 31, 2017
76110H4M8	4,413.15	2,326.35	(2,086.80)	2,326.35	4,073.27	June 30, 2017
86358RLG0	3,484.71	2,669.64	(815.07)	2,669.64	30,170.77	June 30, 2017
86359ACG6	16,323.86	2.02	(16,321.84)	2.02	2.49	June 30, 2017
88157QAL2	774,182.08	675,598.95	(98,583.13)	675,598.95	1,947,675.43	June 30, 2017
89789KAC9	17,294.14	8,919.66	(8,374.48)	8,919.66	356,046.75	June 30, 2017
77277LAF4	22,514,590.18	22,167,493.44	(347,096.74)	22,167,493.44	34,318,674.16	June 30, 2017
77277LAH0	1,135,087.94	1,118,158.56	(16,929.38)	1,118,158.56	2,738,435.22	June 30, 2017
77277LAJ6	16,073,174.85	15,833,786.94	(239,387.91)	15,833,786.94	21,595,653.49	June 30, 2017
Totals	\$ 82,831,321.00	\$ 81,672,267.39	\$ (1,159,053.61)	\$ 81,672,267.39	\$ 117,604,832.08	

- (4) As of June 30, 2017, the gross unrealized losses and fair values for investments in structured and loan-backed securities for which an OTTI has not been recognized in earnings follow:
  - a. The aggregate amount of unrealized losses:

 1. Less than 12 months
 \$ (24,664,917)

 2. 12 months or longer
 \$ (65,907,247)

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

Less than 12 months
 12 months or longer
 3,377,263,271
 2,474,785,484

- (5) No change
- e. Repurchase agreements:
  - (1-2) No change
  - (3) The Company does not have any securities lending transactions administered by an affiliated agent.
  - (4-6) No change
- f. Real estate No change
- g. Low income housing tax credit properties No change
- h. Restricted assets No change
- i. Working capital finance investments: The Company did not invest in working capital finance investments.
- j. Offsetting and netting of assets and liabilities: The Company reports derivative and repurchase agreement assets and liabilities as gross in the financial statements without offsetting.

#### k. Structured notes:

A structured note is a direct debt issuance by a corporation, municipality, or government entity, ranking pari-passu with the issuer's other debt issuance of equal seniority where either: (a) the coupon and/or principal payments are linked, in whole or in part, to prices or payment streams from index or indices, or assets deriving their value from other than the issuer's credit quality, or (b) the coupon and/or principal payments are leveraged by a formula that is different from either a fixed coupon, or a non-leveraged floating rate coupon linked to an interest rate index, including but not limited to the London Interbank Offered Rate (LIBOR) or the prime rate. As structured notes are issuer obligations without a trust, they are within the scope of SSAP No. 26, "Bonds, Excluding Loan-backed and Structured Securities" (SSAP No. 26). Structured notes are different than the asset backed structured securities, which are accounted for under SSAP No. 43R, "Revised - Loan-Backed and Structured Securities" (SSAP No. 43R), as they lack either a trust or assets backing them. The disclosure below allows regulators to assess the volume of activity in structured notes and to determine whether additional accounting or reporting revisions, such as valuation and risk-based capital, are needed. To satisfy this request, the Company is required to separately identify structured notes, on a CUSIP basis and provide information by CUSIP for actual cost, fair value, book/adjusted carrying value, and whether the structured note is a mortgage-referenced security. The following sets forth the actual cost, fair value and carrying value of structured notes as of June 30, 2017:

CUSIP Identification 30711XBE3 3137G0EQ8 3137G0HQ5 391164AF7 912810FR4 912810PS1 912810RF7 912828GX2 G5284FAA3 P7794GAH5	Actual Cost \$ 1,312,631 2,055,131 3,457,344 8,467,560 4,944,283 1,874,118 67,974,258 1,982,647 77,879,089 1,262,834	Fair Value \$ 1,315,289 2,057,856 3,472,847 8,342,597 6,236,510 2,674,642 79,890,667 2,066,199 72,937,700 1,264,746	Book / Adjusted Carrying Value \$ 1,312,631 2,055,131 3,457,344 8,302,430 4,867,399 1,886,050 68,157,696 1,807,755 78,568,738 1,269,831	Mortgage- Referenced Security (YES/NO) YES YES YES NO
Total	\$ 171,209,895	\$ 180,259,053	\$ 171,685,005	XXX

#### I 5\* Securities

Investment		Number of 5*	Securities	Aggregate	BACV	Aggregate Fair Value		
		Current Year	Prior Year	Current Year	Prior Year	Current Year	Prior Year	
(1) Bonds - AC		33	33	267,223,296	295,630,424	271,835,781	298,894,001	
(2) Bonds - FV		-	-	-	-	-	-	
(3) LB&SS - AC		-	-	-	-	-	-	
(4) LB&SS - FV		-	-	-	-	-	-	
(5) Preferred Stock -	AC	2	2	12,642,000	12,642,000	14,070,118	13,678,407	
(6) Preferred Stock -	FV	-	-	-	-	-	-	
(7) Total (1+2+3+4+5	+6)	35	35	\$279,865,296	308,272,424	\$285,905,899	312,572,408	

AC - Amortized Cost FV - Fair Value

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

Note 7 - Investment Income - No change

Note 8 - Derivative Instruments - No change

Note 9 - Income Taxes - No change

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

a-c. The Company recorded dividends in net investment income, from MassMutual Holding LLC (MMHLLC) of \$403,220,611 through the six months ended June 30, 2017 and \$200,000,000 through the six months ended June 30, 2016.

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

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

The Company contributed additional capital of \$20,495,920 to MMHLLC through the six months ended June 30, 2017 and \$668,853,106 through the six months ended June 30, 2016.

#### d-f. No change

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

The Company has no parent.

h-n. No change

#### Note 11 - Debt

- a. No change
- b. Federal Home Loan Bank agreements
- (1) The Company is a member of the Federal Home Loan Bank of Boston (FHLB Boston). Through its membership, the Company has conducted business activity (borrowings) with the FHLB Boston. The Company uses these funding agreements with the FHLB Boston in an investment spread strategy, consistent with its other investment spread operations. The Company has determined the actual maximum borrowing capacity as \$2,000,000,000. The Company's unused capacity was \$896,147,824 as of June 30, 2017.
- (2) FHLB Boston capital stock
  - a. Aggregate totals:

		 Ju	ne 30, 2017	
		1	2	3
		Total	General	Separate
		2+3	Account	Account
1.	Current Year:			
	(a) Membership stock - Class A	\$ - :	\$ -	\$ -
	(b) Membership stock - Class B	25,000,000	25,000,000	-
	(c) Activity Stock	52,500,000	52,500,000	-
	(d) Excess Stock	 =	-	_
	(e) Aggregate Total	\$ 77,500,000	\$ 77,500,000	\$ -
	(f) Actual or Estimated Borrowing Capacity			
	as Determined by the Insurer	\$ 2,000,000,000	\$ 2,000,000,000	\$ -
2.	Prior Year-end:			
	(a) Membership stock - Class A	\$ - :	\$ -	\$ -
	(b) Membership stock - Class B	25,000,000	25,000,000	-
	(c) Activity Stock	49,500,000	49,500,000	-
	(d) Excess Stock	 =	-	_
	(e) Aggregate Total	\$ 74,500,000	\$ 74,500,000	\$ -
	(f) Actual or Estimated Borrowing Capacity as determined by the Insurer	\$ 2,000,000,000	\$ 2,000,000,000	\$ -

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

Six Months	Ended	June	30,	2017

	1	2		Eligible for R	edemption		
			3	4	5	6	
	Current	Not Eligible	Less	6 Months	1 to Less		
Membership	Year	for	Than 6	to Less	Than	3 to 5	
Stock	Total	Redemption	Months	Than 1 Year	3 Years	Years	
1. Class A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
2. Class B	25,000,000	25,000,000	-	-	-	-	

### (3) Collateral pledged to FHLB:

a. Amount pledged as of June 30, 2017:

1. Current year total general and separate accounts:

Fair		Carrying	Aggregate Total			
	Value	Value		Borrowing		
\$	1,513,451,039	\$ 1,226,477,110	\$	1,103,721,463		

2. Current year general account:

Total collateral pledged

 Fair
 Carrying
 Aggregate Total

 Value
 Value
 Borrowing

 \$ 1,513,451,039
 \$ 1,226,477,110
 \$ 1,103,721,463

Total collateral pledged

3. Current year separate accounts:

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

Total collateral pledged

Total collateral pledged

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

Fair	Carrying	Α	ggregate Total
Value	Value		Borrowing
\$ 1,224,828,740	\$ 1,126,084,090	\$	1,103,883,820

Maximum amount pledged for the six months ended June 30, 2017:

1. Current year total general and separate accounts:

			Aı	mount Borrowed
	Fair	Carrying	at 7	Time of Maximum
	Value	Value		Collateral
Maximum collateral pledged	\$ 1,546,806,705	\$ 1,252,604,514	\$	1,107,351,703

Current year general account:

				Amount Borrowed
	Fair	Carrying	а	t Time of Maximum
	Value	Value		Collateral
9	1,546,806,705	\$ 1,252,604,514	9	1,107,351,703

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:

			ıA	mount Borrowed
	Fair	Carrying	at 7	Time of Maximum
	Value	Value		Collateral
Maximum collateral pledged	\$ 1,224,686,104	\$ 1,126,965,711	\$	1,107,803,111

#### (4) Borrowing from FHLB:

#### a. Amount:

1. Current year:

ourront your.	June 30, 2017							
	1	2	3	4				
	Total	General	Separate	Funding Agreements				
	2+3	Account	Account	Reserves Established				
(a) Debt	\$ -	\$ -	\$ -	\$ -				
(b) Funding agreements	1,103,721,463	1,103,721,463	-	1,103,721,463				
(c) Other		-	-	=				
(d) Aggregate total	\$ 1,103,721,463	\$ 1,103,721,463	\$ -	\$ 1,103,721,463				

#### 2. Prior Year-end:

		December	· 31,	2016				
	1	2		3		4		
	Total	General	S	eparate	Funding Agreements			
	2+3	Account	A	Account	Res	erves Established		
(a) Debt	\$ -	\$ -	\$	-	\$	-		
(b) Funding agreements	1,103,753,115	1,103,753,115		-		1,103,753,115		
(c) Other	=	-		-		-		
(d) Aggregate total	\$ 1,103,753,115	\$ 1,103,753,115	\$	-	\$	1,103,753,115		

#### b. Maximum Amount:

		Six Month	ns Ended June 30, 20	17
		1	2	3
		Total	General	Separate
		2+3	Account	Account
1.	Debt	\$ -	\$ -	\$ -
2.	Funding	1,107,351,703	1,107,351,703	-
3.	Other		-	-
4.	Aggregate	\$ 1,107,351,703	\$ 1,107,351,703	\$ -

### c. FHLB - Prepayment Obligations:

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

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

## Note 12 - Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other

# Postretirement Benefit Plans a. Defined Benefit Plan

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

#### (2-3) No change

				Six Months Ende	d June 30,		
	 2017	2016		2017	2016	2017	2016
	Pension			Postretiren	nent	Special or Contract	tual Benefits
	 Benefits	i		Benefits	3	per SSAP N	lo 11
(4) Components of net periodic benefit							
cost							
a. Service cost	\$ 62,974,535 \$	42,587,519 \$	5	6,100,000 \$	5,100,000 \$	- \$	-
b. Interest cost	56,158,831	56,554,892		6,350,000	5,850,000	-	-
c. Expected return on plan assets	(73,714,751)	(71,991,256)		(50,000)	(50,000)	-	-
d. Transition asset or obligation	-	-		-	-	-	-
e. Gains and losses	32,599,023	35,142,700		900,000	1,600,000	-	-
f. Prior service cost or (credit)	1,561,342	1,561,342		(2,750,000)	(2,750,000)	-	-
settlement or curtailment	 -	-		-	-	-	_
h. Total net periodic benefit cost	\$ 79,578,980 \$	63,855,197 \$	6	10,550,000 \$	9,750,000 \$	- \$	_

(5-21) No change

b-j No change

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

(1-3) No change

(4) The Company recorded dividends, recorded in net investment income, from MMHLLC of \$403,000,000 through the six months ended June 30, 2017 and \$200,000,000 through the six months ended June 30, 2016.

(5-10) No change

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

	Par Value		Interest and/or	L	Jnapproved		
	(Face	Carrying	Principal		Interest	Total Interest	
Interest	Amount of	Value of	Approved and		and/or	and/or	Date of
Issue Date Rate	Notes)	Note*	Paid Current Year		Principal	Principal Paid	Maturity
11/15/1993 7.625%	\$ 250,000,000	\$ 250,000,000	\$ 9,531,250	\$ 2	,382,813 \$	447,968,750	11/15/2023
03/01/1994 7.500%	100,000,000	100,000,000	3,750,000	2	,500,000	172,500,000	03/01/2024
05/12/2003 5.625%	250,000,000	249,391,458	7,031,250	1	,757,813	196,992,188	05/15/2033
06/01/2009 8.875%	310,000,000	307,078,508	26,013,611	2	,292,708	525,232,361	06/01/2039
01/17/2012 5.375%	400,000,000	398,911,364	10,750,000	1	,791,667	115,502,778	12/01/2041
04/15/2015 4.500%	500,000,000	491,321,035	11,250,000	4	,687,500	45,000,000	04/15/2065
03/20/2017 4.500%	475,000,000	470,740,375	=	6	,594,583	<u> </u>	04/01/2077
Total	\$ 2,285,000,000	\$ 2,267,442,740	\$ 68,326,111	\$ 22	,007,083 \$	1,503,196,076	

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

All payments of interest and principal are subject to the prior approval of the Division. Anticipated sinking fund payments are due for the notes issued in 1993 and 1994 as follows: \$62,500,000 in 2021, \$87,500,000 in 2022, \$150,000,000 in 2023 and \$50,000,000 in 2024. There are no sinking fund requirements for the notes issued in 2003, 2009, 2012 or 2015. Scheduled interest on the notes issued in 1993 and 2003 is payable on May 15 and November 15 of each year to holders of record on the preceding May 1 or November 1, respectively. Scheduled interest on the note issued in 1994 is payable on March 1 and September 1 of each year to holders of record on the preceding February 15 or August 15, respectively. Scheduled interest on the notes issued in 2009 and 2012 is payable on June 1 and December 1 of each year to holders of record on the preceding May 15 and November 15, respectively. Scheduled interest on the note issued in 2015 is payable on April 15 and October 15 of each year to holders of record on the preceding April 1 and October 1, respectively. Interest expense is not recorded until approval for payment is received from the Division. As of June 30, 2017, the unapproved interest was \$22,007,083. Through June 30, 2017, the Company paid cumulative interest of \$1,503,196,076 on surplus notes. Interest of \$68,326,111 was approved and paid during the six months ended June 30, 2017. Interest of \$151,187,500 was approved and paid during the year ended December 31, 2016.

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

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

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

In 2009, several lawsuits were filed as putative class actions and later consolidated before the federal district court in Colorado in connection with the investment performance of Oppenheimer Rochester California Municipal Fund (the California Fund Suit). This fund was advised by OppenheimerFunds, Inc. (OFI) and distributed by its subsidiary OppenheimerFunds Distributor, Inc. (OFDI). The plaintiffs in the California Fund Suit asserted claims against the Company, OFI, OFDI and certain present and former trustees and officers of the fund under federal securities laws and alleged, among other things, the disclosure documents of the fund contained misrepresentations and omissions, that the investment policies of the fund were not followed, and that the fund and the other defendants violated federal securities laws and regulations and certain state laws. In March 2015, the district court granted the plaintiffs' motion to certify a class and to appoint class representatives and class counsel. In December 2015, the appeals court denied defendants' petition to appeal the district court's class certification order. Motions for summary judgment are pending. Mediation occurred in January 2017, which did not result in a settlement. The expected settlement does not have a significant financial impact on the Company.

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

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

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

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

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

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

#### f. Regulatory matters

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

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

#### Note 15 - Leases - No change

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

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

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

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

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

#### Note 20 - Fair Value Measurements

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

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

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

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

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

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

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

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

	June 30, 2017								
		Level 1		Level 2		Level 3		Total	
Financial assets:									
Bonds:	_		_		_		_		
States, territories and possessions	\$	-	\$	4,740,000	\$	-	\$	4,740,000	
Special revenue		-		610,000		-		610,000	
Industrial and miscellaneous		-		7,391,739		46,820,196		54,211,935	
Parent, subsidiaries and affiliates		-		37,010,706		57,416,790		94,427,496	
Preferred stocks		2,891,239		-		2,829,455		5,720,694	
Common stock - subsidiaries and affiliates		494,634,520		-		104,800,371		599,434,891	
Common stock - unaffiliated		914,093,769		-		283,946,783		1,198,040,552	
Derivatives:									
Interest rate swaps		-		7,951,624,861		-		7,951,624,861	
Options		-		699,000,581		-		699,000,581	
Currency swaps		-		683,490,284		-		683,490,284	
Forward contracts		-		8,166,813		-		8,166,813	
Credit default swaps		-		1,251,712		-		1,251,712	
Separate account assets		42,692,770,500		22,689,590,851		752,598,535		66,134,959,886	
Total financial assets carried									
at fair value	\$	44,104,390,028	\$	32,082,877,547	\$	1,248,412,130	\$	77,435,679,705	
Financial liabilities:									
Derivatives:									
Interest rate swaps	\$	-	\$	5,832,044,099	\$	-	\$	5,832,044,099	
Options		-		7,782,198		-		7,782,198	
Currency swaps		-		146,231,955		-		146,231,955	
Forward contracts		-		74,651,056		-		74,651,056	
Credit default swaps		-		464,201		-		464,201	
Total financial liabilities carried	_		_	0.004.4=0.555	_		_		
at fair value	\$	-	\$	6,061,173,509	\$	-	\$	6,061,173,509	

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, 2017, \$298,342,115 of equity securities were transferred from Level 2 to Level 1.

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

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

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

	Balance			Gains						Balance
	as of	Transfe	ers <sup>(1)</sup>	(Loses) in	Gains in					as of
	01/01/2017	In	Out	Net Income	Surplus	Purchases	Issuances	Sales	Settlements	06/30/2017
Financial assets:										
Bonds:										
Industrial and miscellaneous	\$ 56,833,539	\$ 8,864,289	\$ (20,501,242)	\$ 934,974 \$	4,342,172	\$ 206,229	\$ -	\$ (1,178,610)	(2,681,155) \$	46,820,196
Parent, subsidiaries										
and affiliates	51,963,109	-	=	=	5,453,681	=	=	-	-	57,416,790
Preferred stock	2,734,341	95,114	=	=	-	=	=	-	=	2,829,455
Common stock - subsidiaries										
and affiliates	63,196,191	11,795,670	-	-	29,808,510	-	-	-	-	104,800,371
Common stock - unaffiliated	188,576,330	182,751,946	(125,869,636)	(154,419)	46,015,465	29,675,444	-	(2,286,332)	(34,762,015)	283,946,783
Separate account assets	737,948,300	-	-	31,531,120		38,125,785	-	(53,708,961)	(1,297,709)	752,598,535
Total financial assets	\$ 1,101,251,810	\$ 203,507,019	\$ (146,370,878)	\$ 32,311,675 \$	85,619,828	\$ 68,007,458	\$ -	\$ (57,173,903)	S (38,740,879) \$	1,248,412,130

<sup>(1)</sup> Level 3 transfers in are assets that are consistently carried at fair value but have had a level change. The common stock unaffiliated assets were transferred from Level 2 to Level 3 due to a change in the observability of pricing inputs.

		Balance				Gains	(Losses)					Balance
		as of	Trans	ers(	1)	(Loses) in	Gains in					as of
	_	01/01/2016	In		Out	Net Income	Surplus	Purchases	Issuances	Sales	Settlements	12/31/2016
Financial assets:												
Bonds:												
Industrial and miscellaneous	\$	21,822,270	\$ 62,018,704	\$	(400,000)	\$ (11,937,984)	\$ (13,183,256)	\$ 408,913	\$ 4,057,059	\$ (61)	\$ (5,952,106)	\$ 56,833,539
Parent, subsidiaries, and affiliates		44,987,196	8,962,866		-	564,823	6,975,913	1,953,045	10,982,187	(2,523,873)	(19,939,048)	51,963,109
Preferred Stock		2,433,928	-		(1,565,363)	-	(92,373)	1,958,149	-	-	-	2,734,341
Common stock - subsidiaries												
and affiliates		39,651,503	15,896,989		-	18,529	7,478,296	-	369,403	(18,529)	(200,000)	63,196,191
Common stock - unaffiliated		179,143,468	4,578,828		-	(490,006)	(4,892,076)	12,022,672	791,170	(1,726,973)	(850,753)	188,576,330
Separate account assets	_	725,326,815	5,096,000		-	21,359,610	=	149,191,756	-	(152,961,206)	(10,064,675)	737,948,300
Total financial assets	\$	1,013,365,180	\$ 96,553,387	\$	(1,965,363)	\$ 9,514,972	\$ (3,713,496)	\$ 165,534,535	\$ 16,199,819	\$ (157,230,642)	\$ (37,006,582)	\$ 1,101,251,810

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

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

#### 4. Valuation Techniques and Inputs

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

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

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

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

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

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

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

- 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, 20	17		
						Not
						Practicable
	Aggregate	Admitted				(Carrying
	Fair Value	Assets	Level 1	Level 2	Level 3	Value)
Financial assets:						
Bonds:						
U. S. government and agencies	\$ 7,535,044,977	\$ 6,943,874,085	\$ - :	\$ 7,531,534,484	\$ 3,510,493	\$ -
All other governments	1,131,496,360	1,072,635,369	-	1,060,430,561	71,065,799	-
States, territories and possessions	691,170,038	638,901,766	-	691,170,038	-	-
Political subdivisions	526,645,665	487,234,451	-	526,645,665	-	-
Special revenue	6,314,485,688	5,646,541,744	-	6,304,023,436	10,462,252	-
Industrial and miscellaneous	69,945,975,717	67,274,056,683	-	41,861,406,754	28,084,568,963	-
Parent, subsidiaries and affiliates	5,910,837,375	5,787,605,493	-	478,922,190	5,431,915,185	-
Preferred stocks	499,327,833	479,367,488	42,801,534	-	456,526,299	-
Common stocks - subsidiaries						
and affiliates <sup>(1)</sup>	599,434,891	599,434,891	494,634,520	-	104,800,371	-
Common stocks - unaffiliated	1,198,040,552	1,198,040,552	914,093,769	-	283,946,783	-
Mortgage loans - commercial	20,823,990,120	20,251,235,845	-	-	20,823,990,120	-
Mortgage loans - residential	1,782,649,548	1,816,603,780	-	-	1,782,649,548	-
Cash, cash equivalents and						
short-term investments	1,654,516,683	1,654,516,683	103,261,665	1,551,255,018	-	-
Derivatives:						
Interest rate swaps	8,566,412,371	7,951,624,860	-	8,566,412,371	-	-
Options	699,000,581	699,000,581	-	699,000,581	-	-
Currency swaps	683,490,284	683,490,284	-	683,490,284	-	-
Forward contracts	15,052,375	8,166,813	-	15,052,375	-	-
Credit default swaps	44,927,921	38,559,366	-	44,927,921	-	-
Separate account assets	66,134,959,886	66,134,959,886	42,692,770,500	22,689,590,851	752,598,535	-
Financial liabilities:						
Repurchase agreements	4,233,997,723	4,233,997,723	-	4,233,997,723	-	-
Commercial paper	249,906,507	249,906,507	-	249,906,507	-	-
Guaranteed interest contracts	8,042,548,810	8,037,267,240	-	-	8,042,548,810	-
Group annuity contracts and						
other deposits	18,611,043,663	18,056,501,642	-	-	18,611,043,663	-
Individual annuity contracts	7,982,780,969	6,556,921,926	-	-	7,982,780,969	-
Supplementary contracts	1,164,907,828	1,163,742,451	-	-	1,164,907,828	-
Derivatives:						
Interest rate swaps	5,861,499,141	5,832,044,099	-	5,861,499,141	-	-
Options	7,782,198	7,782,198	-	7,782,198	-	-
Currency swaps	146,231,955	146,231,955	-	146,231,955	-	-
Forward contracts	74,423,566	74,651,056	-	74,423,566	-	-
Credit default swaps	2,986,413	2,250,139	-	2,986,413	-	-

<sup>(1)</sup> Common stocks - subsidiaries and affiliates do not include unconsolidated subsidiaries, which had a statutory carrying value of \$13,612,882,456.

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

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

d. As of June 30, 2017 and December 31, 2016, the Company had no investments where it was not practicable to estimate fair value.

#### Note 21 - Other Items

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

Common stocks of unconsolidated subsidiaries, primarily MMHLLC and MassMutual International LLC (MMI), are accounted for using the statutory equity method. The Company accounts for the value of MMHLLC and MMI at its underlying U.S. generally accepted accounting principles (GAAP) equity value adjusted to remove certain nonadmitted and intangible assets. MMHLLC's value is also adjusted by a portion of its noncontrolling interests (NCI) and appropriated retained earnings, after consideration of MMHLLC's fair value and the Company's capital levels. The Division has affirmed the statutory recognition of the Company's application of the NCI guidelines in MMHLLC's statutory carrying value. However, the Company has limited this recognition to \$2,582,348,916 as of June 30, 2017 and \$2,675,250,656 as of December 31, 2016. Operating results, less dividend distributions, for MMHLLC are reflected as net unrealized capital gains (losses) in the Statutory Statements of Changes in Surplus. Dividend distributions declared from MMHLLC are recorded in net investment income and are limited to MMHLLC's U.S. GAAP retained earnings. The cost basis of common stocks – subsidiaries and affiliates is adjusted for impairments deemed to be other than temporary.

#### Business risks

The Company operates in a business environment subject to various risks and uncertainties. The principal risks include insurance and underwriting risks, investment and interest rate risks, currency exchange risk and credit risk. The combined impact of these risks could have a material, adverse effect on the Company's financial statements or result in operating losses in future periods. The Company employs the use of reinsurance, portfolio diversification, asset/liability management processes and other risk management techniques to mitigate the impact of these risks. This condensed risks and uncertainties disclosure should be read in conjunction with the disclosure in the Company's 2015 Annual Statement.

#### Insurance and underwriting risks

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

#### Investment and interest rate risks

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

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

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

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

#### Currency exchange risk

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

#### Credit and other market risks

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

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

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

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

#### Political Uncertainties

Political events, such as the ongoing volatility with respect to the European Union, may trigger or exacerbate the risk factors described above. Whether those underlying risk factors are driven by politics or not, the Company's dynamic approach to managing risks enables us to utilize the mitigating actions described above to attempt to reduce the potential impact of each underlying risk factor on the Company.

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

(3) The actual cost reduced by paydowns, carrying value, fair value and related gross realized losses from OTTI of the Company's investments with significant Alt-A and subprime exposure were as follows:

_		June 30, 2017		Six Months Ended June 30, 2017
	Actual	Carrying	Fair	
Alt-A:	Cost	Value	Value	OTTI
a. Residential mortgage-backed securities \$	301,467,384	\$ 324,741,705	\$ 393,505,110	\$ 46,177
b. Commercial mortgage-backed securities	-	-	-	-
c. Collateralized debt obligations	-	-	-	-
d. Structured securities	-	-	-	-
e. Equity investments in SCAs *	22,054,826	23,415,702	27,951,551	19,015
f. Other assets	-	-	-	<u>-</u>
g. Total \$	323,522,210	\$ 348,157,407	\$ 421,456,661	\$ 65,192

						Six	Months Ended	
_	June 30, 2017					June 30, 2017		
	Actual		Carrying		Fair			
Subprime:	Cost		Value		Value	OTTI		
a. Residential mortgage-backed securities \$	261,368,824	\$	301,100,093	\$	361,617,717	\$	106,957	
b. Commercial mortgage-backed securities	-		-		-		-	
c. Collateralized debt obligations	-		-		-		-	
d. Structured securities	-		-		-		-	
e. Equity investments in SCAs *	11,898,871		13,016,882		14,454,317		9,778	
f. Other assets			-		-			
g. Total	273,267,695	\$	314,116,975	\$	376,072,034	\$	116,735	

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

							Year Ended	
_		Dec	ember 31, 2016	3		December 31, 2016		
	Actual		Carrying		Fair			
Subprime:	Cost		Value		Value		OTTI	
a. Residential mortgage-backed securities \$	426,575,800	\$	339,118,699	\$	402,752,703	\$	42,634	
b. Commercial mortgage-backed securities	-		-		-		-	
c. Collateralized debt obligations	2,739,687		-		215,700		-	
d. Structured securities	-		-		-		=	
e. Equity investments in SCAs *	20,888,528		15,726,076		17,137,869		11,949	
f. Other assets	-		-		-		-	
g. Total	450,204,015	\$	354,844,775	\$	420,106,272	\$	54,583	

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

<sup>(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

#### Note 22 - Events Subsequent

Management of the Company has evaluated subsequent events through August 10, 2017, the date the financial statements were available to be issued.

In July 2017, the Company contributed its ownership in certain partnerships and LLCs with a carrying value of approximately \$676,660,751 to IRLLC, a wholly-owned subsidiary of the Company, in an affiliated transaction and therefore no gain or loss was recognized on the transaction.

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

No other events have occurred subsequent to the date of the statement of financial position and before the date of evaluation that would require disclosure.

#### Note 23 - Reinsurance - No Change

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

a – d. No change.

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

#### Note 25 - Change in Incurred Losses and Loss Adjustment Expenses - No change

Note 26 - Intercompany Pooling Arrangements - No change

Note 27 - Structured Settlements - No change

Note 28 - Health Care Receivables - No change

Note 29 - Participating Policies - No change

Note 30 - Premium Deficiency Reserves - No change

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

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

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

Note 34 - Separate Accounts - No change

Note 35 - Loss/Claim Adjustment Expenses - No change

# **GENERAL INTERROGATORIES**

## PART 1 - COMMON INTERROGATORIES

#### **GENERAL**

1.1	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?							
1.2	.2 If yes, has the report been filed with the domiciliary state?							
2.1	Has any change been made during the year of this statement in the or reporting entity?					Yes [ ]	No [ X ]	
2.2	If yes, date of change:				<u>-</u>			
3.1	.1 Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer?  If yes, complete Schedule Y, Parts 1 and 1A.							
3.2	Have there been any substantial changes in the organizational chart	since the prior quarter end?				Yes [ ]	No [ X ]	
3.3	If the response to 3.2 is yes, provide a brief description of those chan	ges.						
4.1	Has the reporting entity been a party to a merger or consolidation du	ring the period covered by this stat	ement?			Yes [ ]	No [ X ]	
4.2	If yes, provide the name of the entity, NAIC Company Code, and stat ceased to exist as a result of the merger or consolidation.	e of domicile (use two letter state a	bbreviation) for any en	ity that has				
	1,	2	3					
	Name of Entity	NAIC Company (	Code State of Domi	cile				
5.	If the reporting entity is subject to a management agreement, including in-fact, or similar agreement, have there been any significant change of the significant changes of the signifi	ng third-party administrator(s), man es regarding the terms of the agree	aging general agent(s) ement or principals invo	attorney- lved?	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>	12/31/2014		
6.2	State the as of date that the latest financial examination report becar date should be the date of the examined balance sheet and not the					12/31	/2014	
6.3	State as of what date the latest financial examination report became the reporting entity. This is the release date or completion date of the date).	e examination report and not the d	ate of the examination	(balance sh	eet	06/30	)/2016	
6.4	By what department or departments?							
6.5	Commonwealth of Massachusetts Division of Insurance Have all financial statement adjustments within the latest financial ex statement filed with Departments?	amination report been accounted f	or in a subsequent fina	ncial	Yes [	] No [	] N/A [ X ]	
6.6	Have all of the recommendations within the latest financial examination	on report been complied with?			Yes [ )	( ] 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?	registrations (including corporate r	egistration, if applicable	e) suspende	d or	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 locatic regulatory services agency [i.e. the Federal Reserve Board (FRB), t Insurance Corporation (FDIC) and the Securities Exchange Commission	he Office of the Comptroller of the	Currency (OCC), the F	ederal Depo				
	1	2 Location (City, Stat	e) FRE	4 3 OCC	5	6		
	Affiliate Name	FDIC	SEC YES					
	Baring International Investment Limited London, UK Barings Securities, LLC Boston, MA							
	Barings Securities, LLC							
	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		
	OppenheimerFunds Distributor, Inc.	New York, NY				YES		
	The MaceMutual Trust Company FSB	Enfield CT		VEQ		1		

# **GENERAL INTERROGATORIES**

9.1	similar functions) of the reporting entity subject to a code of ethics, which includes the following standards?						
	(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting	g entity;					
	(c) Compliance with applicable governmental laws, rules and regulations;						
	(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and						
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).		ioo [ ] iio [ x ]				
	FINANCIAL						
	FINANCIAL						
10.1	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?						
10.2	If yes, indicate any amounts receivable from parent included in the Page 2 amount:	\$	0				
	INVESTMENT						
	INVEST WENT						
11.1	Were any of the stocks, bonds, or other assets of the reporting entity loaned, placed under option agreement, or other		Von [ V ] No [ ]				
11 2	use by another person? (Exclude securities under securities lending agreements.)		Yes [ X ] No [ ]				
	Repurchase agreements, Letter stock or securities restricted as to sale - excluding FHLB Capital Stock, FHLB Capital	al Stock, On deposit with					
	states, pledged as collateral - excluding collateral pledged to an FHLB and Pledged as collateral to FHLB - including agreements	assets backing funding					
12.	Amount of real estate and mortgages held in other invested assets in Schedule BA:	\$	1.338.159.724				
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:						
		1 Delay Vany Frad	2				
		Prior Year-End Book/Adjusted	Current Quarter Book/Adjusted				
		Carrying Value	Carrying Value				
14.21	Bonds\$	6.508.255.596	\$5.660.285.718				
	Preferred Stock\$		\$				
14.23	Common Stock\$	13,670,494,513	\$13,647,481,481				
14.24	Short-Term Investments\$		\$				
	Mortgage Loans on Real Estate\$		\$				
	All Other\$		\$3,569,595,692				
	Total Investment in Parent, Subsidiaries and Affiliates (Subtotal Lines 14.21 to 14.26)		\$22,877,362,891				
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	If yes, has a comprehensive description of the hedging program been made available to the domiciliary state?		Yes [ X ] No [ ]				

## **GENERAL INTERROGATORIES**

		GENERAL IN	IEN	NUGATU	NIES		
16.	16.1 Total fai 16.2 Total bo	rity lending program, state the amount of the ir value of reinvested collateral assets reporte lock adjusted/carrying value of reinvested colla lyable for securities lending reported on the li-	ed on Sche ateral asse	edule DL, Parts 1 and 2. ets reported on Schedule	DL, Parts 1 and 2	·	
17.	offices, vaults or safety depo custodial agreement with a c Outsourcing of Critical Funct	E - Part 3 - Special Deposits, real estate, mor sit boxes, were all stocks, bonds and other se qualified bank or trust company in accordanc tions, Custodial or Safekeeping Agreements of	securities, on the with Securities of the NAI	owned throughout the cu tion 1, III - General Exa C Financial Condition E	urrent year held pursuant to a mination Considerations, F. xaminers Handbook?	Yes	[X] No []
17.1	For all agreements that comp	ly with the requirements of the NAIC Financia	al Conditio	n Examiners Handbook	, complete the following:		
	N.	1		0.1	2		
	Citihank N A	me of Custodian(s)	333 West	Gusto 34th Street New York	dian Address NV 10001		
	Northern Trust		50 South	LaSalle Street, Chicag	o, IL 60603		
	State Street Global Service	PS	801 Penns	ylvania Avenue, Kansas	City, MO 64105		
17.2	For all agreements that do no location and a complete exp	t comply with the requirements of the NAIC F lanation:	Financial C	ondition Examiners Har	ndbook, provide the name,		
	1 Name(s)	2 Location(s)		Compl	3 ete Explanation(s)		
	Have there been any changes If yes, give full information rela	s, including name changes, in the custodian(s ating thereto:	s) identifie	d in 17.1 during the curr	ent quarter?	Yes [	] No [ X ]
	1	2		3	4		
	Old Custodian	New Custodian	D	ate of Change	Reason		
	make investment decisions a such. ["that have access to such a such access to such a	entify all investment advisors, investment ma on behalf of the reporting entity. For assets the to the investment accounts"; "handle secur 1  me of Firm or Individual al Markets LLC hagement, Inc.  L.L.C. lanagement Company LLC  ent Limited  iduals listed in the table for Question 17.5, do ") manage more than 10% of the reporting enunaffiliated with the reporting entity (i.e. designanagement aggregate to more than 50% of the control o	nat are ma rities"]  Ai	naged internally by emp	with the reporting entity (i.e. e for Question 17.5, does the		
17.6	For those firms or individuals table below.	listed in the table for 17.5 with an affiliation of	ode of "A"	. , , ,	liated), provide the information for th	ne	
	1	2		3	4		5 Investment Management
	Central Registration						Agreement
	Depository Number	Name of Firm or Individual		gal Entity Identifier (LEI)			(IMA) Filed
	168456 110363	Apollo Aviation Group Capital Markets LLO OFI Institutional Asset Management, Inc.					NO DS
	106006	Barings LLC		K5P01NP6HXSY1S07	SEC		DS
	104517	Franklin Advisers, Inc.			SEC		NO
	123711	Tortoise Capital Advisors, L.L.C.					NO
		PIMCO- Pacific Investment Management Com	npany				
	104559	LTC					NO
	107926	Earnest Partners LLC					NO
	141037	KA Fund Advisors LLC					NO
	162754	IFM Investors Pty Ltd					
	185402	Ashmore Investment Management Limited					INU
	162264	Jefferies Finance LLC20 Gates Management, LLC			SEC		NO
	100400	Lo dates management, LLO			ULU		1 <b>1</b> U

If no, list exceptions:

At 06/30/2017, 81 issues for 63 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 \$578,811,539 or 0.56% of all assets.

# **GENERAL INTERROGATORIES**

## PART 2 - LIFE & HEALTH

1.	Report the statement value of mortgage loans at the end of this reporting period for the following categories:	1 Amount
	1.1 Long-Term Mortgages In Good Standing	
	1.11 Farm Mortgages	\$1,704,953
	1.12 Residential Mortgages	1,816,603,779
	1.13 Commercial Mortgages	\$20,249,530,893
	1.14 Total Mortgages in Good Standing	\$ 22,067,839,625
	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)	\$22,067,839,625
1.6	Long-Term Mortgages Foreclosed, Properties Transferred to Real Estate in Current Quarter	
	1.61 Farm Mortgages	\$
	1.62 Residential Mortgages	
	1.63 Commercial Mortgages	
	1.64 Total Mortgages Foreclosed and Transferred to Real Estate	
2.	Operating Percentages:	
	2.1 A&H loss percent	
	2.2 A&H cost containment percent	
	2.3 A&H expense percent excluding cost containment expenses	
3.1		
3.1	Do you act as a custodian for health savings accounts?  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?	
5.5	Do you dot do an administration for freath savings accounts:	100 [ ] 110 [ A ]

3.4 If yes, please provide the balance of the funds administered as of the reporting date \_\_\_\_\_\_\$

# **SCHEDULE S - CEDED REINSURANCE**

Showing All New Reinsurance Treaties - Current Year to Date

1	2	3	4	5	6	7	8	9
								Effective
							Certified	Date of
NAIC					Type of		Reinsurer	Certified
Company	/ ID	Effective		Domiciliary	Reinsurance		Rating	Reinsurer
NAIC Company Code	Number	Date	Name of Reinsurer	Jurisdiction	Ceded	Type of Reinsurer	(1 through 6)	Rating
60054	06-6033492	03/22/2017	Aetna Life Insurance Corporation	CT.	CO/I	Author i zed		
88099	75-1608507	05/09/2016	Optimum Re Insurance Corporation	TX	CO/G	Authorized		

#### **SCHEDULE T - PREMIUMS AND ANNUITY CONSIDERATIONS**

Current Year To Date - Allocated by States and Territories

		urrent Year	To Date - Alloca	ated by States a		inoce Only		1
		1	Life Co	ontracts	Direct Bus 4	iness Only 5	6	7
		'	2	ontracts 3	Accident and	J	U	′
			_	Ĭ	Health Insurance			
					Premiums,			
		Aatius	Life Insurance	Ammuitue	Including Policy, Membership	Other	Total	Danasit Tuna
	States, Etc.	Active Status	Premiums	Annuity Considerations	and Other Fees	Considerations	Columns 2 Through 5	Deposit-Type Contracts
1.	AlabamaAL	L	19, 138, 278	35,518,544	3, 178, 577	16,627,745	74,463,144	65,098,889
2.	Alaska AK	L	905, 198	829, 169	124 , 140	1,465,480	3,323,987	2,291,787
3.	Arizona	L	26,292,707	36,866,197	4,675,147		75,998,162	2,291,767
	Arkansas	L	9,977,724	15,941,742	1,074,937	842,663	27,837,066	8,274,592
4.				13,941,742				
5.	California	L	285,604,438	154,312,985	29,464,222	189,261,793	658,643,438	134,903,885
6.	Colorado CO	L		22,884,685	5,230,864		79,043,557	8,749,308
7.	Connecticut CT	L	85,790,084	27,406,674	9,927,632	60,542,963	183,667,353	19,975,993
8.	DelawareDE	L	63,326,064	21,756,705	777,669	23,251,297	109, 111, 735	1,255,959,648
9.	District of Columbia DC	L	9,714,448	2,506,564	1,928,314	9,439,920	23,589,246	4,203,603
10.	FloridaFL	L	193,508,435	77,988,708	14,950,137	135,818,486	422,265,766	142, 113, 597
11.	Georgia GA	L	118,430,055	58,842,577	11,248,597	143, 182, 102	331,703,331	57,863,547
12.	Hawaii HI	L	9,310,244	6,913,757	1,451,375	1,720,313	19,395,689	2,004,353
13.	IdahoID	L	11,619,955	2,574,553	629,558	9, 153, 141	23,977,207	7, 166, 559
14.	IllinoisIL	L		86,660,997	12,648,649	208,588,502	420,998,002	52,521,052
15.	IndianaIN	L		18,227,499	4,624,336	23,038,040	89,006,560	17,496,015
16.	lowa IA	<u> </u>		10,886,190	1,827,806	46.334.069	77,757,191	6,067,958
17.	Kansas KS	L	23,406,773	5,419,107	2,830,290		47,397,622	6,063,311
18.	Kentucky KY	L	13, 171, 608	11,282,000	2,439,941		36,771,100	22.826.126
	•		01 040 750					
19.	LA Maine ME	L		8,440,501	2,809,850 1,177,732	, ,	41,806,407	34,517,501
20.		L	9,287,473	5,065,212				3,483,022
21.	Maryland MD	L	71,523,905	136,456,754	14,023,922	, ,	, ,	27,792,485
22.	Massachusetts MA	<u>L</u>	128,307,063	166,076,412	15,559,329	545,802,263	855,745,067	24,022,098
23.	Michigan MI	L	75,817,558	50,592,757	6,887,546		191,462,515	50, 135, 585
24.	Minnesota MN	L		29, 144, 945	4,205,082	216,693,824	276,791,751	75,391,730
25.	Mississippi MS	L	20,088,220	13,603,531	5 , 178 , 995		40,903,070	7,260,078
26.	Missouri MO	L	43,852,981	18,330,600	5,566,678	50,525,849	118,276,108	16, 102, 967
27.	Montana MT	L	10,072,198	1,628,267	638,660	354,755	12,693,880	7,881,377
28.	Nebraska NE	L		17,476,279	2,897,630	,	115,561,156	2,432,022
29.	Nevada NV	<u> </u>	14,581,290	7, 191, 246	1,701,822		39,904,231	6,853,884
30.	New HampshireNH	<u> </u>	18, 156, 502	9,297,453	2,218,767		39,977,517	2,597,597
31.	New JerseyNJ	L		94,117,944	19,366,128	184,215,459	471,531,945	78,274,578
32.	New Mexico	L		4,933,243	1,034,305	45,978	14,698,000	7,263,559
33.	New York	L	510,860,024	210,993,918	41,615,628	306,039,282	1,069,508,852	223,633,034
					, ,	, ,		, ,
34.	North Carolina	L	71,302,929	60,672,801	14,336,446	30,599,549	176,911,725	91,832,893
35.	North Dakota	<u>L</u>	5,780,780	3,923,750	336,953		14,299,300	4,373,881
36.	Ohio OH	L	56,964,002	61,448,226	8, 117, 058	138,306,759	264,836,045	29,637,544
37.	Oklahoma OK	L	38,268,295	12,970,223	3,813,215		80,800,924	7,757,924
38.	Oregon OR	L	13,459,847	10,000,897	2,313,827	11,268,492	37,043,063	5,726,971
39.	Pennsylvania PA	L		74,612,949	19,975,729	154,429,668	398,921,268	9,834,021
40.	Rhode IslandRI	L	9, 132, 338	13,035,332	1,621,778	71,597,809	95,387,257	888,877
41.	South Carolina SC	L	34,994,522	13,242,985	7,226,917	12, 124, 766	67,589,190	27,927,306
42.	South Dakota SD		4,745,589	2, 159, 835	305,890	10,560,540	17,771,854	2,639,948
43.	Tennessee TN	L	83,296,225	31,934,326	8,486,509	82,659,017	206,376,077	9,013,410
44.	Texas TX	Ī	193,939,645	109,467,064	23,556,938	56,204,898	383 , 168 , 545	167,050,626
45.	Utah UT	L	20,771,283	10,333,745	2,076,664	3,339,646	36,521,338	17,286,915
46.	Vermont	I	5,510,713	30,812,859	795,834	3,589,039	40,708,445	1,785,609
	VirginiaVA	L		57,500,324	15,436,106			44,607,374
47.			106,932,458			253,407,676	433,276,564	
48.	Washington	L	32,205,592	24,867,474	4,931,643	35,835,387	97,840,096	3,957,020
49.	West Virginia WV	L	9,665,323	3,863,400	709, 187	7,622,071	21,859,981	17,693,462
50.	Wisconsin WI	L	47,023,544	26, 100, 646	3,050,704	46,284,295	122,459,189	2,367,589
51.	WyomingWY	L	6,880,774	1,262,219	319,517	1,067,307	9,529,817	2, 149, 739
52.	American Samoa AS	N						
53.	Guam GU	N	750		3,085		3,835	3,961
54.	Puerto RicoPR	L	30 , 125 , 143	8, 139, 731	5,037,868	2,050,840	45,353,582	532,282
55.	U.S. Virgin IslandsVI	N	7 , 104		3,047		10 , 151	10,705
	Northern Mariana Islands MP	N	,		682		682	
57.	Canada CAN	N	1.160.460	154,451	59,252		1.374.163	104 , 151
58.	Aggregate Other Aliens	XXX	7,730,814	772,341	272,264	34,650,000	43,425,419	
59.	Subtotal	(a)52	3, 172, 477, 645	1,927,443,293	356,701,378	3,457,946,004	8,914,568,320	2,850,763,509
90.	Reporting entity contributions for employee benefits		0, 112,711,040	1,021,770,230		0, 701, 070, 004	0,017,000,020	2,000,100,009
50.	plansplans	XXX						
91.	Dividends or refunds applied to purchase paid-up							
J1.	additions and annuities	XXX	595 113 222	1,462,338			596,575,566	
92.	Dividends or refunds applied to shorten endowment							
٥٤.	or premium paying period	xxx					1	
93.	Premium or annuity considerations waived under							
33.	disability or other contract provisions	XXX	13,823,567		6,086,928		19,910,495	
0.4			, ,				10,430	
94.	Aggregate or other amounts not allocable by State.	XXX	2 701 414 440	1 000 005 601	362,788,306	0 AEZ 040 001	0 504 054 003	2,850,763,509
95.	Totals (Direct Business)		3,781,414,440	1,928,905,631		3,457,946,004	9,531,054,381	
96.	Plus Reinsurance Assumed	XXX	25,247,529	22,288,075	000 700 000	666,267,526	713,803,130	916,662,994
97	Totals (All Business)	XXX	3,806,661,969	1,951,193,706	362,788,306	4, 124, 213, 530	10,244,857,511	3,767,426,503
98.	Less Reinsurance Ceded		384,294,847		60,811,116		445, 105, 963	
99.	Totals (All Business) less Reinsurance Ceded	XXX	3,422,367,122	1,951,193,706	301,977,190	4,124,213,530	9,799,751,548	3,767,426,503
1	DETAILS OF WRITE-INS					<del></del>	1	-
58001.	HKG Hong Kong	XXX	167 , 192				167 , 192	
	ZZZ Other Alien	XXX				34,650,000	,	
		XXX	7,000,022				.0,200,227	
	Summary of remaining write-ins for Line 58 from			•	•			
50330.	overflow page	XXX					1	
58000	Totals (Lines 58001 through 58003 plus							
50333.	58998)(Line 58 above)	XXX	7,730,814	772,341	272,264	34,650,000	43,425,419	
0404	,		1,100,814	112,341		J4,000,000	40,420,419	
9401.		XXX					ļl	
I		XXX						
9403.		XXX					ļ	
9498.	Summary of remaining write-ins for Line 94 from		İ				1	
	overflow page	XXX	<b> </b>				ļ <sup>'</sup>	
9499.	Totals (Lines 9401 through 9403 plus 9498)(Line						1	
	94 above)	XXX					1	
(L) Licens	sed or Chartered - Licensed Insurance Carrier or Dor	miciled RRG: (F	R) Registered - Non	-domiciled BBGs: (	O) Qualified - Quali	fied or Accredited F	Reinsurer: (F) Fligit	le - Reporting

<sup>(</sup>L) Licensed or Chartered - Licensed Insurance Carrier or Domiciled RRG; (R) Registered - Non-domiciled RRGs; (Q) Qualified - Qualified or Accredited Reinsurer; (E) Eligible - Reporting Entities eligible or approved to write Surplus Lines in the state; (N) None of the above - Not allowed to write business in the state.

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

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

PART 1 – ORGANIZATIONAL CHART

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

	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY	04-1590850	65935	Massachusetts
Direct & Indirect Owned Subsidiaries:			
C.M. Life Insurance Company	06-1041383	93432	Connecticut
MML Bay State Life Insurance Company	43-0581430	70416	Connecticut
CML Mezzanine Investor, LLC	06-1041383		Delaware
CML Mezzanine Investor L, LLC	06-1041383		Delaware
CML Mezzanine Investor III, LLC	06-1041383		Delaware
CML Special Situations Investor LLC	None		Delaware
MML Mezzanine Investor L, LLC	04-1590850		Delaware
Berkshire Way LLC	04-1590850		Delaware
MML Special Situations Investor LLC	None		Delaware
Timberland Forest Holding LLC	47-5322979		Delaware
Lyme Adirondack Forest Company, LLC	None		Delaware
Lyme Adirondack Timber Sales, Inc.	20-5305426		New York
Lyme Adirondack Timberlands I, LLC	None		Delaware
Lyme Adirondack Timberlands II, LLC	None		Delaware
WP-SC, LLC*	26-4441097		Delaware
MSP-SC, LLC	04-1590850		Delaware
Country Club Office Plaza LLC*	27-1435692		Delaware
Insurance Road LLC	04-1590850		Delaware
MassMutual Trad Private Equity LLC	04-1590850		Delaware
MassMutual Intellectual Property LLC	04-1590850		Delaware
Invicta Advisors LLC	56-2574604		Delaware
Jefferies Finance LLC*	27-0105644		Delaware
Apex Credit Partners LLC	None		Delaware
JFIN Fund V 2017 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 Co-Issuer Corporation	None		Delaware
JFIN Europe GP, S.a.r.l.	None		Luxembourg
Jefferies Finance Europe, SCSp	None		Luxembourg
Jefferies Finance Business Credit LLC	None		Delaware
JFIN Business Credit Fund I LLC	None		Delaware
JFIN High Yield Investments LLC	None		Delaware
JFIN LC Fund LLC	None		Delaware
JFIN Revolver CLO Holdings LLC	None		Delaware
JFIN CLO 2007 Ltd.	None		Cayman Islands

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

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

PART 1 – ORGANIZATIONAL CHART

	Federal Tax ID	NAIC Co Code	State of Domicile
JFIN CLO 2012 Ltd.	None		Cayman Islands
JFIN CLO 2013 Ltd.	None		Cayman Islands
JFIN CLO 2014 Ltd.	None		Cayman Islands
JFIN CLO 2014-II Ltd.	None		Cayman Islands
JFIN MM CLO 2014 Ltd.*	None		Cayman Islands
JFIN CLO 2015 Ltd.*	None		Cayman Islands
JFIN CLO 2015-II Ltd.*	None		Cayman Islands
JFIN Revolver CLO Ltd.	None		Cayman Islands
JFIN Revolver CLO 2014 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2015 Ltd.	None		Cayman Islands
JFIN Revolver CLO 2015-II Ltd.	None		Cayman Islands
JFIN Revolver CLO 2017 Ltd.	None		Cayman Islands
JFIN CLO 2016 Ltd.	None		Cayman Islands
JFIN CLO 2017 Ltd	None		Cayman Islands
MassMutual Retirement Services, LLC	04-1590850		Delaware
MML Distributors LLC*	04-3356880		Massachusetts
MML Investment Advisers, LLC	None		Delaware
MML Mezzanine Investor, LLC	04-1590850		Delaware
MML Strategic Distributors, LLC	46-3238013		Delaware
The MassMutual Trust Company, FSB	06-1563535		Connecticut
MMC Equipment Finance LLC	04-1590850		Delaware
MassMutual Asset Finance LLC*	26-0073611		Delaware
MMAF Equipment Finance LLC 2009-A	27-1379258		Delaware
MMAF Equipment Finance LLC 2011-A	45-2589019		Delaware
MML Private Placement Investment Company I, LLC	04-1590850		Delaware
MML Private Equity Fund Investor LLC	04-1590850		Delaware
MM Private Equity Intercontinental LLC	04-1590850		Delaware
Pioneers Gate LLC	45-2738137		Delaware
MSC Holding Company, LLC	45-4376777		Delaware
MassMutual Holding MSC, Inc.	04-3341767		Massachusetts
MassMutual Holding LLC	04-2854319		Delaware
Fern Street LLC	37-1732913		Delaware
First Mercantile Trust Company	62-0951563		Tennessee
Haven Life Insurance Agency, LLC	46-2252944 06-1597528		Delaware North Carolina
MassMutual Assignment Company	04-1590850		Delaware
MassMutual Capital Partners LLC MassMutual Ventures LLC			Delaware Delaware
MM Rothesay Holdco US LLC	47-1296410 04-1590850		Delaware Delaware
MML Investors Services, LLC	04-1590850		Massachusetts
MML Investors Services, ELC  MML Insurance Agency, LLC	04-1590850		Massachusetts
MMLISI Financial Alliances, LLC	41-2011634		Delaware
MINICIST PHIARCIA ATHAICES, ELC	41-2011034		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
Society of Grownups, LLC	47-1466022		Massachusetts
MM Asset Management Holding LLC	45-4000072		Delaware
Barings LLC	51-0504477		Delaware
Barings Finance LLC	80-0875475		Delaware
BCF Europe Funding Limited	None		Ireland
BCF Senior Funding I LLC	None		Delaware
BCF Senior Funding I Designated Activity Company	None		Ireland
Barings Securities LLC	04-3238351		Delaware
Barings Guernsey Limited	98-0437588		Guernsey
Barings Europe Limited	None		United Kingdom
Barings (U.K.) Limited	98-0432153		United Kingdom
Barings GPC GP S.à. r.l.	None		Luxembourg
Almack Mezzanine GP III Limited	None		United Kingdom
Almack Holding Partnership GP Limited	None		United Kingdom
Almack Mezzanine Fund Limited	None		United Kingdom
Almack Mezzanine Fund II Limited	None		United Kingdom
Barings Global Advisors Limited	98-1012393		United Kingdom
BCGSS 2 GP LLP	None		United Kingdom
Babson European Direct Lending 1 GP LLP	None		United Kingdom
Barings Advisers (Japan) KK	None		Japan
Barings Multifamily Capital Holdings LLC	None		Delaware
Barings Multifamily Capital LLC	None		Michigan
Barings Multifamily Capital Corporation	None		Delaware
Barings Real Estate Advisers Inc.	04-3238351		California
Barings Real Estate Advisers Japan KK	None		Japan
Barings Real Estate UK Holdings Limited	None		Delaware
BREAE AIFM LLP	None		United Kingdom
Barings Real Estate Advisers (Continental Europe) Limited	98-0654401		United Kingdom
Barings Real Estate Advisers Europe LLP	98-0654388		United Kingdom
Barings Real Estate Advisers Europe Finance LLP	98-0654412		United Kingdom
Barings Real Estate Advisers GmbH	98-1194368		Germany
MassMutual Baring Holding LLC	04-1590850		Delaware
Baring North America LLC	98-0241935		Massachusetts
MassMutual Holdings (Bermuda) Limited	None		Bermuda
Baring Asset Management Limited	98-0241935		United Kingdom
Baring International Investment Limited	98-0457328		United Kingdom
Baring International Investment Management Holdings	98-0457587		United Kingdom
Baring Asset Management UK Holdings Limited	98-0457576		United Kingdom
Baring Asset Management GmbH	98-0465031		Germany
Baring Asset Management (Asia) Holdings Limited	98-0524271		Hong Kong, Special Administrative Region of China
Baring International Fund Managers (Bermuda) Limited	98-0457465		Bermuda

<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
Baring Asset Management (Asia) Limited Baring Asset Management Korea Limited Baring SICE (Taiwan) Limited Baring Asset Management (Japan) Limited Baring Asset Management (Australia) Pty Limited Baring International Fund Managers (Ireland) Limited Baring Asset Management Switzerland Sårl Baring France SAS Baring Fund Managers Limited Baring Pension Trustees Limited Baring Investment Services Limited	98-0457463 None 98-0457707 98-0236449 98-0457456 98-0524272 None 98-0497550 98-0457586 98-0457574		Hong Kong, Special Administrative Region of China Korea Taiwan ROC Japan Australia Ireland Switzerland France United Kingdom United Kingdom United Kingdom
Barings Australia Holding Company Pty Ltd	None		Australia
Barings Australia Pty Ltd	98-0457456		Australia
Barings Investment Advisers (Hong Kong) Limited Alchemy Copyrights, LLC.*	None 47-2642354		Hong Kong, Special Administrative Region of China Delaware
Chassis Acquisition Holding LLC	81-2244465		Delaware
CRA Aircraft Holding LLC*	81-4258759		Delaware
Milestone Acquisition Holding, LLC.	47-3055009		Delaware
Red Lake Ventures, LLC	46-5460309		Delaware
Remington L & W Holdings LLC*	81-4065378		Connecticut
Solar Acquisition Holding, LLC	None		Delaware
Sweet Tree Holdings 1, LLC	46-3123110		Delaware
Tamiami Citrus, LLC	None		Delaware
Teaktree Acquisition, LLC	None		Delaware
U.S. Buyer Broadcasting, LLC	47-1855920		Delaware
U.S. WIG Holdings, LP	46-1500495		Delaware
U.S. Pharmaceuticals Holdings II, LLC	47-5436800		Delaware
VGS Acquisition Holding, LLC	None		Delaware
WC Aircraft Holdings US II, LLC	46-3378584		Delaware
Wood Creek Aircraft Holding I, LP	None		Cayman Islands
Baring Asset-Based Income Fund (US) GP, LLC	None		Delaware
Babson Capital Floating Rate Income Fund Management, LLC	04-1590850		Delaware
Babson Global Loan Feeder Management, LLC	None		Delaware
Barings CLO Investment Partners GP, LLC	None		Delaware
Barings Global Energy Infrastructure Advisors, LLC	None		Delaware
Barings North American Private Loan Fund Management, LLC	None		Delaware
Barings TERO Management LLC	None		Delaware
Benton Street Advisors, Inc. Great Lakes III GP, LLC	98-0536233 04-1590850		Cayman Islands Delaware
Lake Jackson LLC	04-1590850 None		Delaware Delaware
Lake Jackson LLC  Loan Strategies Management LLC	None 04-1590850		Delaware Delaware
Loan Strategies Management LLC	04-1370030		Delaware

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

	Federal Tax ID	NAIC Co Code	State of Domicile
Mezzco LLC	04-1590850		Delaware
Mezzo II LLC	02-0767001		Delaware
Mezzo III LLC	41-2280126		Delaware
Mezzo IV LLC	80-0920285		Delaware
Mezzoo Australia LLC	90-0666326		Delaware
Mezzo Australia II LLC	None		Delaware
Somerset Special Opportunities Management LLC	04-1590850		Delaware
Oppenheimer Acquisition Corp.	84-1149206		Delaware
OppenheimerFunds, Inc.	13-2527171		Colorado
OppenheimerFunds Distributor, Inc.	13-2953455		New York
Oppenheimer Real Asset Management, Inc.	84-1106295		Delaware
OFI Global Institutional, Inc.	13-4160541		New York
HarbourView Asset Management Corporation	22-2697140		New York
OFI Global Trust Company	13-3459790		New York
OFI International, Ltd.	None		United Kingdom
SNW Asset Management Corporation	None		Delaware
Seattle Northwest Asset Management LLC	None		Washington
Trinity Investment Management Corporation	25-1951632		Pennsylvania
OFI SteelPath, Inc.	84-1128397		Delaware
Shareholder Services, Inc.	84-1066811		Colorado
VTL Associates, LLC	None		Pennsylvania
Index Management Solutions, LLC	None		Pennsylvania
OFI Global Asset Management, Inc.	84-0765063		Delaware
OFI Private Investments Inc.	91-2036414		New York
Tremont Group Holdings, LLC	62-1210532		New York
Tremont Partners, LLC	06-1121864		Connecticut
Tremont GP, LLC	20-8215352		Delaware
Settlement Agent LLC	90-0874510		Delaware
Tremont (Bermuda) Limited	None		Bermuda
MassMutual International LLC	04-3313782		Delaware
MassMutual Asia Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Asia Investors Ltd.	None		Hong Kong, Special Administrative Region of China
MassMutual Guardian Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Insurance Consultants Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Services Limited	None		Hong Kong, Special Administrative Region of China
MassMutual Trustees Limited	None		Hong Kong, Special Administrative Region of China
Protective Capital (International) Limited	98-0610331		Hong Kong, Special Administrative Region of China
MassMutual Life Insurance Company	None		Japan
MassMutual Internacional (Chile) SpA	98-1033127		Chile
MML Management Corporation	04-2443240		Massachusetts
MassMutual International Holding MSC, Inc.	04-3548444		Massachusetts

<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 Mezzanine Investor II, LLC	04-1590850		Delaware
MML Mezzanine Investor III. LLC	04-1590850		Delaware
MassMutual External Benefits Group LLC	27-3576835		Delaware
	20-8730751		
Cornerstone Global REIT Corporation  Other Affiliates & Funds:	20-8/30/31		Delaware
Other Affiliates & Funds: 100 w. 3 <sup>rd</sup> Street LLC	04-1590850		Delaware
	04-1590850		Delaware Delaware
300 South Tryon Hotel LLC			
300 South Tryon LLC	04-1590850		Delaware
54 West Capital LLC	20-3887968		Delaware
Alexandria Towers Investors LLC	16-1720387		Delaware
Almack Mezzanine Fund I LP*	None		United Kingdom
Almack Mezzanine Fund II Unleveraged LP	None		United Kingdom
Almack Mezzanine Fund III LP*	None		United Kingdom
Barings Emerging Markets Corporate Bond Fund	None		Ireland
Barings Emerging Markets Local Debt Fund	None		Ireland
Barings Global Special Situations Credit Fund 1	None		Ireland
Babson Capital Global Special Situation Credit Fund 2*	98-1206017		Delaware
Babson Capital Loan Strategies Fund, L.P.*	37-1506417		Delaware
Barings US High Yield Bond Fund*	None		Ireland
Babson CLO Ltd. 2012-II	None		Cayman Islands
Babson CLO Ltd. 2013-I	None		Cayman Islands
Babson CLO Ltd. 2013-II	98-1128827		Cayman Islands
Babson CLO Ltd. 2014-I	None		Cayman Islands
Babson CLO Ltd. 2014-II	None		Cayman Islands
Babson CLO Ltd. 2014-III	None		Cayman Islands
Babson CLO Ltd. 2015-I	None		Cayman Islands
Babson CLO Ltd. 2015-II	None		Cayman Islands
Babson CLO Ltd. 2016-I	None		Cayman Islands
Babson CLO Ltd. 2016-II	None		Cayman Islands
Babson Euro CLO 2014-I BV	None		Netherlands
Babson Euro CLO 2014-II BV	None		Netherlands
Babson Euro CLO 2015-I BV	None		Netherlands
Babson Euro CLO 2016-I BV	None		Netherlands
Baring Focused EAFE Equity Fund	11-3789446		Delaware
Baring Global Dynamic Asset Allocation Fund	30-0607379		Delaware
Barings Global Énergy Infrastructure Fund 1 LP	98-1332384		Cayman Islands
Barings Global Private Loan Fund	None		Luxembourg
Barings North American Private Loan Fund LP	38-4010344		Delaware
Barings RE Credit Strategies VII LP	98-1332384		Delaware

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	Federal Tax ID	NAIC Co Code	<b>State of Domicile</b>
Baring International Small Cap Equity Fund	26-4142796		Delaware
Barings CLO Investment Partners LP	81-0841854		Delaware
Barings Real Estate European Value Add I SCSp*	None		United Kingdom
Benton Street Partners I, L.P.*	98-0536233		Cayman Islands
Benton Street Partners II, L.P.*	98-0536199		Cayman Islands
Braemar Energy Ventures I, L.P. *	None		Delaware
Cambridge Hotel, LLC	06-1614196		Delaware
Cheyenne Mountain Resort LLC	04-1590850		Delaware
Barings European Core Property Fund SCSp	None		Luxembourg
Cornerstone Core Mortgage Venture I LP	27-1701622		Delaware
Cornerstone Enhanced Mortgage Fund I LP	45-3751572		Delaware
Cornerstone Global Real Estate LP*	20-8730751		Delaware
Cornerstone High Yield Venture LP	36-4770946		Delaware
Barings/LAZ Parking Fund LP	46-5437441		Delaware
Barings Core Property Fund LP	20-5578089		Delaware
Cornerstone Real Estate Fund VIII LP	27-0547156		Delaware
Cornerstone Real Estate Fund X LP	46-5432619		Delaware
Duchess VI CLO B.V.	None		United Kingdom
Duchess VII CLO B.V.	None		United Kingdom
E-Wise Land Venture LLC	20-3887968		Delaware
Gateway Mezzanine Partners I, L.P.*	80-0691253		Delaware
Gateway Mezzanine Partners II LP*	90-0991195		Delaware
Great Lakes III, L.P.	37-1708623		Delaware
JPMDB Commercial Mortgage Securities Trust 2017-C5	38-4032059		New York
Kazwell Realty Partners LLC	20-3887968		Delaware
Marco Hotel LLC	46-4255307		Delaware
MM Debt Participations LLC	81-3000420 26-3799762		Delaware Delaware
MML O'Hare Hotel LLC	20-3887968		Delaware Delaware
Oakley Grove Development LLC	20-3887968		Delaware Delaware
Old Pasco Properties LLC Reston Arboretum LLC	75-2901061		Delaware Delaware
Riva Portland LLC	30-0713071		Delaware
Rockall CLO B.V.	None		United Kingdom
Rockville Town Center LLC	54-2055778		Virginia
Seattle 1415 Hotel Owner LLC	46-5491311		Delaware
Sedona TFMP Land LLC	04-1590850		Delaware
Somerset Special Opportunities Fund L.P.*	20-8856877		Delaware
South Myrtle Monrovia MM LLC	04-1590850		Delaware
South Pasco Properties LLC	20-3887968		Delaware
Tower Square Capital Partners, L.P.*	04-3722906		Delaware
Tower Square Capital Partners II, L.P.*	30-0336246		Delaware
Tower Square Capitar Larancis II, L.I.	JU 0JJ0270		Dolawaic

<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
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
Tower Square Capital Partners IV-A, L.P.	80-0920367	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 Floating Rate Income Fund, L.P.	27-3330830	Delaware
Barings Global Investment Grade Corporate Plus 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 Emerging Markets Local Currency Debt Fund	47-3774453	Massachusetts
Barings Global High Yield Fund	47-3790192	Massachusetts
Baring Greater China Equity Fund	None	Hong Kong
Barings Total Return Bond Fund	47-3734770	Massachusetts
Barings U.S. High Yield Fund	47-3801860	Massachusetts
Gateway Mezzanine Partners I Trust	None	Australia
Great Lakes II LLC*	71-1018134	Delaware
Great Lakes LLC*	56-2505390	Delaware
Intermodal Holding II LLC*	46-2344300	Delaware
Somerset Special Opportunities Master Fund LP	None	Cayman Islands
Wood Creek Venture Fund LLC	04-1590850	Delaware
Barings Real Estate Affiliates & Funds:		
12-18 West 55th Street Predevelopment, LLC*	20-2548283	Delaware
50 Liberty LLC*	36-4823011	Delaware
One Harbor Shore LLC*	80-0948028	Delaware
Budapester Strasse LLC	81-4382111	Delaware
CHC/RFP VI Core LLC	04-1590850	Delaware
Cornerstone California Mortgage Fund I LLC	95-4207717	California
Cornerstone California Mortgage Fund II 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 330 Third LLC*	46-5001122	Delaware
CREA FMF Nashville LLC	46-4367364	Delaware
CREA/LYON West Gateway, LLC*	26-2399532	Delaware
CREA Madison Member LLC	81-0890084	Delaware

<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>
CREA/PPC Venture LLC*	20-0348173		Delaware
CCB Montford Park LLC*	82-1563809		Delaware
Fallon Cornerstone One MPD LLC*	26-1611591		Delaware
Fan Pier Development LLC*	20-3347091		Delaware
Farringdon London Holdings LLC*	46-3880526		Delaware
Infinity SCD Ltd.	None		United Kingdom
Johnston Groves LLC	20-4819358		Delaware
Landmark Manchester Holdings LLC	81-5360103		Delaware
MM Chatham Office LLC*	81-2871333		Delaware
Salomon Brothers Commercial Mortgage Trust 2001-MM	None		Delaware
Sawgrass Village Shopping Center LLC*	27-2977720		Delaware
Ten Fan Pier Boulevard LLC*	None		Delaware
Three PW Office Holding LLC	81-5273574		Delaware
Twenty Two Liberty LLC*	35-2484550		Massachusetts
UK LIW Manager LLC	45-4606547		Delaware
UK LIW Member LLC	45-4606547		Delaware
Washington Gateway Apartments Venture LLC*	45-5401109		Delaware
Waterford Development Associates	20-2970495		Delaware
Waterloo London Holdings LLC	47-1993493		Delaware
WeHo Domain LLC*	46-3122029		Delaware
Willowwood Lakeside Master LLC	81-1552222		Delaware
Ygnatio Valley Funding	20-5481477		Delaware
MassMutual Premier Funds:			
MassMutual Barings Dynamic Allocation Fund	45-3168892		Massachusetts
MassMutual Premier Focused International Fund	02-0754273		Massachusetts
MassMutual Premier Main Street Fund	51-0529328		Massachusetts
MassMutual Premier Strategic Emerging Markets Fund	26-3229251		Massachusetts
MassMutual Premier Value Fund	04-3277550		Massachusetts
MassMutual Select Funds:			
MassMutual Select Diversified International Fund	14-1980900		Massachusetts
MassMutual Select Diversified Value Fund	01-0821120		Massachusetts
MassMutual Select Fundamental Growth Fund	04-3512593		Massachusetts
MassMutual Select Large Cap Value Fund	04-3513019		Massachusetts
MassMutual Select Mid-Cap Value Fund	42-1710935		Massachusetts
MassMutual Select Small Capital Value Equity Fund	02-0769954		Massachusetts
MassMutual Select Small Company Value Fund	04-3584140		Massachusetts
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

<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 II Equity Rotation Fund MML Series II Special Situations Fund	47-3544629 47-3559064		Massachusetts Massachusetts
]	MassMutual RetireSMART Funds:			
	MassMutual RetireSMART 2055 Fund	46-3289207		Massachusetts
	MassMutual RetireSMART 2060 Fund	47-5326235		Massachusetts
	MassMutual RetireSMART Conservative Fund	45-1618155		Massachusetts
	MassMutual RetireSMART Growth Fund	45-1618222		Massachusetts
	MassMutual RetireSMART Moderate Fund	45-1618262		Massachusetts
	MassMutual RetireSMART Moderate Growth Fund	45-1618046		Massachusetts
(	Oppenheimer Funds:			
	Oppenheimer Developing Markets Fund	93-6305075		Delaware
	Oppenheimer Developing Markets Equity UCITS	None		Ireland
	Oppenheimer Emerging Markets Innovators UCITS	None		Ireland
	Oppenheimer ESG Revenue ETF	81-3492794		Delaware
	Oppenheimer Global ESG Revenue ETF	81-3480754		Delaware
	Oppenheimer Global Equity UCITS	None		Ireland
	Oppenheimer Global Multi-Asset Growth Fund	47-3676235		Delaware
	Oppenheimer Global Multi-Asset Income Fund	47-1714929		Delaware
	Oppenheimer Global Value Equity UCITS	None		Ireland
	Oppenhemier International Growth & Income Fund	81-3136071		Delaware
	Oppenheimer Macquarie Global Infrastructure Fund	81-1080638		Delaware

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

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Group		Company	ID	Federal		(U.S. or	Parent. Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	'
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
					_	,	Massachusetts Mutual Life Insurance Company			Massachusetts Mutual Life Insurance			1 3/ 1 2/ 1 2 2 (2/		
0435	Massachusetts Mut Life Ins Co	65935	04-1590850	3848388	0000225602		(MMLIC)	MA	RE	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
	CM Life Ins Co	93432	06–1041383				C.M. Life Insurance Company	CT	DS	Company	Ownership	100.000	. MMLIC		
	MML Baystate Life Ins Co	70416	43-0581430		0000924777		MML Bay State Life Insurance Company	CT	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		. !
0000			06-1041383				CML Mezzanine Investor, LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		
0000			06-1041383 06-1041383				CML Mezzanine Investor L, LLC CML Mezzanine Investor III, LLC	DE	DS	C.M. Life Insurance Company	Ownership	100.000	MMLIC		.
0000			06-1041363				CML Special Situations Investor LLC	DE	DS DS	C.M. Life Insurance Company	Owner ship	100.000	MMLIC		
0000							ome opecial dituations investor LLC	UE		Massachusetts Mutual Life Insurance	omici sirip				
0000			04-1590850				MML Mezzanine Investor L. LLC	DE	DS	Company	Ownership	100.000	MMLIC		'
										Massachusetts Mutual Life Insurance	/				I
0000							MML Special Situations Investor LLC	DE	DS	Company	Ownership	100.000			<u> </u>
										Massachusetts Mutual Life Insurance					
0000			47-5322979				Timberland Forest Holding LLC	DE	DS	Company	Ownership	100.000	MMLIC		. '
0000			47-5322979				Timberland Forest Holding LLC	DE	DS	C.M. Life Insurance Company	Ownership	0.000			
0000			47-5322979				Timberland Forest Holding LLC	DE	DS	Wood Creek Capital Management LLC	Management		- MMLIC		!
0000							Lyme Adirondack Forest Company, LLC	DE	DS	Timberland Forest Holding LLC	Ownership	100.000	. MMLIC		-  <sup>!</sup>
0000			20-5305426				Lyme Adirondack Timber Sales, Inc.	NY DE	DS	Timberland Forest Holding LLC	Ownership	100.000	- MMLIC		
0000							Lyme Adirondack Timberlands I, LLC	DE	DS DS	Timberland Forest Holding LLC	Ownership	100.000	MMLIC		
0000							Lyme Adirondack Timberrands II, LLC	VE		Massachusetts Mutual Life Insurance	. Owner Strip		. MMLTC		
0000			04-1590850				Berkshire Way LLC	DE	DS	Company	Ownership	100.000	MMLIC		
							501101110 Hu, 220			Massachusetts Mutual Life Insurance	0				
0000			26-4441097				WP-SC, LLC	DE	DS	Company	Ownership	81.400	MMLIC		!
0000			26-4441097				WP-SC, LLC	DE	DS	C.M. Life Insurance Company	Ownership	18.600	MMLIC		
										Massachusetts Mutual Life Insurance					'
0000			04-1590850				MSP-SC, LLC	DE	DS	Company	Ownership	100.000	. MMLIC		. '
0000			07 1405000				Overstone Olivia Office Divers III O	DE.	DO	Massachusetts Mutual Life Insurance	0	00 100	188 10		
0000			27-1435692 27-1435692				Country Club Office Plaza LLC	DE	DS DS	Company C.M. Life Insurance Company	Ownership	88.100 11.900	MMLIC		
0000			21-1400092				Country Club Office Flaza LLC			Massachusetts Mutual Life Insurance	owner strip	11.900			
0000			56-2574604				Invicta Advisors LLC	DE	NIA	Company	Ownership.	100.000	MMLIC		
			00 201 1001							Massachusetts Mutual Life Insurance					
0000			04-1590850				Insurance Road LLC	DE	NI A	Company	Ownership	100.000	. MMLIC		!
0000			04-1590850				MassMutual Trad Private Equity LLC		NIA	Insurance Road LLC	Ownership	100.000	MMLIC		!
0000			04-1590850				MassMutual Intellectual Property LLC	DE	NI A	Insurance Road LLC	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance	l				1 . '
0000			27-0105644				Jefferies Finance LLC	DE	NI A	Company	Ownership	50.000	MMLIC		1!
0000							Apex Credit Partners LLC	DE	NI A NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		.
0000							JFIN Fund V 2017 LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Fund III LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFAM GP LLC	DE	NIA	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		
0000							JFAM GP LP	DE	NI A	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		
0000							JFAM Loan Fund, LP	DE	NI A	JFIN Asset Management, LLC	Ownership	100.000	MMLIC		
0000							JFIN Co-Issuer Corporation	DE	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Europe GP, S.a.r.I.	LUX	NI A	Jefferies Finance LLC	Ownership	100.000	. MMLIC		!
0000							Jefferies Finance Europe, SCSp	LUX	NI A	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 I LLC	DE	NI A	Jefferies Finance LLC	Ownership	100.000	. MMLIC		
0000							JFIN High Yield Investments LLC JFIN LC Fund LLC	DE	NI A NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO Holdings LLC	DE	NIA	Jefferies Finance LLC	Ownership	100.000	MMLIC		
UUUU							UT IN HEVUIVEL OLD HOLDINGS LLD	VE	NIA	UCT 161 169 ETHATICE LLC	Lowner and h		_   MIML   V		

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											of Control	Control			
											(Ownership,	is		ls an	
						Name of Constition			Daladas			-			
						Name of Securities		<u> </u>	Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000							JFIN CLO 2007 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2012 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2013 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2014 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	70.000	MMLIC		
0000							JFIN CLO 2014 Ltd	CYM	NI A	Apex Credit Partners LLC	Ownership	30.000	MMLIC		
0000							JFIN CLO 2014-II Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN MM CLO 2014 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2015 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	44.000	MMLIC		
0000							JFIN CLO 2015 Ltd	CYM	NI A	Apex Credit Partners LLC	Ownership	56.000	MMLIC		
0000							JFIN CLO 2015-II Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	33.000	MMLIC		
0000		.					JFIN CLO 2015-II Ltd.	CYM	NIA	Apex Credit Partners LLC	Ownership	53.000	MMLIC		
0000							JFIN Revolver CLO Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2014 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2015 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2015-II Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN Revolver CLO 2017 Ltd.	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2016 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
0000							JFIN CLO 2017 Ltd	CYM	NI A	Jefferies Finance LLC	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MassMutual Retirement Services, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-3356880		0000943903		MML Distributors LLC	MA	DS	Company	Ownership	99.000	MMLIC		
0000			04-3356880		0000943903		MML Distributors LLC	MA	DS	MassMutual Holding LLC	Ownership	1.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000							MML Investment Advisers, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MML Mezzanine Investor, 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	0001103653		The MassMutual Trust Company, FSB	CT	DS	Company	Ownership	100.000	MMLIC	Y	
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MMC Equipment Finance LLC	DE	DS	Company	Ownership	100.000	MMLIC		
0000			26-0073611				MassMutual Asset Finance LLC	DE	DS	MMC Equipment Finance LLC	Ownership	99.600	MMLIC		
0000			26-0073611				MassMutual Asset Finance LLC	DE	DS	C.M. Life Insurance Company	Ownership	0.400	MMLIC		
0000		-	27-1379258	-			MMAF Equipment Finance LLC 2009-A	DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		ļ
0000		-	45-2589019				MMAF Equipment Finance LLC 2011-A	. DE	DS	MassMutual Asset Finance LLC	Ownership	100.000	MMLIC		
		1		I			MML Private Placement Investment Company I,			Massachusetts Mutual Life Insurance					
0000		-	04-1590850				LLC	DE	DS	Company	Ownership	100.000	MMLIC		
1		1	l	I	1				l	Massachusetts Mutual Life Insurance	L				
0000			04-1590850		0000067160		MML Private Equity Fund Investor LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
0000			04-1590850				MM Private Equity Intercontinental LLC	DE	NI A	MML Private Equity Fund Investor LLC	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-2738137				Pioneers Gate LLC	DE	DS	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000		-	45-4376777	-			MSC Holding Company, LLC	DE	DS	Company	Ownership	100.000	MMLIC	Y	
0000			04-3341767				MassMutual Holding MSC, Inc	MA	DS	MSC Holding Company, LLC	Ownership	100.000	MMLIC		
000-			04 005:-:-							Massachusetts Mutual Life Insurance	l	40			
0000			04-2854319	2392316			MassMutual Holding LLC	DE	DS	Company	Ownership	100.000	MMLIC	<sup>Y</sup>	
0000		-	06-1597528	-			MassMutual Assignment Company	NC	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			37-1732913				Fern Street LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			62-0951563	. 1160004	0001259664		First Mercantile Trust Company	TN	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			46-2252944				Haven Life Insurance Agency, LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1590850		0001399869		MassMutual Capital Partners LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		

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											of Control	Control			
											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent. Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000	Group Name	Code	47-1296410	nood	OIK	international)	MassMutual Ventures LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC	(1/14)	
0000			04-1590850				MM Rothesay Holdco US LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			47-1466022				Society of Grownups, LLC	MA	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1590850		0000701059		MML Investors Services, LLC	MA	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			04-1590850		0000101000		MML Insurance Agency, LLC	MA	DS	MML Investors Services, LLC	Ownership	100.000	MMLIC		
0000			41-2011634		0001456663		MMLISI Financial Alliances, LLC	DE	DS.	MML Investors Services, LLC	Ownership	100.000	MMLIC		
0000			45-4000072				MM Asset Management Holding LLC	DE	DS	MassMutual Holding LLC	Ownership	100.000	MMLIC		
0000			51-0504477		0000009015		Barings LLC	DE	DS	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		
0000			80-0875475				Barings Finance LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							BCF Europe Funding Limited	IRL	DS	Barings Finance LLC	Ownership	100.000	MMLIC		
0000							BCF Senior Funding   LLC	DE	DS	Barings Finance LLC	Ownership	100.000	MMLIC		ļ
							BCF Senior Funding I Designated Activity							1	
0000							Company	IRL	DS	Barings Finance LLC	Ownership	100.000	MMLIC		
0000			04-3238351		0000930012		Barings Securities LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			98-0437588				Barings Guernsey Limited		DS	Barings LLC	Ownership	100.000	- MMLIC		
0000			98-0432153				Barings (U.K.) Limited	GBR	DS	Barings Guernsey Limited	Ownership	100.000	MMLIC		
0000		-					Barings Europe Limited		DS	Barings Guernsey Limited	Ownership	100.000	- MMLIC		
0000							Barings GPC GP S.à. r.l .	LUX	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Almack Mezzanine GP III Limited Almack Holding Partnership GP Limited	GBR	DS DS	Barings (U.K.) Limitied Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Almack Mezzanine Fund Limited	GBR	DS	Barings (U.K.) Limitled	Ownership	100.000	MMLIC		
0000							Almack Mezzanine Fund II Limited		DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000			98-1012393				Barings Global Advisors Limited		DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000			30 1012030				BCGSS 2 GP LLP	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Babson European Direct Lending 1 GP LLP	GBR	DS	Barings (U.K.) Limitied	Ownership	100.000	MMLIC		
0000							Barings Advisers (Japan) KK	JPN	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Multifamily Capital Holdings LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Multifamily Capital LLC	MI	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings Multifamily Capital Corporation	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-3238351	3456895	0001011148		Barings Real Estate Advisers Inc.	CA	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000							Barings Real Estate Advisers Japan KK	JPN	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000							Barings Real Estate UK Holdings Limited	DE	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
0000							BREAE AIFM LLP	GBR	DS	Barings Real Estate Advisers LLC	Ownership	100.000	MMLIC		
							Barings Real Estate Advisers (Continental								
0000			98-0654401 98-0654388				Europe) Limited	GBR	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000		-	38-UD34388				Barings Real Estate Advisers Europe LLP	GBR	DS	Barings Real Estate UK Holdings Limited	Ownership	100.000	MML10		·····
0000			98-0654412				Barings Real Estate Advisers Europe Finance	GBR	DS.	Parings Pool Estato IV Haldings Limit-1	Ownership	100.000	MMLIC	1	
0000			98-0654412				Barings Real Estate Advisers GmbH	DEU	DS	Barings Real Estate UK Holdings Limited Barings Real Estate UK Holdings Limited	Ownership	100.000	MMLIC		
0000			04-1590850				MassMutual Baring Holding LLC	DE	DS	MassMutual Asset Management Holding LLC	Ownership	100.000	MMLIC		
0000			98-0241935	2363071	0000932463		Baring North America LLC	MA	DS.	MassMutual Baring Holding LLC	Ownership.	100.000	MMLIC		
0000			OLY1000				MassMutual Holdings (Bermuda) Limited	. BMU	DS	MassMutual Baring Holding LLC	Ownership	100.000	MMLIC		
0000			98-0241935				Baring Asset Management Limited	GBR	DS.	MassMutual Holdings (Bermuda) Limited	Ownership	100.000	MMLIC		
0000			98-0457328		0001568131		Baring International Investment Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		I
							Baring International Investment Management			J		70.000	1		
0000			98-0457587	.			Holdings	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		<u> </u>
l			1				•			Baring International Investment Management					
0000			98-0457576	.			Baring Asset Management UK Holdings Limited .	GBR	DS	Holdings	Ownership	100.000	MMLIC		
										Baring Asset Management UK Holdings Limited	d			1	
0000			98-0465031				Baring Asset Management GmbH	DEU	DS		Ownership	100.000	MMLIC		
1							Baring Asset Management (Asia) Holdings			Baring Asset Management UK Holdings Limited	d			1	
0000			98-0524271				Limited	HKG	DS		Ownership	100.000	MMLIC		
1							Baring International Fund Managers (Bermuda)			Baring Asset Management (Asia) Holdings	L		I	1	
0000			98-0457465				Limited	BMU	DS	Limited	Ownership	100.000	MMLIC		.

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											Type	If			
											of Control	Control			
											(Ownership,	is		Is an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filina	
		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	G. Gap . tag	0000		1.002	0	tomational)	0.7a.co		y	Baring Asset Management (Asia) Holdings	3	iago		(17.1)	
0000			98-0457463				Baring Asset Management (Asia) Limited	HKG	DS	Limited	Ownership	100.000	MMLIC		
0000							Baring Asset Management Korea Limited	K0R	DS	Baring Asset Management (Asia) Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings	· ·				
0000			98-0457707				Baring SICE (Taiwan) Limited	TWN	DS	Limited	Ownership	100.000	MMLIC		
										Baring Asset Management (Asia) Holdings					
0000			98-0236449				Baring Asset Management (Japan) Limited	JPN	DS	Limited	Ownership	100.000	MMLIC		
							Baring Asset Management (Australia) Pty			Baring Asset Management (Asia) Holdings					
0000			98-0457456				Limited	AUS	DS	Limited	Ownership	100.000	MMLIC		
0000			00 0004070				Baring International Fund Managers (Ireland)	IDI	DO	Baring Asset Management UK Holdings Limited	0	100,000	MW 10		
0000		-	98-0524272			-	Limited	IRL	DS	Baring Asset Management UK Holdings Limited	Ownership	100.000	MMLIC		ļ
0000							Baring Asset Management Switzerland Sàrl	CHE	DS	Dailing Asset management UN Holdings Limited	Ownership	100.000	MMLIC		
0000		-					Dailing Mobel Management Switzer land Saff	TE	Do	Baring Asset Management UK Holdings Limited	Owner 2011 h		. mmLIV		· · · · · · · · · · · · · · · · · · ·
0000			98-0497550				Baring France SAS	FRA	DS	Dairing Asset management on northings Emilited	Ownership	100.000	MMLIC		
0000			98-0457586				Baring Fund Managers Limited	GBR	DS	Baring Asset Management Limited	Ownership.	100.000	MMLIC		
0000			98-0457574				Baring Pension Trustees Limited	GBR	DS.	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000			98-0457578				Baring Investment Services Limited	GBR	DS	Baring Asset Management Limited	Ownership	100.000	MMLIC		
0000							Barings Australia Holding Company Pty Ltd	AUS	DS	Barings LLC	Ownership	100.000	. MMLIC		
0000			98-0457456				Barings Australia Pty Ltd	AUS	DS	Baring Australia Holding Company Pty Ltd	Ownership	100.000	MMLIC		
							Barings Investment Advisors (Hong Kong)								
0000							Limited	HKG	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			47-2642354				Alchemy Copyrights, LLC.	DE	NI A	MassMutual Holding LLC	Ownership/Influence	15 . 100	. MMLIC		
0000			47 0040054				Alabama 0	חר	NIA	Massachusetts Mutual Life Insurance	0	0.400	MW 10		
0000			47-2642354 47-2642354				Alchemy Copyrights, LLC.	DE	NIA	CompanyBarings LLC	Ownership	0.100	MMLIC		
			47-2042004				Archemy copyrights, LLC.		NI A	Massachusetts Mutual Life Insurance	I III Tuelice		. INMLIC		
0000			81-2244465				Chassis Acquisition Holding LLC	DE	NIA	Company	Ownership/Influence	30.000	MMLIC		
0000			81-2244465				Chassis Acquisition Holding LLC	DE	NIA	Barings LLC	Influence		MMLIC		
							,			Massachusetts Mutual Life Insurance					
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Company	Ownership/Influence	40.900	MMLIC		
0000			81-4258759				CRA Aircraft Holding LLC	DE	NI A	Barings LLC	Influence		MMLIC		
0000			47-3055009				Milestone Acquisition Holding, LLC	DE	NI A	MassMutual Holding LLC	Ownership/Influence	18.300	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			47-3055009				Milestone Acquisition Holding, LLC.	DE	NIA	Company	Ownership	0.000	MMLIC		
0000		-	47-3055009			-	Milestone Acquisition Holding, LLC.	DE	NIA	Barings LLC	inituence		MMLIC		·····
0000			46-5460309				Red Lake Ventures, LLC	DE	NIA	Company	Ownership/Influence	15.750	MMLIC		
0000		-	46-5460309				Red Lake Ventures, LLC	DE	NIA	Barings LLC	Influence		MMLIC		
			0100000				Too Late Fortundo, LLO			Massachusetts Mutual Life Insurance					
0000			81-4065378				Remington L & W Holdings LLC	DE	NI A	Company	Ownership/Influence	66.300	MMLIC		
0000			81-4065378				Remington L & W Holdings LLC	DE	NI A	Barings LLC	Influence		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			46-3123110				Sweet Tree Holdings 1, LLC	DE	NI A	Company	Ownership/Influence	25.600	. MMLIC		
0000			46-3123110				Sweet Tree Holdings 1, LLC	DE	NI A	Barings LLC	Influence		MMLIC		
0000							T : : 0:4	DE		Massachusetts Mutual Life Insurance	l	45 700	IIIII 10		
0000							Tamiami Citurus, LLC	DE	NIA	Company	Ownership	15.700	MMLIC		
0000							Teaktree Acquisition, LLC Teaktree Acquisition, LLC	DE	NI A NI A	MassMutual Holding LLC Barings LLC	Ownership/Influence	14./00	MMLIC		·
0000							Teaktiee Acquisition, LLC	uc	NI A	Massachusetts Mutual Life Insurance	initiuence	· <del>  -</del>	mmLIV		
0000							U.S. Buyer Broadcasting, LLC	DE	NIA	Company	Ownership/Influence	12.700	MMLIC		
0000							U.S. Buyer Broadcasting, LLC	DE	NIA	Barings LLC	Influence		MMLIC		
0000			46-1500495				U.S. WIG Holdings, LP	DE	NIA	MassMutual Holding LLC	Ownership/Influence	11.700	MMLIC		
0000			46-1500495				U.S. WIG Holdings, LP	DE	NI A	Barings LLC	Influence		MMLIC		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				_							Type	If			1
											of Control	Control			1
											(Ownership,	is		ls an	1
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filina	1
		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?	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 3/ 1 2/ 1 2 2 (2/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
0000			20-2970495				US Pharmaceutical Holdings II, LLC	DE	NI A	Company	Ownership/Influence	42.600	MMLIC		
0000			20-2970495				US Pharmaceutical Holdings II, LLC	DE	NI A	Barings LLC	Influence		. MMLIC		
										Massachusetts Mutual Life Insurance					
0000							Solar Acquisition Holding, LLC	DE	NIA	Company	Ownership/Influence	39.200	MMLIC		
0000							Solar Acquisition Holding, LLCVGS Acquisition Holding, LLC	DE	NI A NI A	Barings LLC	ManagementOwnership/Influence	33.300	MMLIC		
0000							VGS Acquisition Holding, LLC	DE	NIA	Barings LLC	Management		MMLIC		1
0000							VOO ACQUISITION HOTCHING, ELC	DL	NI /	Massachusetts Mutual Life Insurance	management		I MINIL TO		
0000			46-3378584				WC Aircraft Holdings US II, LLC	DE	NI A	Company	Ownership/Influence	18.000	MMLIC		İ
0000			46-3378584				WC Aircraft Holdings US II, LLC	DE	NI A	Wood Creek Capital Management LLC	Management		MMLIC		
							-			Massachusetts Mutual Life Insurance					
0000							Wood Creek Aircraft Holding I, LP	CYM	NI A	Company	Ownership	12.100	MMLIC		
0000							Wood Creek Aircraft Holding I, LP	CYM	NIA	Wood Creek Capital Management LLC	Management		MMLIC		
0000							Baring Asset-Based Income Fund (US) GP, LLC .	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850		0001501011		Babson Capital Floating Rate Income Fund Management. LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			. 04-1090600		0001501011		Babson Global Loan Feeder Management, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000							Barings CLO Investment Partners GP, LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
							Barings Global Energy Infrastructure			Dui mgo LEO	omior on p	100.000	- IIIII - I - I - I - I - I - I - I - I		[
0000							Advisors, LLC	DE	DS	Barings LLC	Ownership	100.000			
							Barings North American Private Loan Fund				·				1
0000							Management, LLC	DE	DS	Barings LLC	Ownership	100.000	. MMLIC		
0000							Barings TERO Management LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			98-0536233				Benton Street Advisors, Inc.	CYM	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Great Lakes III GP, LLCLake Jackson LLC	DE	DS DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Loan Strategies Management LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000			04-1590850				Mezzco LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
. 0000		-	02-0767001				Mezzco II LLC	DE	DS	Barings LLC	Ownership	98.400	MMLIC		
0000			41-2280126				Mezzco III LLC	DE	DS	Barings LLC	Ownership	99.300	MMLIC		
0000			80-0920285				Mezzco IV LLC	DE	DS	Barings LLC	Ownership	99.300	MMLIC		
0000			90-0666326				Mezzco Australia LLC	DE	DS	Barings LLC	Ownership	72.000	MMLIC		
0000							Mezzco Australia II LLC	DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000		1	04-1590850		1		Somerset Special Opportunities Management LLC	) DE	DS	Barings LLC	Ownership	100.000	MMLIC		
0000		-	84-1149206	2897101			Oppenheimer Acquisition Corp.	DE	DS	MassMutual Asset Management Holding LLC	Ownership	97.000	MMLIC		·
0000			13-2527171	2679183	0000820031		Oppenheimer Acquisition Corp.	CO	DS DS	Oppenheimer Acquisition Corp	Ownership	97.000	MMLIC		
0000			13-2953455		0000276541		OppenheimerFunds Distributor, Inc.	NY	DS.	Oppenheimer Acquisition corp.	Ownership.	100.000	MMLIC		
0000			84-1106295				Oppenheimer Real Asset Management, Inc.	DE	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			13-4160541	3458125	0001179479		OFI Global Institutional, Inc.	NY	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000		-	22-2697140	.			HarbourView Asset Management Corporation	NY	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	. MMLIC		
0000			13-3459790	. 2914875			OFI Global Trust Company	NY	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	. MMLIC		
0000		-					OFI International, Ltd.	GBR	DS	OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000			60-2233720				SNW Asset Management Corporation	DE	DS DS	OFI Institutional Asset Management, Inc OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000		-	. 60-2233720 . 25-1951632		0000099782		Seattle Northwest Asset Management LLC Trinity Investment Management Corporation	WA PA	DS	OFI Institutional Asset Management, Inc OFI Institutional Asset Management, Inc	Ownership	100.000	MMLIC		
0000		-	84-1128397		0000099762		OFI SteelPath, Inc.	PA	DS	OppenheimerFunds. Inc	Ownership	100.000	MMLIC		
0000			84-1066811		0000276398		Shareholder Services, Inc.	CO	DS	OppenheimerFunds, Inc.	Ownership.	100.000	MMLIC		
0000		.					VTL Associates , LLC	PA	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000							Index Management Solutions, LLC	PA	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			84-0765063		0001041674		OFI Global Asset Management, Inc.	DE	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			91-2036414		0001179480		OFI Private Investments Inc.	NY	DS	OppenheimerFunds, Inc.	Ownership	100.000	MMLIC		
0000			62-1210532	.			Tremont Group Holdings, LLC	NY	DS	Oppenheimer Acquisition Corp	Ownership	100.000	_ MMLIC		.1

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											(Ownership,	is		ls an	
						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000			06-1121864		0000764139		Tremont Partners, LLC	CT	DS	Tremont Group Holdings, Inc.	Ownership	100.000	_ MMLIC		
0000			20-8215352				Tremont GP, LLC	DE	DS	Tremont Group Holdings, Inc.	Ownership	100.000	. MMLIC		
0000			90-0874510				Settlement Agent LLC	DE	DS DS	Tremont GP Tremont Group Holdings, Inc	Ownership	100.000	MMLIC		
							Tremorit (bermuda) Limited	DIVIU		Massachusetts Mutual Life Insurance	Ownership		. MMLIC		
0000			04-3313782				MassMutual International LLC	DE	DS	Company	Ownership	100.000	MMLIC	٧	
0000		-	01 0010702				MassMutual Asia Limited	_HKG	DS	MassMutual International LLC	Ownership	100.000	MMLIC		
0000							MassMutual Asia Investors Ltd	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		
0000							MassMutual Guardian Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		
0000		-					MassMutual Insurance Consultants Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	. MMLIC		·
0000		-					MassMutual Services Limited	HKG	DS	MassMutual Asia Limited	Ownership	100.000	MMLIC		·
0000			98-0610331				MassMutual Trustees Limited Protective Capital (International) Limited	HKG	DS DS	MassMutual Asia Limited	Ownership	80.000	MMLIC		
0000			98-1033127				MassMutual Internacional (Chile) SpA	CHL	DS	MassMutual International LLC	Ownership	100.000	MMLIC		
0000			30 1000127				MassMutual Life Insurance Company	JPN	DS	MassMutual International LLC	Ownership	100.000	MMLIC		
							massimutati 2115 misaransa sampani			Massachusetts Mutual Life Insurance					
0000			04-2443240				MML Management Corporation	MA	DS	Company	Ownership	100.000	MMLIC	Y	
0000			04-3548444				MassMutual International Holding MSC, Inc	MA	DS	MML Management Corporation	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				MML Mezzanine Investor II, LLC	DE	DS	Company	Ownership	100.000	MMLIC		
0000			04-1590850				MML Mezzanine Investor III, LLC	DE	DS	Massachusetts Mutual Life Insurance Company	Ownership	100.000	MMLIC		
0000			04-1090000				WML Mezzaiiiie iiivestoi iii, LLC	UE		Massachusetts Mutual Life Insurance	Owner Sirrp	100.000	. MINILIO		
0000			27-3576835				MassMutual External Benefits Group LLC	DE	DS	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-8730751				Cornerstone Global REIT Corporation	DE	DS	Company	Ownership	100.000	. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			04-1590850				100 w. 3rd Street LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000			04-1590850				300 South Tryon Hotel LLC	DE	NIA	Massachusetts Mutual Life Insurance	Ownership	100.000	MMLIC		
			. 04-1590650				300 South Tryon noter LLC	VE	NIA	Company Massachusetts Mutual Life Insurance	Owner Strip	100.000	. MINILIO		
0000			04-1590850				300 South Tryon LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			20-3887968				54 West Capital LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
							l <u>.</u>			Massachusetts Mutual Life Insurance	L				
0000		-	16-1720387				Alexandria Towers Investors LLC	DE	NIA	Company	Ownership	100.000	MMLIC		·
0000							Almack Mezzanine Fund I LP	GBR	NIA	Massachusetts Mutual Life Insurance	Ownership/Influence	41.800	MMLIC		
0000							Almack Mezzanine Fund   LP	GBR	NIA	Company	Ownership.	4.600	MMLIC		
0000		-					Almack Mezzanine Fund   LP	GBR	NIA	Barings (U.K.) Limitied	Management		- MMLIC		·
		1					Trimed modellino i dila i El			Massachusetts Mutual Life Insurance	man agonori t				T
0000		.					Almack Mezzanine Fund II Unleveraged LP	GBR	NI A	Company	Ownership/Influence	73.100			<b></b>
0000							Almack Mezzanine Fund II Unleveraged LP	GBR	NI A	Barings (U.K.) Limitied	Management		. MMLIC		
			1				l.,,			Massachusetts Mutual Life Insurance		04.005			
0000							Almack Mezzanine Fund III LP	GBR	NIA	Company	Ownership/Influence	34.300	MMLIC		·
0000							Almack Mezzanine Fund III LP	GBR	NIA	C.M. Life Insurance Company	Ownership	3.800	MMLIC		·
							Barings Emerging Markets Corporate Bond Fund	ubn	NI A	Massachusetts Mutual Life Insurance	manayament	<del>-</del>	. mmL10		· · · · · · · · · · · · · · · · · · ·
0000							22go Emorging markets outporate bolid fulld	IRL	NI A	Company	Ownership/Influence	97.000	MMLIC		1
							Barings Emerging Markets Corporate Bond Fund			. ,					
0000								IRL	NIA	Barings LLC	_ Management		MMLIC		
1										Massachusetts Mutual Life Insurance					
0000							Barings Emerging Markets Local Debt Fund	IRL	NI A	Company	Ownership/Influence	24.400	MMLIC		·}
0000							Barings Emerging Markets Local Debt Fund	IRL	NI A	Barings LLC	_ Management		_ MMLIC		

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						Name of Securities			Relation-		Board,	Owner-		SCA	
						Exchange		Domi-	ship		Management,	ship		Filing	
		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
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 Global Special Situations Credit Fund			Massachusetts Mutual Life Insurance					
0000							1	IRL	NI A	Company	Ownership/Influence	100.000	MMLIC		
0000							Barings Global Special Situations Credit Fund	IRL	NIA	Barings LLC	Management		MMLIC		
0000							Babson Capital Global Special Situation	INL	NI A	Massachusetts Mutual Life Insurance	management				
0000			98-1206017				Credit Fund 2	DE	NI A	Company	Ownership/Influence	23.900	MMLIC		
							Babson Capital Global Special Situation								
0000			98-1206017				Credit Fund 2	DE	NI A	C.M. Life Insurance Company	Ownership	1.500	MMLIC		
							Babson Capital Global Special Situation								
0000			. 98-1206017				Credit Fund 2	DE	NI A	Barings LLC	Management		MMLIC		
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Massachusetts Mutual Life Insurance	Ownership/Influence	79.100	MMLIC		
0000			. 37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NIA	Company	Ownership	3.800	MMLIC		
0000			37-1506417				Babson Capital Loan Strategies Fund, L.P	DE	NI A	Barings LLC	Management		MMLIC		
			1000111				Dabbon oup tur Louis ottatogrob runu, L.i.			Massachusetts Mutual Life Insurance	- managomori c				
0000							Barings US High Yield Bond Fund	IRL	NI A	Company	Ownership/Influence	43.000	MMLIC		
0000							Barings US High Yield Bond Fund	IRL	NI A	C.M. Life Insurance Company	Ownership	5.700			
0000							Barings US High Yield Bond Fund	IRL	NI A	Barings LLC	Management		MMLIC		
0000							Babson CLO Ltd. 2012-II	CYM	NI A	Barings LLC	Influence	·····	MMLIC		·
0000			98-1128827				Babson CLO Ltd. 2013-I	CYM	NI A	Barings LLC	Influence	<del>-</del>	MMLIC		4
0000			98-1128827				Babson CLO Ltd. 2013-II	CYM	NIA	Barings LLC	Influence	·	MMLIC		5 2
0000							Babson CLO Ltd. 2014-1	CYM	NIA	Barings LLC	Influence	·····	MMLIC		6
0000							Babson CLO Ltd. 2014-111	CYM	NIA	Barings LLC	Influence		MMLIC		
0000							Babson CLO Ltd. 2015-I	CYM	NI A	Barings LLC	Influence		MMLIC		7
0000							Babson CLO Ltd. 2015-II	CYM	NIA	Barings LLC	Influence		MMLIC		8
0000							Babson CLO Ltd. 2016-I	CYM	NI A	Barings LLC	Influence		MMLIC		
0000							Babson CLO Ltd. 2016-II	CYM	NI A	Barings LLC	Influence	·····	MMLIC		
0000							Babson Euro CLO 2014-I BV	NLD	NI A	Barings LLC	Influence	· <del>-</del>	MMLIC		
0000							Babson Euro CLO 2014-II BV	NLD	NIA	Barings LLC	Influence.	· <del> </del>	MMLIC		
0000							Babson Euro CLO 2016-1 BV	NLD	NIA	Barings LLC	Influence		MMLIC		
							545501 2410 020 2010 1 D1	,		Massachusetts Mutual Life Insurance					
0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Company	Ownership/Influence	99.400	MMLIC		
0000			81-0841854				Barings CLO Investment Partners LP	DE	NI A	Barings LLC	Management	<del>-</del>	MMLIC		
							Barings Real Estate European Value Add I SCSp			Massachusetts Mutual Life Insurance	L		l		
0000			-				D : D   E       E	GBR	NI A	Company	Ownership/Influence	90.000	MMLIC		
0000							Barings Real Estate European Value Add I SCSp	GBR	NI A	C.M. Life Insurance Company	Ownership	10.000	MNLIC		
0000							Barings Real Estate European Value Add I SCSc	nun	INI A	O.W. LITE INSULANCE COMPANY	- Owner Strip	10.000	mmLIV		
0000							Dai ingo noa i Estate European varue Auu i 300).	GBR	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 11-3789446				Baring Focused EAFE Equity Fund	DE	NI A	Company	Ownership/Influence	43.200	MMLIC		
0000			11-3789446				Baring Focused EAFE Equity Fund	DE	NI A	Baring Asset Management Limited	Management		MMLIC		ļ
0000			. 30-0607379		0001497049		Baring Global Dynamic Asset Allocation Fund	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
0000			00 1000004				Barings Global Energy Infrastructure Fund I	0/4	NII A	Massachusetts Mutual Life Insurance	O-manahi - /Infli	00.000	100 10		
0000			98-1332384				Barings Global Energy Infrastructure Fund I	CYM	NI A	Company	Ownership/Influence	99.200	MMLIC		
0000			98-1332384				IP	CYM	NIA	Baring Asset Management Limited	Management		MMLIC		
			1002004					m		Massachusetts Mutual Life Insurance					
0000							Barings Global Private Loan Fund	LUX	NI A	Company	Ownership/Influence	18.600	MMLIC		
0000							Barings Global Private Loan Fund	_LUX	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			. 38-4010344				Barings North American Private Loan Fund LP .	DE	NI A	Company	Ownership/Influence	82.000	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.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence,	Percen-	Ultimate Controlling	quired?	
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Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	
0000			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	28.800	MMLIC		
0000			98-1332384				Barings RE Credit Strategies VII LP	DE	NI A	Baring Asset Management Limited	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			26-4142796				Baring International Small Cap Equity Fund	DE	NIA	Company	Ownership/Influence	64.300	MMLIC		
0000			26-4142796				Baring International Small Cap Equity Fund	DE	NIA	Baring Asset Management Limited	Management	04.000	MMLIC		
0000			98-0536233				Benton Street Partners I, L.P.	CYM		MassMutual Capital Partners LLC			MMLIC		
0000			98-0536233						NI A	Massmutual Capital Partners LLC   Barings LLC	Ownership/Influence		MMLIC		
				-			Benton Street Partners I, L.P.	CYM	NI A		Management				·
0000			98-0536233	-			Benton Street Partners I, L.P.	CYM	NI A	C.M. Life Insurance Company	Ownership	0.100	MMLIC		
		1	1	1		1				Massachusetts Mutual Life Insurance					
0000			. 98-0536233				Benton Street Partners I, L.P.	CYM	NI A	Company	Ownership	0.400	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			98-0536199				Benton Street Partners II. L.P.	CYM	NIA	Company	Ownership/Influence	28,600	MMLIC		3
0000			98-0536199				Benton Street Partners II, L.P.	CYM	NI A	MassMutual Capital Partners LLC	Ownership.	10.400	MMLIC		
			98-0536199				Benton Street Partners II. L.P.	CYM	NIA	Barings LLC	Management		MMLIC		1
			. 30-030133				Delitor Street Farthers II, L.F.	UTWL	NIA	Massachusetts Mutual Life Insurance	management	····	. MINILIO		
0000							D 5 V 4 1 1 D	DE			0 1: // //	04 000	1011 10		
0000							Braemar Energy Ventures I, L.P.	DE	NI A	Company	Ownership/Influence	91.300	. MMLIC		
0000							Braemar Energy Ventures I, L.P.	DE	NI A	C.M. Life Insurance Company	Ownership	1.400	MMLIC		
0000							Braemar Energy Ventures I, L.P.	DE	NI A	Barings LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			06-1614196				Cambridge Hotel, LLC	DE	NI A	Company	Ownership	100.000	MMLIC		
										Massachusetts Mutual Life Insurance					1
0000			04-1590850				Cheyenne Mountain Resort LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
0000			_ 04-100000				Barings European Core Property Fund SCSCp	LUX	NIA	MassMutual Holding LLC	Ownership/Influence	45.300	MMLIC		
0000													MMLIC		
							Barings European Core Property Fund SCSCp	LUX	NI A	C.M. Life Insurance Company	Ownership	2.900			
0000							Barings European Core Property Fund SCSCp	LUX	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture I LP	DE	NI A	MassMutual Holding LLC	Ownership/Influence	50.000	. MMLIC		
0000			27-1701622		0001481752		Cornerstone Core Mortgage Venture   LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-3751572		0001534877		Cornerstone Enhanced Mortgage Fund   LP	DE	NI A	Company	Ownership/Influence	15.500	MMLIC		
0000			45-3751572		0001534877		Cornerstone Enhanced Mortgage Fund   LP	DE	NI A.	Barings Real Estate Advisers LLC	Management		MMLIC		1
			100000012		000 100 <del>1</del> 011		Some stone Emiliancea mor tyaye rand I El			Massachusetts Mutual Life Insurance	- Imanagonori		E1V		1
0000		1	20-8730751	1		1	Corneratore Clabel Book Fatata LB	DE	NIA		Ownership / Influence	92.300	MMLIC		
				-			Cornerstone Global Real Estate LP			Company	Ownership/Influence				·
0000			20-8730751				Cornerstone Global Real Estate LP	DE	NI A	C.M. Life Insurance Company	Ownership	7.600	MMLIC		
0000			20-8730751	-			Cornerstone Global Real Estate LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
		1	1	1		1				Massachusetts Mutual Life Insurance					
0000			36-4770946	.	0001590049		Cornerstone High Yield Venture LP	DE	NI A	Company	Ownership/Influence	50.000			1
0000			36-4770946	.1	0001590049	l	Cornerstone High Yield Venture LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		l
0000			20-5578089				Barings Core Property Fund LP	DE	NIA	MassMutual Holding LLC	Ownership/Influence	10.400	MMLIC		
.0000			20-5578089	1			Barings Core Property Fund LP	DE	NIA	Barings Real Estate Advisers LLC	Management		MMI IC		1
							Darings out of topolity fullu Li			Massachusetts Mutual Life Insurance					1
0000		1	07 0547450	1		1	Corneratore Deal Fatat: First Will LD	DE	NI A		Ownership / Influence	6 000	MMLIC		
0000			27-0547156				Cornerstone Real Estate Fund VIII LP	DE	NI A	Company	Ownership/Influence	6.800			
0000			27-0547156	-			Cornerstone Real Estate Fund VIII LP	DE	NI A	Barings Real Estate Advisers LLC	Management		MMLIC		
		1	1	1		1			1	Massachusetts Mutual Life Insurance					
0000			46-5432619	.			Cornerstone Real Estate Fund X LP	DE	NI A	Company	Ownership/Influence	24.700			
0000			46-5432619	.]			Cornerstone Real Estate Fund X LP	DE	NIA	C.M. Life Insurance Company	Ownership.	2.800	MMLIC		l
0000			46-5432619				Cornerstone Real Estate Fund X LP	DE	NIA	Barings Real Estate Advisers LLC	Management		MMLIC		
			1.5 5.52510	1			The state of the s			Massachusetts Mutual Life Insurance					
0000		1	46-5437441	1		1	Barings/LAZ Parking Fund LP	DE	NIA	Company	Ownership/Influence	99.100	. MMLIC		
			46-5437441	-				DE	NIA	Barings Real Estate Advisers LLC		100	MMLIC		1
			- 40-043/441				Barings/LAZ Parking Fund LP				Management				·
0000			-	3981641			Duchess VI CLO B.V.	GBR	NI A	Barings LLC	Influence		MMLIC		
0000				4007502			Duchess VII CLO B.V.	GBR	NI A	Barings LLC	Influence	<b></b>	MMLIC		

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Name of Sealanting   Part	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Part   Part	Group	O No				Olle					(Name of Entity/Dansey)					*
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Company   Comp	0000			00 0007000				F Wine Land Venture 110	חר	ALL A		0h:	100 000	MM 10		
March   Marc	0000			. 20-388/968				E-Wise Land Venture LLC	UE	NI A		Ownership	100.000	- MMLIC		
200   30.000000   30.0000000   30.0000000   30.0000000   30.0000000   30.0000000   30.0000000   30.00000000   30.00000000   30.00000000   30.00000000   30.00000000   30.00000000   30.000000000   30.0000000000	0000			00 0001050		0001517106		Cotamon Marranina Bantuara I. I. B.	DE	NII A		Ownershie /Influence	70 500	MM IC		
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Description   Description																
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1.00	0000			90-0991195		0001597511		Gateway Mezzanine Partners IIIP	DF	NIA		Ownership/Influence	43 600	MML IC		
100   100-099995   100-099995   100-099995   100-099995   100-099995   100-0									DE							
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Company   Comp						0001565779			DE	NI A		Ownership/Influence	35.700	MMLIC		
2000   26-98098				37-1708623		0001565779			DE	NI A		Management		MMLIC		
								JPMDB Commercial Mortgage Securities Trust			-					
Description   Description	0000			38-4032059				2017-C5	NY	NI A		Management		MMLIC		
Marco helet LLC											Massachusetts Mutual Life Insurance					
Decoration   Dec	0000			20-3887968				Kazwell Realty Partners LLC	DE	NI A		Ownership	100.000	- MMLIC		
December   December																
0.000	0000			46-4255307	-			Marco Hotel LLC	DE	NI A		Ownership	100.000	- MMLIC		
Mode   Section   Section   Mode   Section   Section   Mode   Section   S																
Massenbast R Mutal Life Insurance   Description   Mal C   Ma													100.000			
DOC   December   Doc   December   0000			81-3000420				MM Debt Participations LLC	DE	NI A		Management		MMLIC			
Description	0000			00 0700700				MM 0115 11-4-1 11 0	חר	ALL A		0h:	100 000	MM 10		
Doctor   D	0000			20-3/99/02				MML U'Hare Hotel LLC	UE	NI A		_ Ownersnip	100.000	- MMLIC		
2000   20-3887686   0   0   d   Pasco Properties LLC   DE   NA   Corpus yn	0000			20. 2007060				Oaklay Craya Dayala-mant II C	DE	NII A		O-marahi-	100,000	MM IC		
DOCO   DOC   0000			20-300/900				Oaktey Grove Development LLC	UE	NI A		. Owner strip	100.000	- MINILIC			
Design   D	0000			20_3887068				Old Passa Properties IIC	DE	NI A		Ownership	100,000	MML IC		
Design   D	0000			20-3007300				Old Lasco Lloper ties LLC	-  UL	NI //		Owner Sirry		. mmL10		
D000	0000			75-2901061				Reston Arboretum IIC	DF	NΙΔ		Ownership	100 000	MML IC		
D000				70 200 100 1				TIOS COTT AT DOTO COM LEGO				Omici dirip				
	0000			30-0713071				Riva Portland LLC	DE	NIA		Ownership	100.000	MMLIC		
DOOD   S4-2055778									GBR							
											Massachusetts Mutual Life Insurance					
D000	0000			54-2055778	.			Rockville Town Center LLC	VA	NI A	Company	Ownership	100.000	MMLIC		
DOOD   D4-1590850   D4-159085					1					1		1			1	
D000	0000			46-5491311				Seattle 1415 Hotel Owner LLC	DE	NI A		Ownership	100.000	MMLIC		
D000   D000					1					1					1	
D000	0000			. 04-1590850				Sedona TFMP Land LLC	DE	NI A		Ownership	100.000	MMLIC		
D000   D000   D00149910   D001499910   D00					1							1			1	
Decoration   Dec					-								3.000			·
Decoration   Dec	0000			20-88568/7		. 0001409910		Somerset Special Opportunities Fund L.P	.  DE	NI A		management		MMLIC		
Decompt   Deco	0000			04 1500050				South Must la Mansauia MM II C	DE	NIA		Ownership	100,000	IMILIC	1	
	0000			04-1090850				South Myrtie Monrovia MM LLC	ut	NIA		ownersnip	100.000	MMLIC		
Double	0000			20_2227060				South Passa Proportion IIC	D⊏	MIA		Ownerchin	100 000	MML IC	1	
.0000	0000			20-300/900				Journ Fasco Floper (les LLC	uc	NIA		- Owner strip	100.000	. MINIL TO		
	0000			30-0336246		0001345370		Tower Square Capital Partners II I P	DE	NΙΔ		Ownershin/Influence	28 300	MML IC	1	
					1			Tower Square Capital Partners II. I P								
0000						300.010070		oqual o oup tur fullion of the Ell o								
	0000			32-0160190	.]			Tower Square Capital Partners II-A. L.P.	DE	NI A		Ownership/Influence	85.000	MMLIC		<u> </u>

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## SCHEDULE Y

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		_									Type	If			
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						Name of Securities			Relation-		Board,	Owner-		SCA	
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		NAIC				if Publicly Traded	Names of	ciliary	to		Attorney-in-Fact,	Provide		Re-	
Group		Company	ID	Federal		(U.S. or	Parent, Subsidiaries	Loca-	Reporting	Directly Controlled by	Influence.	Percen-	Ultimate Controlling	quired?	
Code	Group Name	Code	Number	RSSD	CIK	International)	Or Affiliates	tion	Entity	(Name of Entity/Person)	Other)	tage	Entity(ies)/Person(s)	(Y/N)	*
0000	aroup reame	Oouc	32-0160190	TIOOD	Oil	international)	Tower Square Capital Partners II-A, L.P	DE	NIA	Barings LLC	Management	iago	MMLIC	(1/14)	+
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			11 2200127		0001111011		Tonor oquare oup tur rur moro rri, E.r.			Massachusetts Mutual Life Insurance	managoniorit				
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P.	DE	NI A	Company	Ownership/Influence	4.900	MMLIC		
0000			41-2280127		0001447547		Tower Square Capital Partners III, L.P.	DE	NI A	MassMutual Holding LLC	Ownership/Influence	15.300	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			41-2280129		0001447548		Tower Square Capital Partners IIIA, L.P	DE	NI A	Company	Ownership/Influence	95.600	MMLIC		
0000			41-2280129		0001447548		Tower Square Capital Partners IIIA, L.P	DE	NI A	Barings LLC	Management		MMLIC		
0000			00 000000		0004500707			DE.		Massachusetts Mutual Life Insurance		04 000	144 10		
0000			80-0920367		0001598727		Tower Square Capital Partners IV-A, L.P.	DE	NIA	Company	Ownership/Influence	21.300	MMLIC		
0000			80-0920367		0001598727		Tower Square Capital Partners IV-A, L.P	DE	NIA	Barings LLC	Management		MMLIC		·
0000			04-3722906		0001228752		Tower Square Capital Partners, L.P.	DE	NI A	Company	Ownership/Influence	35.800	MMLIC		
0000			04-3722906		0001228752		Tower Square Capital Partners, L.P.	DE	NIA	C.M. Life Insurance Company	Ownership.	0.500	MMLIC		
0000			04-3722906		0001228752		Tower Square Capital Partners, L.P.	DE	NIA	Barings LLC	Management		MMLIC		
			04 0722300		0001220732		Tower oquare oapriar rai thors, E.r.		NIA	Massachusetts Mutual Life Insurance	management		mmE10		1
0000			04-1590850				West 46th Street Hotel LLC	DE	NI A	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							Fund	IRL	NI A	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Sovereign Debt Fund								
0000								IRL	NI A	Barings LLC	Management		MMLIC		
0000			27-3330830		0001521404		Babson Capital Floating Rate Income Fund,	DE	NIA	MassMutual Holding LLC	0	0.000	MMLIC		
0000			. 21-3330630		000 132 1404		Babson Capital Loan Strategies Master Fund LP	VE	NI A	massmutual Holding LLC	Ownership		. MMLIC		
0000							Dabson Capital Ecan Ottategres master rand E	CYM	NIA	Barings LLC	Management		MMLIC		
							Barings Global Investment Grade Corporate			541 mgo 220					
0000							Plus Fund	IRL	NI A	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Debt Blended Total			_					
0000			47-3758432				Return Fund	MA	NI A	Barings LLC	Management		MMLIC		
							Barings Emerging Markets Local Currency Debt								
0000			47-3774453				Fund	MA	NI A	Barings LLC	Management		MMLIC		
0000			47-3790192				Barings Global High Yield Fund Baring Greater China Equity Fund	MA HKG	NIA NIA	Barings LLCBaring Asset Management Limited	Management		MMLIC		
0000			47-3734770				Barings Total Return Bond Fund	MA	NIA	Baring Asset Management Limited	Management		MMLIC		
0000			47-3801860				Barings U.S. High Yield Fund	MA	NIA	Barings LLC	Management		MMLIC		
0000							Gateway Mezzanine Partners I Trust	AUS	NIA	Barings LLC	Management		MMLIC		
			1				more and the first transfer and transfer and		I	Massachusetts Mutual Life Insurance					[
0000			71-1018134				Great Lakes II LLC	DE	NI A	Company	Ownership	11.200	MMLIC		<u> </u>
0000			71-1018134				Great Lakes II LLC	DE	NI A	C.M. Life Insurance Company	Ownership	1.000	MMLIC		
									1	Massachusetts Mutual Life Insurance					
0000			56-2505390				Great Lakes LLC	DE	NI A	Company	Ownership	4.400	MMLIC		
0000			. 56-2505390				Great Lakes LLC	DE	NI A	C.M. Life Insurance Company	Ownership	0.500	MMLIC		
0000			46-2344300				Intermodal Holdings II LLC	DE	NIA	Barings LLC	Influence	<del>-</del>	MMLIC		
0000							Somerset Special Opportunities Master Fund	CYM	NIA	Barings LLC	Management		MMLIC		
							LF	UTWL	NIA	Massachusetts Mutual Life Insurance	. manayenent.		MMLIU		·
0000			04-1590850				Wood Creek Venture Fund LLC	DE	NIA	Company	Ownership	40.000	MMLIC		
							NOON OF CONTROL OF UNITED LED			Massachusetts Mutual Life Insurance	οπιοι σιτρ		IIIII   V		1
0000			20-2548283				12-18 West 55th Street Predevelopment, LLC	DE	NI A	Company	Ownership.	89.200	MMLIC		
0000			20-2548283				12-18 West 55th Street Predevelopment, LLC	DE	NI A	C.M. Life Insurance Company	Ownership	7.800	MMLIC		
										Massachusetts Mutual Life Insurance	,				
0000			36-4823011				50 Liberty LLC	DE	NI A	Company	Ownership	46.100	MMLIC		<u> </u>
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Name of Securities Exchange if Publicly Traded Names of Exchange if Publicly Traded Names of Exchange if Publicly Traded Names of Exchange Ciliary Exchange Ciliary Exchange Exchange From Names of Exchange F	12 13 Type If of Control Control (Ownership, Board, Owner- Management, ship	14	15	16
Name of Securities Exchange if Publicly Traded Names of  Names of  Names of  Names of  Names of  Names of  Names of  Names of  Names of  Names of  Names of  Names of	of Control Control (Ownership, is Board, Owner-			' 1
Name of Securities Exchange if Publicly Traded Names of Exchange if Publicly Traded Names of Exchange if Publicly Traded Names of Exchange Ciliary Exchange Ciliary Exchange Ciliary Exchange Ciliary Exchange Exchange Figure 1  Exchange Figure 2  Exchange Figure 3  Exchange Figure 4  Exchange Figure	(Ownership, is Board, Owner-			
Name of Securities Exchange Domi- ship Names of ciliary to Atto	Board, Owner-			, ,
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	torney-in-Fact, Provide		Re-	, ,
	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)	*
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	3.200	MMLIC		
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	5.600	MMLIC		·
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	0.100	MMLIC		
Massachusetts Mutual Life Insurance				, ,
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	6.000	MMLIC		
.0000 B1-0890084 CREA Madison Member LLC DE NIA C.M. Life Insurance Company Ownership.	100.000	MMLIC		
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Massachusetts Mutual Life Insurance				,
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	6.600	MMLIC		·
Massachusetts Mutual Life Insurance 0000	58.500	MMLIC		, !
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Massachusetts Mutual Life Insurance	3.000			
	94.500	MMLIC		,l
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Massachusetts Mutual Life Insurance	4 000	144 10		, !
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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.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			81-2871333				MM Chatham Office LLC	חר	NIA	Massachusetts Mutual Life Insurance	0	00.400	104 10		
0000			81-28/1333				MM Chatham Office LLC	DE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	83.400	MMLIC		
0000			81-2871333				MM Chatham Office LLC	DE	NI A	Company	Ownership	16.600	MMLIC		
			207 1000				Salomon Brothers Commercial Mortgage Trust			ompuny	omioi omp.				
0000							2001-MM	DE	NI A	Barings Real Estate Advisers LLC	Influence		. MMLIC		
										Massachusetts Mutual Life Insurance					
0000			27-2977720				Sawgrass Village Shopping Center LLC	DE	NI A	Company	Ownership	84.200	MMLIC		
0000			27-2977720				Sawgrass Village Shopping Center LLC	DE	NI A	C.M. Life Insurance Company	Ownership	15.800	MMLIC		·
0000							Ten Fan Pier Boulevard LLC	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership	91.000	MMLIC		
0000							Ten Fan Pier Boulevard LLC	DE	NIA	C.M. Life Insurance Company	Ownership.	9.000	MMLIC		· · · · · · · · · · · · · · · · · · ·
							Ton Fan From Bourevard ELO		NIA	Massachusetts Mutual Life Insurance	omici sirip.		mine 10		
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	59.200	MMLIC		
0000			35-2484550				Twenty Two Liberty LLC	MA	NI A	C.M. Life Insurance Company	Ownership	5.900	. MMLIC		·
0000			45-4606547				UK LIW Manager LLC	DE	NI A	Massachusetts Mutual Life Insurance Company	Ownership	1.000	MMLIC		
0000			45-4000547				ON LIW Wallager LLC		NI A	Massachusetts Mutual Life Insurance	Owner Strip				
0000			45-4606547				UK LIW Member LLC	DE	NIA	Company	Ownership	99.000	MMLIC		
										Massachusetts Mutual Life Insurance					
0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NI A	Company	Ownership	92.000			
0000			45-5401109				Washington Gateway Apartments Venture LLC	DE	NI A	C.M. Life Insurance Company	Ownership	4.800	. MMLIC		
0000			20-2970495				Water food Donale work Associates	DE	ALL A	Massachusetts Mutual Life Insurance	0	90.000	MMLIC		
0000			20-2970495				Waterford Development Associates	VE	NI A	Company Massachusetts Mutual Life Insurance	Ownership	90.000	NIMIL TO		·
0000			47-1993493				Waterloo London Holdings LLC	DE	NIA	Company	Ownership	100.000	MMLIC		
			1000.00				mater too zender toranige zze			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	NI A	C.M. Life Insurance Company	Ownership	12.600			
								25		Massachusetts Mutual Life Insurance		50.000			
0000			81-1552222				Willowwood Lakeside Master LLC	DE	NI A	Company	Ownership	50.000	MMLIC		4
0000		1	20-5481477				Ygnatio Valley Funding	DE	NIA	Massachusetts Mutual Life Insurance Company	Ownership.	90.000	MMLIC		1
0000			20-3401477				Ignatio varies runding	UL	NI /	Massachusetts Mutual Life Insurance	Owner Strip				
0000			45-3168892			0Q	MassMutual Barings Dynamic Allocation Fund	MA	NI A	Company	Ownership	0.000			
							J. ,			Massachusetts Mutual Life Insurance					
0000			51-0529328		0000927972	00	MassMutual Premier Main Street Fund	MA	NI A	Company	Ownership	0.000	MMLIC		l
							MassMutual Premier Strategic Emerging Markets			Massachusetts Mutual Life Insurance					
0000			26-3229251		0000927972	0Q	Fund	MA	NI A	Company	Ownership	0.000	. MMLIC		
0000			04-3277550		0000927972	00	MassMutual Premier Value Fund	MA	NI A	Massachusetts Mutual Life Insurance Company	Ownership	96.400	MMLIC		
			04-3277330		0000921912	04	MassMutual Select Diversified International	MA	NIA	Massachusetts Mutual Life Insurance	Owner Strip	90.400			
0000			14-1980900		0000916053	0Q	Fund	MA	NIA	Company	Ownership	0.000	MMLIC		]
										Massachusetts Mutual Life Insurance	,				
0000			01-0821120		0000916053	0Q	MassMutual Select Diversified Value Fund	MA	NIA	Company	Ownership	0.000	. MMLIC		
		1	l							Massachusetts Mutual Life Insurance					
0000			04-3512593		0000916053	0Q	MassMutual Select Fundamental Growth Fund	MA	NI A	Company	Ownership	0.000			·
0000		1	04-3513019		0000016050	00	Masshutual Calast Laws Co. Value 5:	МА	NII A	Massachusetts Mutual Life Insurance	Ownership	18.000	MMLIC		
0000			14-35 130 19		0000916053	UV	MassMutual Select Large Cap Value Fund	MA	NI A	Company Massachusetts Mutual Life Insurance	Ownership	000.81	NINIL IC		·
0000		1	42-1710935		0000916053	00	MassMutual Select Mid-Cap Value Fund	MA	NI A	Company	Ownership	79.700	MMLIC		
			1/ 10000		22300 10000	~ ~	Imacomataa, ootoot mid oup raido i diid	m/ C	-p	ourpant	.   vv. viii p				

NAIC Company ID Federal RSSD CIK International)  Output  Outpu	If ntrol is syntem is synt	Is an SCA Filing Required? (Y/N) *
NAIC Company ID Federal RSSD CIK International)  Name of Securities Exchange if Publicly Traded (U.S. or International)  Names of Parent, Subsidiaries Code Reporting Code RSSD CIK International)  Names of Code Number Code (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International)  Names of Ciliary Loca-Reporting Exchange if Publicly Traded (U.S. or International Select Small Capital Value Equity Fund Massachusetts Mutual Life Insurance Company Massachusetts Mutual Life Insurance Company Ownership.  Name of Securities Exchange if Publicly Traded (U.S. or Parent, Subsidiaries Collary Loca-Reporting Exchange in Publicly Traded (U.S. or Parent, Subsidiaries Collary Loca-Reporting Exchange in Publicly Traded (U.S. or Parent, Subsidiaries Collary Loca-Reporting Directly Controlled by (Name of Entity/Person)  Nassachusetts Mutual Life Insurance Company Massachusetts  is //ner- hip povide rccen- gge	SCA Filing Re- quired?	
Name of Securities   Exchange   Federal   Federal   Federal   RSSD   CIK   International)   Names of   International   Names of   Parent, Subsidiaries   Location   Ship to   Name of   Company   Code   Number   Code	vner- hip pvide crcen- gge Ultimate Controlling Entity(ies)/Person(s)  400 MMLIC	SCA Filing Re- quired?
Name of Securities   Exchange   Federal   Federal   Federal   RSSD   CIK   International)   Names of   Parent, Subsidiaries   Output   Code   Company   Code   Number   Code   Code   Code	hip byide roen- Ultimate Controlling enge Entity(ies)/Person(s)  400 MMLIC	Filing Re- quired?
NAIC Group   NAIC Company   ID Code   Group Name   Code   Number   RSSD   CIK   International   Names of International   Names of Parent, Subsidiaries   Nam	hip byide roen- Ultimate Controlling enge Entity(ies)/Person(s)  400 MMLIC	Filing Re- quired?
NAIC Company Code   Group Name   Code   Company Code   Company Code   Company Code   Code	ovide reenage         Ultimate Controlling Entity(les)/Person(s)           400         MMLIC           770         MMLIC           000         MMLIC	Re- quired?
Group Name  Code  Group Name  Code  Group Name  Code  Group Name  Code  Group Name  Code  Company Code  Number  RSSD  CIK  International)  O2-0769954  O000916053  O0  MassMutual Select Small Capital Value Equity Fund  O0000  MassMutual Select Small Company Value Fund  MassAccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Company Massaccusetts Mutual Life Insurance Ownership  Own	Ultimate Controlling	quired?
Code         Group Name         Code         Number         RSSD         CIK         International         Or Affiliates         tion         Éntity         (Name of Entity/Person)         Other)           .00000         .00000         .00000         .00000         .00000         .00000         .00000         .00000         .000000         .00000         .00000         .00000         .000000         .000000         .000000         .000000         .000000         .0000000         .0000000         .0000000         .00000000         .000000000000000         .000000000000000000000000000000000000	age Entity(ies)/Person(s)  400 MMLIC	
Description   Description	400 MML1C	(170)
0000   02-0769954   0000916053   00   Fund  MA	700 MMLIC	
.000	700 MMLIC	
.0000	000 MML1C	
.0000	000 MML1C	
	.000 MMLIC	
.0000		
	000 MMLIC	
Massachusetts Mutual Life Insurance	000 MMLIC	
0000	400	
Massachusetts Mutual Life Insurance	400 MMLIC	
	200 MMLIC	
	200 MMLTC	
	700 MML1C	
Massachusetts Mutual Life Insurance	700 IIIIIL 10	
	400 MMLIC	
Massachusetts Mutual Life Insurance		
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	700 MMLIC	
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Oppenheimer Emerging Markets Innovators UCITS		
	MMLIC	
	MMLIC	
Oppenheimer International Growth & Income  B1-3136071   Fund   DE   NIA   OppenheimerFunds   Inc.   Management   Management   Management   DE   NIA   OppenheimerFunds   OppenheimerFunds   Oppenhei	MMLIC	
	minLTC	
0000 B1-1080638 B1-1080638 DE UNIA Oppenheimer Funds, Inc. Management	MMLIC	

Asterisk	Explanation
1 Massa	ssachusetts Mutual Life Insurance Company owns .52% of the affiliated debt of Jefferies Finance LLC
2 Debt	bt investors own 3.6% and includes only Great Lakes III, L.P.
3 Partr	rtnership investors own 99% and include Babson Capital Loan Strategies Fund, L.P.
4 Debt	bt investors own 8.7% and includes only Babson Capital Loan Strategies Fund, L.P.
5 Debt	bt investors own 4.3% and includes only Great Lakes III, L.P.

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### SUPPLEMENTAL EXHIBITS AND SCHEDULES INTERROGATORIES

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

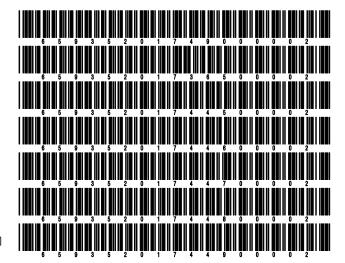
		Response
1.	Will the Trusteed Surplus Statement be filed with the state of domicile and the NAIC with this statement?	NO
2.	Will the Medicare Part D Coverage Supplement be filed with the state of domicile and the NAIC with this statement?	NO
3.	Will the Reasonableness of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
4.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXV be filed with the state of domicile and electronically with the NAIC?	NO
5.	Will the Reasonableness of Assumptions Certification for Implied Guaranteed Rate Method required by Actuarial Guideline XXXVI be filed with the state of domicile and electronically with the NAIC?	NO
6.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Average Market Value) be filed with the state of domicile and electronically with the NAIC?	NO
7.	Will the Reasonableness and Consistency of Assumptions Certification required by Actuarial Guideline XXXVI (Updated Market Value) be filed with the state of domicile and electronically with the NAIC?	NO

#### Explanation:

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

#### Bar Code:

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



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

Additional Write-ins for	Assets	Line 25
--------------------------	--------	---------

			Current Statement Date	)	4
		1	2	3	December 31
				Net Admitted Assets	Prior Year Net
		Assets	Nonadmitted Assets	(Cols. 1 - 2)	Admitted Assets
2504.	Fully refundable deposits, prepayments and miscellaneous assets	128,495,838	102,960,775	25,535,063	45,213,945
2505.	Pension plan asset	655,608,889	655,608,889		
2506.	Cash advances to agents	248, 142,012	248, 142,012		
2507.	Intangible assets	119, 177, 484	119, 177, 484		
2508.	Disallowed interest maintenance reserve	80,586,020	80,586,020		
2509.	Commissions and expenses on long-term lease	49,575,721	49,575,721		
2510.	Bills receivable	510,875	510,875		
2597.	Summary of remaining write-ins for Line 25 from overflow page	1,282,096,839	1,256,561,776	25,535,063	45,213,945

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	68,785,348	60,133,964
2505.	Deferred income	39,470,176	19,920,155
2597.	Summary of remaining write-ins for Line 25 from overflow page	108.255.524	80.054.119

Additional Write-ins for Summary of Operations Line 8.3

	1	2	3
	Current Year	Prior Year	Prior Year Ended
	To Date	To Date	December 31
08.304. Miscellaneous	5,954,883	11,008,355	24,890,451
08.397. Summary of remaining write-ins for Line 8.3 from overflow page	5,954,883	11,008,355	24,890,451

Additional Write-ins for Summary of Operations Line 27

		1	2	3
		Current Year	Prior Year	Prior Year Ended
		To Date	To Date	December 31
2704.	Change in liability for employee/agent benefit plans	13,282,168	7,235,131	18,694,135
2705.	Miscellaneous charges to operations	5,807,727	3,935,276	10,529,507
2797.	Summary of remaining write-ins for Line 27 from overflow page	19,089,895	11, 170, 407	29,223,642

### **SCHEDULE A - VERIFICATION**

Real Estate

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	976,679,957	928 , 176 , 765
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	869 , 158	5,118,335
	2.2 Additional investment made after acquisition	144,289,153	293,276,410
3.	Current year change in encumbrances	(47,700,849)	(97,486,309)
4.	Total gain (loss) on disposals	27,595,544	14,852,798
5.	Deduct amounts received on disposals	109,344,565	59,477,126
6.	Total foreign exchange change in book/adjusted carrying value		
7.	Deduct current year's other than temporary impairment recognized		
8.	Deduct current year's depreciation	50,874,371	106,662,695
9.	Book/adjusted carrying value at the end of current period (Lines 1+2+3+4-5+6-7-8)	941,514,027	976,679,957
10.	Deduct total nonadmitted amounts		
11.	Statement value at end of current period (Line 9 minus Line 10)	941,514,027	976,679,957

### **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	20,963,341,565	22,007,729,394
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition  2.2 Additional investment made after acquisition  Capitalized deferred interest and other	2,000,444,137	3,204,413,320
	2.2 Additional investment made after acquisition	89,604,286	300, 154, 202
3.	Capitalized deferred interest and other	14,678,108	42,853,290
4.	Accrual of discount	1,023,661	2,678,459
5.	Unrealized valuation increase (decrease)		
6.	Total gain (loss) on disposals	(10,262,831)	(7,048,196)
7.	Deduct amounts received on disposals	1,067,467,235	4,422,106,220
8.	Deduct amortization of premium and mortgage interest points and commitment fees	(44,082)	(652,780)
9.	Total foreign exchange change in book value/recorded investment excluding accrued interest	76,433,852	(159,297,451)
10.	Deduct current year's other than temporary impairment recognized		6,688,012
11.	Book value/recorded investment excluding accrued interest at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	22,067,839,625	20,963,341,565
12.	Total valuation allowance		(2,250,000)
13.	Subtotal (Line 11 plus Line 12)	22,067,839,625	20,961,091,565
14.	Deduct total nonadmitted amounts		
15.	Statement value at end of current period (Line 13 minus Line 14)	22,067,839,625	20,961,091,565

### **SCHEDULE BA - VERIFICATION**

Other Long-Term Invested Assets

	-	1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value, December 31 of prior year	7,233,113,042	7,535,417,690
2.	Cost of acquired:		
	2.1 Actual cost at time of acquisition	132,805,395	551,830,195
	2.2 Additional investment made after acquisition	508,978,411	1, 114, 188, 548
3.	Capitalized deferred interest and other		
4.	Accrual of discount		
5.	Unrealized valuation increase (decrease)	586,087,172	449,015,490
6.	Total gain (loss) on disposals	(12,657,962)	2,647,530
7.	Deduct amounts received on disposals	977, 143, 509	2,366,873,704
8.	Deduct amortization of premium and depreciation	221,219	1,542,812
9.	Total foreign exchange change in book/adjusted carrying value	58,698,745	(44,247,946)
10.	Deduct current year's other than temporary impairment recognized	8,682,019	7,321,949
11.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5+6-7-8+9-10)	7,520,978,056	7,233,113,042
12.	Deduct total nonadmitted amounts		
13.	Statement value at end of current period (Line 11 minus Line 12)	7,478,316,241	7,186,889,062

### **SCHEDULE D - VERIFICATION**

Bonds and Stocks

		1	2
			Prior Year Ended
		Year to Date	December 31
1.	Book/adjusted carrying value of bonds and stocks, December 31 of prior year	99,649,127,776	89, 179, 507, 736
2.	Cost of bonds and stocks acquired	16,063,621,595	28,841,807,585
3.	Accrual of discount		
4.	Unrealized valuation increase (decrease)	1,212,887	1,056,408,233
5.	Total gain (loss) on disposals		
6.	Deduct consideration for bonds and stocks disposed of		
7.	Deduct amortization of premium	82,450,630	170,788,494
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized	55,874,199	91,203,739
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)		
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	103,740,574,978	99,649,127,776

### **SCHEDULE D - PART 1B**

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

	1	2	3	4	5	6	7	8
	Book/Adjusted Carrying Value	Acquisitions	Dispositions	Non-Trading Activity	Book/Adjusted Carrying Value	Book/Adjusted Carrying Value	Book/Adjusted Carrying Value	Book/Adjusted Carrying Value
	Beginning	During	During	During	End of	End of	End of	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)	48,532,942,244	4,261,060,381	7,380,121,519	2,983,264,438	48,532,942,244	48,397,145,544		48,353,781,399
2. NAIC 2 (a)	33,277,158,464	10,422,258,011	8,221,009,746	(2,282,239,337)	33,277,158,464	33, 196, 167, 392		31,810,151,289
3. NAIC 3 (a)	4,194,558,569	8,206,740,173	7,932,533,309	(387, 162, 135)	4,194,558,569	4,081,603,298		3,678,759,881
4. NAIC 4 (a)	2,357,218,363	1, 108, 894, 582	972,546,379	(76,058,297)	2,357,218,363	2,417,508,269		2,390,149,329
5. NAIC 5 (a)	939,000,699	21,551,370	43,192,907	113,953,921	939,000,699	1,031,313,083		1,048,929,782
6. NAIC 6 (a)	. 316,091,981		67,053,232	29,328,274	316,091,981	278,367,023		360,223,856
7. Total Bonds	89,616,970,319	24,020,504,517	24,616,457,092	381,086,864	89,616,970,319	89,402,104,608		87,641,995,535
PREFERRED STOCK								
8. NAIC 1	166,700,000				166,700,000	166,700,000		144,700,000
9. NAIC 2	155, 140, 145			4,100,800	155, 140, 145	159,240,945		165,906,546
10. NAIC 3	135,500,002		12,500,002		135,500,002	123,000,000		123,000,000
11. NAIC 4	2,471,066			(86,029)	2,471,066	2,385,037		2,797,430
12. NAIC 5	13,096,601			60,402	13,096,601	13, 157, 003		13, 131, 970
13. NAIC 6	15,357,915			(473,412)	15,357,915	14,884,503		15,389,326
14. Total Preferred Stock	488,265,729		12,500,002	3,601,761	488.265.729	479.367.488		464,925,272
15. Total Bonds and Preferred Stock	90.105.236.048	24,020,504,517	24,628,957,094	384.688.625	90,105,236,048	89,881,472,096		88,106,920,807

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

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

Short-Term Investments

	1 Book/Adjusted	2	3	4 Interest Collected	5 Paid for Accrued Interest
	Carrying Value	Par Value	Actual Cost	Year-to-Date	Year-to-Date
9199999 Totals	615,210,046	XXX	613,928,165		

### **SCHEDULE DA - VERIFICATION**

Short-Term Investments

		1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	707,992,227	167,854,960
2.	Cost of short-term investments acquired	2,099,826,989	2, 154, 741, 437
3.	Accrual of discount	2,843,927	10,354,668
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	34,449	39,287
6.	Deduct consideration received on disposals	2, 195, 487, 546	1,624,998,125
7.	Deduct amortization of premium		
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	615,210,046	707,992,227
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	615,210,046	707,992,227

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

Options, Caps, Floors, Collars, Swaps and Forwards

1.	Book/Adjusted Carrying Value, December 31, prior year (Line 9, prior year)	3,749,418,124
2.	Cost Paid/(Consideration Received) on additions	307,935,959
3.	Unrealized Valuation increase/(decrease)	(553,757,711)
4.	Total gain (loss) on termination recognized	(183,415,061)
5.	Considerations received/(paid) on terminations	2,001,200
6.	Amortization	(297,654)
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)	3,317,882,457
10.	Deduct nonadmitted assets	
11.	Statement value at end of current period (Line 9 minus Line 10)	3,317,882,457

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

	Futures Con		III ICATIO	'IN	
1.	Book/Adjusted carrying value, December 31 of prior year (Line 6, prior year)				
2.	Cumulative cash change (Section 1, Broker Name/Net Cash Deposits Footnote - Cu	mulative Cash Char	nge column)		
3.1	Add:				
	Change in variation margin on open contracts - Highly Effective Hedges				
	3.11 Section 1, Column 15, current year to date minus				
	3.12 Section 1, Column 15, prior year				
	Change in variation margin on open contracts - All Other				
	3.13 Section 1, Column 18, current year to date minus	50,129,088			
	3.14 Section 1, Column 18, prior year	(30,561,317)	80,690,405	80,690,405	
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	50,129,088			
	3.24 Section 1, Column 19, prior year	(30,561,317)	80,690,405	80,690,405	
3.3	Subtotal (Line 3.1 minus Line 3.2)				
4.1	Cumulative variation margin on terminated contracts during the year		25 , 234 , 697		
4.2	Less:				
	4.21 Amount used to adjust basis of hedged item				
	4.22 Amount recognized	55,796,014	55,796,014		
4.3	Subtotal (Line 4.1 minus Line 4.2)				(30,561,317)
5.	Dispositions gains (losses) on contracts terminated in prior year:				
	5.1 Total gain (loss) recognized for terminations in prior year				
	5.2 Total gain (loss) adjusted into the hedged item(s) for terminations in prior year				30,561,317
6.	Book/Adjusted carrying value at end of current period (Lines 1+2+3.3-4.3-5.1-5.2)				
7.	Deduct total nonadmitted amounts				
Ω	Statement value at end of current period (Line 6 minus Line 7)				

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

					Replicati	on (Synthet	ic Asset) Tra	nsactions Open as of C	urrent Statemen						
			thetic Asset) Tra		0	-	1 0	Danis antis a	l		of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8		Instrument(s) Oper		10		Instrument(s) Held	15	10
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	Hook/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*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds	)	50,000,000	45,000,000	45,218,632	10/01/2012	10/01/2042	Interest Rate Swaps		216,247	85815X-AQ-6	STEELE CREEK CLO LTD-STCR 2014-1A	1	45,000,000	45,002,385
57629*AA9	Evergreen Basket of Long Fixed Rate Corp Inv Grade Equiv Bonds	)		11, 195, 844	12.285.000	10/01/2012	10/01/2042	Interest Rate Swaps		210,247	320808-AD-0	FIRST MARYLAND CAP I-LIMITED GUARANTEE NOTE	2	11, 195, 844	12,285,000
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	)	50,000,000	5,600,000	, ,	10/01/2012	10/01/2042	Interest Rate Swaps		158,060	87246M-AA-0	TICP CLO LTD-SERIES 2016-6A CLASS A	1	5,600,000	
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	2		27,716,958	27,805,340	10/01/2012	10/01/2042	Interest Rate Swaps			G7818N-ZZ-5	SASOL CHEMICALS (USA) LLC	2	27,716,958	27,805,340
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	2		5,505,407	5,505,407	10/01/2012	10/01/2042	Interest Rate Swaps			77277L-A7-2	ROCKALL CLO BV Variable Funding Note- USD	1	5,505,407	5,505,407
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above2	2		4,949,861	4,949,490	10/01/2012	10/01/2042	Interest Rate Swaps			U8270Y-ZZ-4	SILVER STATE SOLAR SOUTH	2	4,949,861	4,949,490
57629*AB7	Evergreen Basket of Long Fixed Rate Bank Loans B- or Above	2		1,728,150	1,729,446	10/01/2012	10/01/2042	Interest Rate Swaps			81683U-AF-4	SEMINOLE TRIBE OF FLORIDA	2	1,728,150	1,729,446
57629*AB7	Bank Loans B- or Above	2		2,968,493	2,969,128	10/01/2012	10/01/2042	Interest Rate Swaps			14889K-AC-6	CATAMARAN CLO 2015-1 LTD NT CL B OAK HILL CREDIT PARTNERS-SERIES 2013 - 8A CLASS B OHA Credit	1	2,968,493	2,969,128
57629*AB7	Bank Loans B- or Above2 Evergreen Basket of Long Fixed Rate	)		6,966,150		10/01/2012	10/01/2042	Interest Rate Swaps			67104C-AB-3	Partners VIII, LtdTHL CR WIND RIV 2013-1 CLO-SR SECD	1	6,966,150	6,875,220
57629*AC5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	!	264,000,000	16,492,409	15,999,658	11/29/2012	11/29/2042	Interest Rate Swaps		(1,766)	87244D-AC-8	NT CL A-2 144ATHL CR WIND RIV 2013-1 CLO-SR SECD	1	16,492,409	16,001,424
57629*AC5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		13,292,915	13,071,164	11/29/2012	11/29/2042	Interest Rate Swaps			87244D-AA-2 09625Y-AG-6	NT CL A-1 144A	1	13,292,915	13,071,164
57629*AC557629*AC5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	·		4,604,579	4,451,411 45,756,962	11/29/2012	11/29/2042	Interest Rate Swaps		<u></u>	14955A-AA-1	DEF NT CL C	1	46,458,545	4,451,411
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			15.271.632	15.752.599	11/29/2012	11/29/2042	Interest Rate Swaps			39808F-AC-2	GREYWOLF CLO III LTD-SR SECD NT CL A-2 144A	1	15,271,632	
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	······································		154,000,000	153,999,846	11/29/2012	11/29/2042	Interest Rate Swaps			126611-AL-6	CVP CASCADE CLO LTD-CVPC 2014-2A A1R	1	154,000,000	153,999,846
57629*AC5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	I		6,200,000	6,199,566	11/29/2012	11/29/2042	Interest Rate Swaps			94950G-AE-7	WELLFLEET CLO LTD-WELF 2017-1A B	1	6,200,000	6,199,566
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	l		8,928,571	8,928,955	11/29/2012	11/29/2042	Interest Rate Swaps			26251B-AC-0	DRYDEN XXIV SENIOR LOAN F	1		8,928,955
57629*AC5	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1  Evergreen Basket of Long Fixed Rate	l		5,750,000	5,750,058	11/29/2012	11/29/2042	Interest Rate Swaps			03764Q-AU-6	APIDOS CLO	1	5,750,000	5,750,058
57629*AE1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	100,000,000	25,000,000	28,591,635	12/27/2012	12/27/2042	Interest Rate Swaps		3,591,560	939218-AU-7	1A A1RSOUND POINT CLO LTD-SNDPT 2017-1A C	1	25,000,000	25,000,075
57629*AE1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,000,000		12/27/2012	12/27/2042	Interest Rate Swaps			83609R-AE-1	CENT CDO 12 LTD-SR NT SER 2006-12A	1	4,000,000	4,003,312
57629*AE1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,991,928	2,953,588		12/27/2042	Interest Rate Swaps			15135A-AA-1	CL A 144ABABSON CLO LTD-SERIES 15-IA CLASS B	1	2,991,928	2,953,588
57629*AE1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4, 112, 451		12/27/2012	12/27/2042	Interest Rate Swaps			056162-AC-4	SEVEN STICKS CLO LTD-SR SECD NT CL	[1   .	4,112,451	4, 112,817
57629*AE157629*AE1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		17,400,000		12/27/2012	12/27/2042	Interest Rate Swaps			81789G-AA-9 46617Y-AD-5	A-1 144A JFIN CL02015 LTD-MEZZ SECD DEF NT CL C1	1	6,890,000	17,480,110
57629*AE157629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1	·			, ,	12/27/2012	12/27/2042	Interest Hate Swaps			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE .	1		
57629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			4,149,392	4,350,000	12/27/2012	12/27/2042	Interest Rate Swaps			00162L-AW-7	ALM XVI LTD SR SECD DEF NT CL B	1	4,149,392	4,350,000
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	 		12,146,573	11,996,471	12/27/2012	12/27/2042	Interest Rate Swaps			04965C-AC-2	ATRIUM XII LLC-NOTE SERIES 12A CLASS B 144A	1	12, 146, 573	11,996,471
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		10,500,000	10,544,510		12/27/2042	Interest Rate Swaps			94949L-AA-8	WELLFLEET CLO LTD-WELF 2016-2A A1	1	10,500,000	10,544,510
57629*AE1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		10,000,000	10,010,600	12/27/2012	12/27/2042	Interest Rate Swaps			55953H-AL-7	MAGNETITE CLO LTD-SERIES 2015-12A	1	10,000,000	10,010,600
57629*AE1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds 1  Evergreen Basket of Long Fixed Rate	l		13,248,143	13,001,157	12/27/2012	12/27/2042	Interest Rate Swaps			12627U-AB-7	COA SUMMIT CLO LTD-SR SECD SER 2014-1A CL A2 COA SUMMIT CLO LTD WACHOVIA STUDENT LOAN TR-WSLT 2005-	1	13,248,143	13,001,157
57629*AD3	ABS Bank Loans and Corp Bonds 1	l	100.000.000	18, 124, 608	21.693.891	12/27/2012	12/27/2042	Interest Rate Swaps		3.591.560	92977H-AG-3	1 B WACHOVIA STUDENT LOAN TRUST	1	18, 124, 608	18.102.331

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

					Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement						
<u></u>		Replication (Syn	thetic Asset) Tra								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					_ 0.0	_ 0.0	2 deditipation		•		ATRIUM CDO CORP-SERIES 9A CLASS BR	2 33311111111	. 4140	. a vaido
57629*AD3	ABS Bank Loans and Corp Bonds 1	l		18,990,000	18,989,753	12/27/2012	12/27/2042	Interest Rate Swaps			04964K-AN-1	ATRIUM CDO CORP	1	18,990,000	18,989,753
57629*AD3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		18.810.000	18.813.179	12/27/2012	12/27/2042	Interest Rate Swaps			92912V-AQ-8	VOYA CLO LTD-VOYA 2014-2A A2AR VOYA CLO LTD	1	18.810.000	18,813,179
	Evergreen Basket of Long Fixed Rate			, ,										, ,	
57629*AD3	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,800,000	6,820,026	12/27/2012	12/27/2042	Interest Rate Swaps			48251B-AA-8	. KKR FINANCIAL CLO LTD-KKR 16 A1 DRYDEN XXVI SR LN FD SR SECD NT CL	1	6,800,000	6,820,026
57629*AD3	ABS Bank Loans and Corp Bonds 1	l		35,072,136	35,051,695	12/27/2012	12/27/2042	Interest Rate Swaps			26250U-AC-9	A	1	35,072,136	35,051,695
	Evergreen Basket of Long Fixed Rate											OCTAGON INV PARTNERS XVI LTD-SR			
57629*AD3	ABS Bank Loans and Corp Bonds 1			4,900,000	4,900,402	12/27/2012	12/27/2042	Interest Rate Swaps			67590B-AE-0	SECD NT CL C1	1	4,900,000	4,900,402
F7000+1F0	Evergreen Basket of Long Fixed Rate		400 000 000	45 045 000	40 700 540	40 (00 (0040	40 (00 (00 40			4,484,769	FF047U AD 0	MADISON PARK FDG IV LTD-NT CL A-1B	_	45 045 000	45 044 700
57629*AF8	ABS Bank Loans and Corp Bonds 1	l	100,000,000	15,215,338	19,726,549	12/28/2012	12/28/2042	Interest Rate Swaps		4,484,769	55817U-AB-6	1770	l	15,215,338	15,241,780
57629*AF8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	ı	ĺ	8.562.704		12/28/2012	12/28/2042	Interest Rate Swaps			26828C-AC-2	ECP CLO 2012-4 LTD-SR SECD NT CL A- 2 144A	1	8.562.704	8.506.078
J/ UZS"AFO	Evergreen Basket of Long Fixed Rate	·		0,002,704		12/20/2012	12/20/2042	interest nate swaps			20020U-AU-2	SYMPHONY CLO V LTD-SR SECD NT CL A-	1		, 000,078
57629*AF8	ABS Bank Loans and Corp Bonds	l	ĺ	9.191.002	9.158.976	12/28/2012	12/28/2042	Interest Rate Swaps			87155M-AC-5	2 144A	1	9, 191, 002	9, 158, 976
07020 78 0	Evergreen Basket of Long Fixed Rate	·				12/20/2012	12/20/2042	Interest nate snaps			07 100m 110 0	MADISON PARK FUNDING LTD-SERIES	'		
57629*AF8	. ABS Bank Loans and Corp Bonds 1	l	L	7,000,000	7,015,288	12/28/2012	12/28/2042	Interest Rate Swaps			55818X-BA-0	2015–16A CLASS BR	1	7,000,000	7,015,288
	Evergreen Basket of Long Fixed Rate				,							WIND RIVER CLO LTD-WINDR 2017-1A B		,,	, , , , , , , , , , , , , , , , , , , ,
57629*AF8	ABS Bank Loans and Corp Bonds 1	١		11,050,000	11,069,260	12/28/2012	12/28/2042	Interest Rate Swaps			88432M-AC-8		1	11,050,000	11,069,260
	Evergreen Basket of Long Fixed Rate											WELLFLEET CLO 2015-1 LTD-SR SECD NT			
57629*AF8	. ABS Bank Loans and Corp Bonds 1	l	ļ	50,000,000	50,458,400	12/28/2012	12/28/2042	Interest Rate Swaps			949496-AC-7	CL A-1 144A	1	50,000,000	50,458,400
	Evergreen Basket of Long Fixed Rate										L	OHA LN FDG 2013-2 LTD-SR SECD NT CL		[	
57629*AH4	ABS Bank Loans and Corp Bonds 1	l	100,000,000	34,669,720	38,388,498	12/28/2012	12/28/2042	Interest Rate Swaps		4,484,769	67104L-AA-5 _	. A	1	34,669,720	33,903,729
E7000+4114	Evergreen Basket of Long Fixed Rate		ĺ	0 450 000	0 150 555	40 (00 (00 10	40 (00 (00 10				004070 10 1	GOLDENTREE LOAN OPP VII LTD-SR SEC	_	0 450 655	0 150
57629*AH4	ABS Bank Loans and Corp Bonds 1	l	}	9, 150, 000		12/28/2012	12/28/2042	Interest Rate Swaps			38137D-AC-1	NT CL B-1	1		9, 150, 888
57629*AH4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	ı	ĺ	16.376.188	16.201.442	12/28/2012	12/28/2042	Interest Rate Swaps			46617E-AC-1	JFIN CLO 2014 LTD-SR SECD NOTE CLASS B-1 JFIN CLO LTD	1	16.376.188	16,201,442
3/028"AN4	Evergreen Basket of Long Fixed Rate			10,370,188	10,201,442	12/20/2012	12/20/2042	interest nate swaps			4001/E-AU-1	1828 CLO LTD-SR SECO NT CL A-1-S	1		10,201,442
57629*AH4	. ABS Bank Loans and Corp Bonds 1	ı	ĺ	16,040,000	16, 177, 014	12/28/2012	12/28/2042	Interest Rate Swaps			282523-AB-5	. 144A GUGGENHEIM 1828 CLO LLC	1	16,040,000	16, 177, 014
OT VED THE	Duin Louis and our p bonds		İ	10,040,000	10, 177,014	12/20/2012	12/20/2072	Interest nate snaps			202020 ND-0	MADISON PARK FUNDING LTD-SERIES 15-	1		
	Evergreen Basket of Long Fixed Rate		ĺ								1	17A CLASS B1R MADISON PARK FUNDING			
57629*AH4	ABS Bank Loans and Corp Bonds 1	l <u></u>		12,700,000	12,699,632	12/28/2012	12/28/2042	Interest Rate Swaps			55818Y-BE-0 _	LTD	1	12,700,000	12,699,632
	Evergreen Basket of Long Fixed Rate		1	1 1								TRYON PARK CLO LTD-SR SECD NT CL A-			
57629*AH4	. ABS Bank Loans and Corp Bonds 1	l		17,900,000	17,833,985	12/28/2012	12/28/2042	Interest Rate Swaps			89852T-AC-2	2 144A	1	17,900,000	17,833,985
	Evergreen Basket of Long Fixed Rate			1							1	GOLDENTREE LOAN OPP VII LTD-SR SEC			
57629*AG6	ABS Bank Loans and Corp Bonds 1	l	100,000,000	5,400,000	9,886,114	12/28/2012	12/28/2042	Interest Rate Swaps		4,484,769	38137D-AG-2	NT CL C-1	1	5,400,000	5,401,345
F7000#400	Evergreen Basket of Long Fixed Rate		ĺ	40 400 000	40 400	40 (00 (00 10	40 (00 (00 10				000000/ 10 5	BLUEMOUNTAIN CLO 2013-2 LTD-SR SEC	],	40 400 555	40 400
57629*AG6	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	<b></b>	10,100,000	10, 100, 414	12/28/2012	12/28/2042	Interest Rate Swaps			09626Y-AC-4	NOTE CL B1PALMER SQUARE CLO LTD-SERIES 2014-	I	10,100,000	10, 100, 414
57629*AG6	ABS Bank Loans and Corp Bonds	ı	ĺ	10,600,000	10 614 110	12/28/2012	12/28/2042	Interest Rate Swaps			69688X-AL-5	PALMER SQUARE CLU LID-SERIES 2014- 14 CLASS A2R PALMER SQUARE CLO LTD .	1	10,600,000	10,614,119
3/029"AUU	. INDO DATIK LUATIS ATIU CUTP DUTIUS	·	·	10,000,000	10,014,119	12/20/2012	12/20/2042	interest nate swaps			0-0000V-ML-0	BLUEMOUNTAIN CLO 2014-2 LTD SR SECD	¹		10,014,118
	Evergreen Basket of Long Fixed Rate		ĺ									DEF NT CL C BlueMountain CLO 2014-2			
57629*AG6	ABS Bank Loans and Corp Bonds 1	l	L	9,270,509	.9. 151 . 418	12/28/2012	12/28/2042	Interest Rate Swaps			09626Q-AE-7	Ltd.	1	.9,270,509	9, 151, 418
	Evergreen Basket of Long Fixed Rate					.2, 20, 20 12		and the state of t				WELLFLEET CLO LTD-WELF 2016-2A A2			
57629*AG6	ABS Bank Loans and Corp Bonds 1	l <u></u>	<u></u>	6,875,000	6,923,455	12/28/2012	12/28/2042	Interest Rate Swaps	[		94949L-AC-4		1	6,875,000	6,923,455
	Evergreen Basket of Long Fixed Rate			, , ,								LCM XIV LTD PARTNERSHIP-DEF MEZZ NT			
57629*AG6	. ABS Bank Loans and Corp Bonds 1	l		5,057,555	5,003,500	12/28/2012	12/28/2042	Interest Rate Swaps			50184V-AG-9	CL C	1	5,057,555	5,003,500
	Evergreen Basket of Long Fixed Rate		ĺ					1				JFIN CLO 2014-II LTD SR SECD DEF NT			
57629*AG6	ABS Bank Loans and Corp Bonds 1	l	ļ	4,975,214	5,000,055	12/28/2012	12/28/2042	Interest Rate Swaps			46617N-AE-7 _	CL B-1	1	4,975,214	5,000,055
	Evergreen Basket of Long Fixed Rate		ĺ					1			l	ALM VI LTD-SR SECURED NOTE CLASS			
57629*AG6	. ABS Bank Loans and Corp Bonds 1	l		14,240,158	14,241,911	12/28/2012	12/28/2042	Interest Rate Swaps			00163E-AM-4 .	A2R	1	14,240,158	14,241,911
E7000+100	Evergreen Basket of Long Fixed Rate		ĺ	0.005.000	0.040.470	10/00/0010	10 /00 /0040	Latanast Bata Cons			50189G-AC-6	LCM LTD PARTNERSHIP-SERIES 22A	4	0.005.000	0.040.470
57629*AG6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	ł	6,825,000		12/28/2012	12/28/2042	Interest Rate Swaps			DU 1890-AU-6	CLASS A2BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A	l	6,825,000	6,842,472
57629*AG6	ABS Bank Loans and Corp Bonds 1	ı	ĺ	4,250,000	A 071 070	12/28/2012	12/28/2042	Interest Rate Swaps			09626U-AQ-1	RR	1	4,250,000	4,271,879
3/029"AUU	Evergreen Basket of Long Fixed Rate	·		4,200,000	4,2/1,8/9	12/20/2012	12/20/2042	interest nate swaps			030200-AQ-1	DRYDEN SENIOR LOAN FUND-SERIES	1	4,200,000	4,2/1,8/8
57629*AG6	ABS Bank Loans and Corp Bonds 1	l	ĺ	6.350.000	6,410,300	12/28/2012	12/28/2042	Interest Rate Swaps			26249K-AM-3	2014–36A CLASS CR	1	6,350,000	6,410,300
0.020 /100	Evergreen Basket of Long Fixed Rate	·	İ			.2/ 20/ 20 12					LOL-TOIL AMI U	SLM STUDENT LOAN TRUST-SERIES 2013-	'		
57629*AG6	. ABS Bank Loans and Corp Bonds 1	l	L	12,717,030	12.689.436	12/28/2012	12/28/2042	Interest Rate Swaps			78447M-AD-0	1 CLASS B	1	12,717,030	12,689,436
	Evergreen Basket of Long Fixed Rate			2,,000	,, 100						1	CARLYLE GLOBAL MARKET ST-SERIES		.2,,500	, , , , , , , , , , , , , , , , , , , ,
57629*AG6	ABS Bank Loans and Corp Bonds 1	1	I	8.000.000	7 999 840	12/28/2012	12/28/2042	Interest Rate Swaps	I		14310V-AN-7	2014–2A CLASS CR	l <sub>1</sub>	8.000.000	7.999.840

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

		Replication (Synt	batic Accet) Tra	naastiana	Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	ırrent Statement		of the Dool	ication (Synthetic Asset) Trans	a ations		
1	2	Replication (Synt	netic Asset) Tra	nsactions 5	6	7	8	Dorivativo Ir	nstrument(s) Open		or the Repl		instrument(s) Held		
'	2	3	4	5	b	,	0	9	10	11	10	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	Book/Adjusted Carrying Value	Fair Value	12 CUSIP	Description	NAIC Designation or Other Description	15 Book/Adjusted Carrying Value	Fair Value
57629*AJ0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		50.000.000	13.560.000	15.802.317	12/28/2012	12/28/2042	Interest Rate Swaps		2.242.385	09627D-AQ-8	BLUEMOUNTAIN CLO LTD-BLUEM 2013-4A	4	13.560.000	13.559.932
5/629^AJU	Evergreen Basket of Long Fixed Rate			13,360,000		12/28/2012	12/28/2042	Interest Hate Swaps		2,242,383	09027D-AQ-8	BLUEMOUNTAIN CLO 2013-3 LTD SR SECD	I	13,360,000	
57629*AJ0	ABS Bank Loans and Corp Bonds 1			20,006,325	19,755,293	12/28/2012	12/28/2042	Interest Rate Swaps			09625J-AA-2	NT CL A	1	20,006,325	19,755,293
	Evergreen Basket of Long Fixed Rate											MARINE PARK CLO LTD-SR SECD DEF NT			
57629*AJ0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,576,857	9,589,293	12/28/2012	12/28/2042	Interest Rate Swaps			568416-BD-2	. CL B-R 144A DRYDEN SENIOR LOAN FUND-SERIES	1	9,576,857	9,589,293
57629*AJ0	ABS Bank Loans and Corp Bonds 1			7,500,000	7,573,380	12/28/2012	12/28/2042	Interest Rate Swaps			26245C-AE-3	2016–43A CLASS B	1	7,500,000	7,573,380
	Evergreen Basket of Long Fixed Rate							·				CENT CDO 14 LTD-SR TERM NT SER			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	7,392,666	9,889,886	12/28/2012	12/28/2042	Interest Rate Swaps		2,242,385	15135D-AC-1	. 2007-14A CL BAPIDOS CLO XX1-SR SECURED NOTE CL	1	7,392,666	7,647,501
57629*AK7	ABS Bank Loans and Corp Bonds 1			12,000,000	12.053.916	12/28/2012	12/28/2042	Interest Rate Swaps			03765P-AC-7	A-12	1	12,000,000	12,053,916
	Evergreen Basket of Long Fixed Rate							·				GOLDENTREE LOAN OPP X LTD-SR SEC NT			
57629*AK7	ABS Bank Loans and Corp Bonds 1			11,725,000	11,777,692	12/28/2012	12/28/2042	Interest Rate Swaps			38137P-AE-0	. CL B	1	11,725,000	11,777,692
	Evergreen Basket of Long Fixed Rate											CLASS A2R KKR Financial CLO 2013-1			
57629*AK7	ABS Bank Loans and Corp Bonds 1			13,570,000	13,569,919	12/28/2012	12/28/2042	Interest Rate Swaps			48249V-AQ-4	Ltd	1	13,570,000	13,569,919
	Evergreen Basket of Long Fixed Rate											DRYDEN XXIV SR LN FD-SR SEC NT CL			
57629*AK7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,195,000	11,209,979	12/28/2012	12/28/2042	Interest Rate Swaps			26250D-AS-2	CARLYLE GLOBAL MKT CLO 2013-2 MEZZ	1	11,195,000	11,209,979
57629*AL5	ABS Bank Loans and Corp Bonds 1		50,000,000	12,265,633	14,073,666	12/28/2012	12/28/2042	Interest Rate Swaps		2,242,385	14310D-AG-2	SEC DEF NT CL C	1	12,265,633	11,831,281
	Evergreen Basket of Long Fixed Rate							·				SLM STUDENT LOAN TRUST-SERIES 2005-			
57629*AL5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,888,748	12, 129, 967	12/28/2012	12/28/2042	Interest Rate Swaps			78442G-PL-4	. 4 CLASS B	1	11,888,748	12, 129, 967
57629*AL5	ABS Bank Loans and Corp Bonds 1			8,920,000	8.932.961	12/28/2012	12/28/2042	Interest Rate Swaps			10302V-BC-8	B1R	1	8,920,000	8,932,961
	Evergreen Basket of Long Fixed Rate							·				AVERY POINT V CLO LTD-SR SECD NT CL			
57629*AL5	ABS Bank Loans and Corp Bonds 1			17,368,883	17,401,027	12/28/2012	12/28/2042	Interest Rate Swaps			05363X-AC-1	A	1	17,368,883	17,401,027
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		50.000.000	13.523.011	15.645.547	12/28/2012	12/28/2042	Interest Rate Swaps		2,242,385	398080-AC-5	GREYWOLF CLO IV LTD SR SECD NT CL A-2 GREYWOLF CLO LTD	1	13,523,011	13,403,162
	Evergreen Basket of Long Fixed Rate							·		2,2,2,000		NZCG FUNDING LTD-SERIES 2015-2A			
57629*AM3	ABS Bank Loans and Corp Bonds 1			10,847,781	10,728,614	12/28/2012	12/28/2042	Interest Rate Swaps			62953G-AC-5	CLASS A2	1	10,847,781	10,728,614
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3.050.000	3.069.761	12/28/2012	12/28/2042	Interest Rate Swaps			00191Y-AP-9	ARES CLO LTD-SERIES 2015 1-A CLASS B2R	1	3,050,000	3,069,761
37023 AMO	Evergreen Basket of Long Fixed Rate					12/20/2012	12/20/2042	Titterest nate omaps	-			LCM LTD PARTNERSHIP-SERIES 13A	·		
57629*AM3	ABS Bank Loans and Corp Bonds 1			4,500,000	4,520,417	12/28/2012	12/28/2042	Interest Rate Swaps			50184K-AW-8	CLASS CR	1	4,500,000	4,520,417
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,000,000	5,014,345	12/28/2012	12/28/2042	Interest Rate Swaps			08181L-AA-5	BENEFIT STREET PARTNERS -BSP 2016- 10A A1	1	5,000,000	5,014,345
37029 AM3	Evergreen Basket of Long Fixed Rate					12/20/2012	12/20/2042	Tillerest hate swaps			00 10 IL-AA-3	HILDENE CLO IV LTD-SR SECD NT SER	·	3,000,000	
57629*AM3	ABS Bank Loans and Corp Bonds 1			10,000,000	10,002,640	12/28/2012	12/28/2042	Interest Rate Swaps			43132W-AC-4	. 2015-4A CL A-2	1	10,000,000	10,002,640
57629*AM3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			8.750.000	8.750.061	12/28/2012	12/28/2042	Interest Rate Swaps			05618L-AH-9	BABSON CLO LTD-BABSN 2014-IIA CR	1	8.750.000	8.750.061
31023 AMO	Evergreen Basket of Long Fixed Rate					12/20/2012	12/20/2042	ווונטוטטנ חמנד טוומףט	-		000 IOL-AII-9	BALLYROCK LTD-SERIES 16-1A CLASS B1	1		
57629*AM3	ABS Bank Loans and Corp Bonds 1			3,900,000	3,914,762	12/28/2012	12/28/2042	Interest Rate Swaps			05875F-AC-1		1	3,900,000	3,914,762
57629*AN1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		50.000.000	15.383.930	16.450.807	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	09625Y-AD-3	BLUEMOUNTAIN CLO 2012-1 LTD-SR SEC NOTE CL B	1	15,383,930	15.005.400
01023 ANT	Evergreen Basket of Long Fixed Rate				10,400,007	12/01/2012	12/01/2042	ווונטוסטנ חמנס טוומףצ	-	1,440,407	030231-ND-3	. NOTE OF D			10,000,400
57629*AN1	ABS Bank Loans and Corp Bonds 1			1,891,688	1,860,165	12/31/2012	12/31/2042	Interest Rate Swaps			04014J-AA-2	ARES XXVI CLO LTD SR NT CL A	1	1,891,688	1,860,165
57629*AN1	Evergreen Basket of Long Fixed Rate			9,475,000	9,547,730	12/31/2012	12/31/2042	Interest Rate Swaps			26249Q-AG-3	DRYDEN 38 SR LN FD SR SECD NT CL B	1	9,475,000	9,547,730
5/029°AN1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,4/5,000	9,547,730	12/31/2012	12/31/2042	interest hate swaps	-		20249U-AU-3	GREYWOLF CLO V LTD-SR SECD NT CL A-	1	9,4/5,000	9,547,730
57629*AN1	ABS Bank Loans and Corp Bonds 1					12/31/2012	12/31/2042	Interest Rate Swaps	.		39808P-AC-0	2 144A	1	8,721,455	
57629*AN1	Evergreen Basket of Long Fixed Rate			7.550.000	7.561.854	12/31/2012	12/31/2042	Interest Rate Swaps			74982L-AS-9	RACE POINT CLO LTD-SERIES 13-8A	1	7 550 000	7 504 054
5/029°AN1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate					12/31/2012	12/31/2042	interest hate swaps	-		1490ZL-AS-9	CLASS CR ECP CLO 2015-7 LTD SR SECD NT CL A-	1	7,550,000	7,561,854
57629*AN1	ABS Bank Loans and Corp Bonds 1					12/31/2012	12/31/2042	Interest Rate Swaps	.		26829C-AC-1	2 144A	1	8,625,000	8,626,432
57000±100	Evergreen Basket of Long Fixed Rate		50.000.000	40 500 000	45 005 000	40 (04 (0040	40 (04 (0040			4 445 407	000070 41 0	BLUEMOUNTAIN CLO LTD-BLUEM 2014-3A		40 500 000	40 550 010
57629*AP6	ABS Bank Loans and Corp Bonds 2 Evergreen Basket of Long Fixed Rate		50,000,000	13,560,000	15,005,326	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	09627R-AL-8	. A2AR BLUEMOUNTAIN CLO LTD OZLM FUNDING IV LTD-SR SECD NT CL B	1	13,560,000	13,559,919
57629*AP6	ABS Bank Loans and Corp Bonds 2			4,030,633	3,900,679	12/31/2012	12/31/2042	Interest Rate Swaps			67108F-AG-1	144A	1	4,030,633	3,900,679
	Evergreen Basket of Long Fixed Rate							·				TION OLD LTD TION			
57629*AP6	ABS Bank Loans and Corp Bonds 2 Evergreen Basket of Long Fixed Rate			15,000,000	15,000,195	12/31/2012	12/31/2042	Interest Rate Swaps	-		87247U-AU-7	TICP CLO LTD-TICP 2014-3A B1R	1	15,000,000	15,000,195
57629*AP6	ABS Bank Loans and Corp Bonds 2			12,800,000	12,800.307	12/31/2012	12/31/2042	Interest Rate Swaps	. [		36319G-AP-9	GALAXY CLO LTD-GALXY 2014-18A AR	1	12,800,000	12.800.307

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

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn			1 -						of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Oper				Instrument(s) Held	1 /-	4.5
		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*AP6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	2		9.600.000	9,610,608	12/31/2012	12/31/2042	Interest Rate Swaps			14308L-AS-2	CARLYLE GLOBAL MARKET ST-CGMS 2014- 3A A2R	1	9,600,000	9,610,608
	Evergreen Basket of Long Fixed Rate	<b>-</b>		,	,							CEDAR CREEK CLO LTD-SR SECD NT SER	'	,	, ,
57629*AP6	ABS Bank Loans and Corp Bonds	2		1,537,805	1,500,135	12/31/2012	12/31/2042	Interest Rate Swaps			15015P-AB-1	2013-1A CL B	1	1,537,805	1,500,135
57629*AP6	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds  Evergreen Basket of Long Fixed Rate	2		2,000,000	2,024,366	12/31/2012	12/31/2042	Interest Rate Swaps			941848-D0-9	WATERS CORPORATION	2	2,000,000	2,024,366
57629*AQ4	_ ABS Bank Loans and Corp Bonds	1	50,000,000	14,300,000	15,797,616	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	55820J-AC-4	2016-21A CLASS A2	1	14,300,000	14,352,209
57629*AQ4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		13,847,072	13,798,964	12/31/2012	12/31/2042	Interest Rate Swaps			948214-AC-5	. WEBSTER PK CLO SR SECD NT CL A-2	1	13,847,072	13,798,964
57629*AQ4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		6,757,292	6.607.709	12/31/2012	12/31/2042	Interest Rate Swaps			67104L-AC-1	OHA LN FDG 2013-2 LTD-MEZZ SECD DEF NT CL C	1	6,757,292	6,607,709
	Evergreen Basket of Long Fixed Rate				, ,			· ·				ALM LOAN FUNDING-SERIES 13-8A CLASS			
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,350,000	4,392,891	12/31/2012	12/31/2042	Interest Rate Swaps			020053-AS-3	A1RSYMPHONY CLO LTD-SERIES 14-15A	1	4,350,000	4,392,891
57629*AQ4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		2,700,000	2,700,019	12/31/2012	12/31/2042	Interest Rate Swaps			87154E-AN-0	CLASS CR	1	2,700,000	2,700,019
57629*AQ4	. ABS Bank Loans and Corp Bonds	1		8,659,133	8,758,168	12/31/2012	12/31/2042	Interest Rate Swaps			59983H-AB-5	B-1 144A	1		8,758,168
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	50,000,000	12,080,237	12,145,689	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	BCCOXF-V8-9	RESOURCE EUROPE CLO I BV-SR SECD REG NT CL A	1	12,080,237	10,700,282
57629*AR2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1	, ,	7.400.000	7,406,098	12/31/2012	12/31/2042	Interest Rate Swaps		, ,,	92916M-AC-5	VOYA CLO LTD-VOYA 2017-1A B	1		7,406,098
	Evergreen Basket of Long Fixed Rate			, ,	, , ,							GREYWOLF CLO III LTD-SR SECD NT CL	1		
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		8,821,516	9,099,342	12/31/2012	12/31/2042	Interest Rate Swaps			39808F-AC-2	A-2 144ADRYDEN SENIOR LOAN FUND-DRSLF 2016-	1		9,099,342
57629*AR2	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		4,500,000	4,519,278	12/31/2012	12/31/2042	Interest Rate Swaps			26244M-AC-6	45A B	1	4,500,000	4,519,278
57629*AR2	_ ABS Bank Loans and Corp Bonds	1			7, 186, 544	12/31/2012	12/31/2042	Interest Rate Swaps			09628Q-AC-9	NT CL B	1		7 , 186 , 544
57629*AR2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		3,700,000	3,700,585	12/31/2012	12/31/2042	Interest Rate Swaps			24823B-AC-4	DENALI CAPITAL CLO X LTD-SR SECD CL	1	3,700,000	3,700,585
57629*AR2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		8,025,000	8,079,578	12/31/2012	12/31/2042	Interest Rate Swaps			05618P-AJ-6	BABSON CLO LTD 2016-I SECD DEF MEZZ CL C	1		8,079,578
57629*AR2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12,740,000	12,778,768	12/31/2012	12/31/2042	Interest Rate Swaps			09626U-AN-8	BLUEMOUNTAIN CLO LTD-BLUEM 2013-1A A2R BLUEMOUNTAIN CLO LTD	  1		12,778,768
F70004100	Evergreen Basket of Long Fixed Rate		50,000,000	0.054.050	40 544 010	40 (04 (0040		· ·		4 445 407	40040/ 45 4	JFIN CLO 2013 LTD SR SECD DEF NT CL			
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	50,000,000	9,251,953	10,544,916	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	46616K-AE-4	D	1	9,251,953	9,099,509
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		11,683,421	11,302,497	12/31/2012	12/31/2042	Interest Rate Swaps			03764D-AD-3	APIDOS CLO XII MEZZ DEF NT CL C LCM XV LTD PARTNERSHIP-SR SECD NT	1	11,683,421	11,302,497
57629*AS0	ABS Bank Loans and Corp Bonds	1		14,868,658	14,501,958	12/31/2012	12/31/2042	Interest Rate Swaps			50184V-AE-4	SER 15A CL C LCM LTD PARTNERSHIP	1	14,868,658	14,501,958
57629*AS0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		10,000,000	10.029.390	12/31/2012	12/31/2042	Interest Rate Swaps			50188Q-AE-1	LCM XIX LTD PARTNERSHIP DEF MEZZ NT CL C	1	10,000,000	10,029,390
	Evergreen Basket of Long Fixed Rate	4		, ,				· ·				GOLDENTREE LOAN OPPORTUN-GOLD9			
57629*AS0	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		10,675,000	10,677,466	12/31/2012	12/31/2042	Interest Rate Swaps			38137Q-AC-2	2014-9A B1R CENT CLO 18 LP-DEF NT SER 2013-18A	1	10,675,000	10,677,466
57629*AT8	ABS Bank Loans and Corp Bonds	1	50,000,000	5,077,925	6,345,510	12/31/2012	12/31/2042	Interest Rate Swaps		1,445,407	15136R-AJ-4	CL C-1 144A	1	5,077,925	4,900,103
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12,325,000	12,325,715	12/31/2012	12/31/2042	Interest Rate Swaps			38137L-AQ-2	2014-8A CLASS B1R	1	12,325,000	12,325,715
57629*AT8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		5,900,000	5,904,797	12/31/2012	12/31/2042	Interest Rate Swaps			48251F-AB-7	KKR FINANCIAL CLO LTD-SERIES 17 CLASS B	1	5,900,000	5,904,797
57629*AT8	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		5.850.000		12/31/2012	12/31/2042	Interest Rate Swaps			55818M-A0-0	MADISON PARK FUNDING LTD-MDPK 2014- 13A BR1	1	5.850.000	5,850,070
	Evergreen Basket of Long Fixed Rate	4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,							GREYWOLF CLO V LTD SR SECD NT CL A-		, ,	
57629*AT8	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		21,750,000		12/31/2012	12/31/2042	Interest Rate Swaps	}		39808P-AA-4		1	21,750,000	21,755,590
57629*AW1	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	55,000,000	28, 171, 132	30,513,295	04/09/2013	04/09/2043	Interest Rate Swaps		2,811,605	04014J-AA-2	ARES XXVI CLO LTD SR NT CL A GT LOAN FINANCING LTD-SERIES 2013-	1	28, 171, 132	27,701,690
57629*AW1	ABS Bank Loans and Corp Bonds	1		4,815,468	4,809,598	04/09/2013	04/09/2043	Interest Rate Swaps			36248M-AB-3	1A CLASS B	1	4,815,468	4,809,598
57629*AW1	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12,595,430	12,478,169	04/09/2013	04/09/2043	Interest Rate Swaps			14954W-AC-0	CAVALRY CLO III LTD-SR SEC NT CL B	1	12,595,430	12,478,169
57629*AW1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		4.330.000	V 330 0V0	04/09/2013	04/09/2043	Interest Rate Swaps			64130H-AE-1	NEUBERGER BERMAN CLO LTD-NEUB 2017- 24A C	1	4.330.000	4.329.848
01023 All I	בבבבי שוות בימווס מווע טעוף שעוועל בבבבי	1		4,000,000	4,023,040	UT/ UJ/ ZU IU	UT/ UJ/ 2U4U	IIII DI DOL HALE OWAPS			UTIOUITALTI	4TA V			L4, ULT, 040

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

Company   Comp						Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
Marchest				thetic Asset) Tra								of the Repl				
No.   Procession	1	2	3	4	5	6	7	8		_						
Married   Description   Other   Abstract   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Description   Currying   Fair Vision   Currying   Fair Vision   Description   Currying   Fair Vision			NAIC						9	10	11	12	13		15	16
Name				Notional			Effective	Maturity								
Part	Number	Description	Description	Amount		Fair Value	Date		Description		Fair Value	CUSIP	Description			Fair Value
Section   Sect			•										NEUBERGER BERMAN CLO LTD-NEUB 2013-			
10   10   10   10   10   10   10   10	57629*AW1		l		13,560,000	13,559,905	04/09/2013	04/09/2043	Interest Rate Swaps			64129J-AQ-3	<b>y</b>	1	13,560,000	13,559,905
Process   Proc																
1	57629*AV3			60,000,000	22,400,000	25,469,512	04/09/2013	04/09/2043	Interest Rate Swaps		3,067,205	04941G-AC-2		1	22,400,000	22,402,307
State   Stat	57629*AV3	ABS Bank Loans and Corp Bonds 1	·		9, 150,000	9, 150,888	04/09/2013	04/09/2043	Interest Rate Swaps			38137D-AC-1	NT CL B-1	1	9, 150,000	9, 150,888
Description   Control of the State   Contro	57629*AV3				3.776.789	3,651,157	04/09/2013	04/09/2043	Interest Rate Swaps			09625Y-AG-6		1	3.776.789	3,651,157
Comparison   Com									·							
State   Stat	57629*AV3				10,000,000	10,023,940	04/09/2013	04/09/2043	Interest Rate Swaps			14310M-AS-6		1	10,000,000	10,023,940
Surgery and Basted of Long Fields   Field	57629*AV3				12,750,000	12,817,142	04/09/2013	04/09/2043	Interest Rate Swaps			27830B-AQ-7	CLAS A2R	1	12,750,000	12,817,142
50000000   500000000   500000000   500000000		Evergreen Basket of Long Fixed Bate														
Second   S	57629*AV3	ABS Bank Loans and Corp Bonds 1			12,800,000	12,834,637	04/09/2013	04/09/2043	Interest Rate Swaps			67102Q-AK-4	PARTNERS LTD	1	12,800,000	12,834,637
Section   Sect	57629*AX9	ABS Bank Loans and Corp Bonds 1		55,000,000	7,889,786	10,460,522	04/09/2013	04/09/2043	Interest Rate Swaps		2,655,062	50184V-AG-9	CL C	1	7,889,786	7,805,460
Company   Comp	57000±1V0				40 500 000	40 500 000	0.4 (0.0 (0.0.4.0	04 (00 (00 40				504000 15 0		_	40 500 000	40 500 000
September   Sept	5/629*AX9				12,500,000	12,503,300	04/09/2013	04/09/2043	Interest Hate Swaps			50188G-AE-3 _		1	12,500,000	12,503,300
Section   Sect	57629*AX9				3, 135, 290	3,028,888	04/09/2013	04/09/2043	Interest Rate Swaps			67104L-AB-3	B	1	3, 135, 290	3,028,888
Everymen Basist of Long Fixed Rate   10,075,000   3,774,96   4,040,000   3,060,310   4,040,000   3,0																
Separation   Sep	57629*AX9				9,033,184	9,227,502	04/09/2013	04/09/2043	Interest Rate Swaps			78442G-QA-7		1	9,033,184	9,227,502
Entry generalizated   Clarge Fried Patts   1,000,000   13,000,313   04/09/2013	57629*AX9				10.775.000	10.774.849	04/09/2013	04/09/2043	Interest Rate Swaps			74982L-AQ-3		1	10.775.000	10,774,849
Everyone Basket of Lung Fixed Bits   55,000,000   20,815,000   20,81		Evergreen Basket of Long Fixed Rate			, , ,	, ,								'		
Separation   Sep	57629*AX9				13,000,000	13,066,313	04/09/2013	04/09/2043	Interest Rate Swaps			26244Y-AC-0		1	13,000,000	13,066,313
Everygen Basket of Line Flace State   1   3,115.515   3,063.012   04/09/2013   04	57629*4V7			55 000 000	20 815 400	23 601 743	04/09/2013	04/09/2043	Interest Rate Swans		2 655 062	27829K-AF-7		1	20 815 400	20 946 681
Engroym Basket of Long Fland fate   S. Stephen Basket of					, .,						2,000,002		LCM XIV LTD PARTNERSHIP-SR NT SER	'		
Second Composition   Second	57629*AY7				3, 115, 515	3,063,012	04/09/2013	04/09/2043	Interest Rate Swaps			50184V-AC-8		1	3, 115, 515	3,063,012
Evergreen Basket of Long Fixed Rate   1,000 Fixed	5762Q*AV7				8 610 000	8 610 635	04/09/2013	04/09/2043	Interest Rate Swans			860444_40_2		1	8 610 000	8 610 635
Second   S	3/029 KIT						04/ 03/ 20 13	04/03/2043	Tillerest hate swaps			000444-AU-2	ECP CLO 2015-7 LTD SR SECD DEF NT		,0,010,000	
See Seek Learner and Corp Bronds   1	57629*AY7				8,652,905	8,573,146	04/09/2013	04/09/2043	Interest Rate Swaps			26829C-AJ-6	CL B-1	1	8,652,905	8,573,146
Evergreen Basket of Long Fixed Rate   SRB Sark Losers and Corp Bonds   7,000,000   7,024,98   04/09/2013   04/09/2013   04/09/2043   Interest Rate Suaps   501809-40-5   1   7,000,000   7,024,98   1   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000,000   7,000	E7C90*AV7				7 500 000	7 500 100	04/00/2012	04/00/2042	Interest Data Swans			ECOA1C DD C			7 500 000	7 500 100
5628*477	5/629^A1/						04/09/2013	04/09/2043	Interest Hate Swaps			3004 IO-DD-0				
A   A85   Bark Leans and Corp Bonds   1	57629*AY7	ABS Bank Loans and Corp Bonds 1			7,000,000	7,024,983	04/09/2013	04/09/2043	Interest Rate Swaps			50188Q-AC-5		1	7,000,000	7,024,983
Evergreen Basket of Long Fixed Rate   Segregation   Segr	F7000+1V7				4 005 000	4 000 074	04 (00 (0040	04 (00 (0040				004701 4D 0	TREMAN PK CLO LTD SR SECD NT CL B-1		4 005 000	4 000 074
SF829*AUS   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   Sapps   S729*AUS   ABS Bank Loans and Corp Bonds   South Fixed Rate   Sapps   South Fixed Rate   Sapps   S729*AUS   Sapps	5/629^AY/		·	·	4,825,000	4,826,274	04/09/2013	04/09/2043	Interest Hate Swaps			894/3L-AB-U			4,825,000	4,826,274
Special   Spec	57629*AU5	ABS Bank Loans and Corp Bonds 1		55,000,000	28,726,600	31,367,499	04/09/2013	04/09/2043	Interest Rate Swaps		2,299,054	67110H-AA-6 .		1	28,726,600	29,068,445
Evergreen Basket of Long Fixed Rate 57628*AL5 ABS Bank Loans and Corp Bonds 1	57000±4115				45 000 000	44 000 000	04 (00 (0040	04 (00 (0040				004700 45 4			45 000 000	44 000 000
SF629*AU5   ABS Bank Loans and Corp Bonds   Levergreen Basket of Long Fixed Rate   Saps   Loans and Corp Bonds   Levergreen Basket of Long Fixed Rate   Levergreen Basket of	5/629*AU5		·	<u> </u>	15,000,000	14,999,280	04/09/2013	04/09/2043	Interest Hate Swaps			U81/9C-AE-1 _		1	15,000,000	14,999,280
Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   Evergreen Basket of Long Fixed Rate   S7629*B86   ABS Bank Loans and Corp Bonds   S7629*B86   S7629*B86   ABS Bank Loans and Corp Bonds   S7629*B86   S7629*B86   ABS Bank Loans and Corp Bonds   S7629*B86	57629*AU5				13,000,000	13,076,674	04/09/2013	04/09/2043	Interest Rate Swaps			50189C-AE-1	21A CL B-1	1	13,000,000	13,076,674
Evergreen Basket of Long Fixed Rate   1		Evergreen Basket of Long Fixed Rate							· ·				ATLAS SENIOR LOAN FUND L-SERIES			
S7629*B86   ABS Bank Loans and Corp Bonds   1   25,248,269   24,955,190   04/09/2013   04/09/2	57629*BA8			60,000,000	38,038,780	40,507,527	04/09/2013	04/09/2043	Interest Rate Swaps		2,508,059	04941G-AA-6		1	38,038,780	37,999,468
Evergreen Basket of Long Fixed Rate   1	57629*BA8		l	L	25.248.269	24.955.190	04/09/2013	04/09/2043	Interest Rate Swaps			14310G-AA-8		1	25.248.269	24,955,190
Evergreen Basket of Long Fixed Rate   1   1   1   1   1   1   1   1   1		Evergreen Basket of Long Fixed Rate		F0 000 555	, ,				· ·		0.000.0					
57629*BB6	5/629*BB6			50,000,000	40,000,000	42,099,948	04/09/2013	04/09/2043	Interest Hate Swaps		2,098,908	8/24/U-AS-2	THE CLU LID-HEP 2014-3A AR	1	40,000,000	40,001,040
S7629*BB6	57629*BB6	ABS Bank Loans and Corp Bonds 1			5, 100,000	5, 122, 919	04/09/2013	04/09/2043	Interest Rate Swaps			38137P-AE-0	GOLDENTREE LOAN OPP X LTD	1	5, 100,000	5, 122, 919
Evergreen Basket of Long Fixed Rate	57629*BB6			1	4 000 000	4 048 732	04/09/2013	04/09/2043	Interest Rate Swans			941848-00-9	WATERS CORPORATION	2	4 000 000	4,048,732
Evergreen Basket of Long Fixed Rate		Evergreen Basket of Long Fixed Rate							· ·					1		
	3/029"DB0			·		921,386	04/ 03/ 20 13	04/09/2043	initerest nate owaps			4303011-ND-0	KINGOLANU LIU	1	უის, 1/2	921,08b
	57629*BB6				874,758	902,308	04/09/2013	04/09/2043	Interest Rate Swaps			39808F-AC-2 _	GREYWOLF CLO   LTD	1	874,758	902,308

# SCHEDULE DB - PART C - SECTION 1

					Replication	on (Synthet	ic Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn			1 0		-	D : " I			of the Repl	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8		nstrument(s) Oper		10		Instrument(s) Held	45	1 40
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	•						·				•			
57629*BB6	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		695,939	671,294	04/09/2013	. 04/09/2043	Interest Rate Swaps			14310D-AG-2	CARLYLE GLOBAL MARKET STR	1	695,939	671,294
57629*BB6	ABS Bank Loans and Corp Bonds	1		500.000	500.041	04/09/2013	04/09/2043	Interest Rate Swaps			67590B-AE-0	OCTAGON INV PRARTNERS XV	1	500.000	500,041
	Evergreen Basket of Long Fixed Rate											CVP CASCADE CLO LTD-CVPC 2013-CL01			
57629*AZ4	ABS Bank Loans and Corp Bonds	1	50,000,000	60,500,000	62,600,360	04/09/2013	. 04/09/2043	Interest Rate Swaps		2,098,908	126612-AJ-9	A1RFletcher Building Intern Gtd Senior	1	60,500,000	60,501,452
92553PA*3	Viacom, Inc. Senior Note	2	20,000,000	23,699,181	25,558,039	12/20/2013	03/20/2019	5 Yr Credit Default Swap	199, 181	257,046	Q3915#-AB-2	Note	2	23,500,000	25,300,993
												HALCYON LN ADVISORS FDG 2014-1 LTD			
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	100,000,000	21.698.071	34 343 379	03/05/2014	03/05/2034	Interest Rate Swaps		13 042 207	40538C-AC-4	SR SECD NT CL A-1 HALCYON LOAN ADVISORS FUNDING	1	21,698,071	21,301,172
37020 BB2	ADO DAIR EDAIS AND COTP DOING	'	100,000,000	21,000,071		00/00/2014	. 00/03/2004	Interest hate owaps		10,042,207	400000 AU 4	MADISON PARK FUNDING LTD-SERIES 15-	'	21,030,071	21,001,172
570004000	Evergreen Basket of Long Fixed Rate			04 400 000	04 000 400	00 (05 (0044	00 (05 (000 4				550407 51 0	17A CLASS AR MADISON PARK FUNDING		04 400 000	04 000 400
57629*BD2	ABS Bank Loans and Corp Bonds	1		21, 100,000	21,099,409	03/05/2014	. 03/05/2034	Interest Rate Swaps			55818Y-BA-8	KKR FINANCIAL CLO LTD-SERIES 13-1A	1	21,100,000	21,099,409
	Evergreen Basket of Long Fixed Rate											CLASS A1R KKR Financial CLO 2013-1			
57629*BD2	ABS Bank Loans and Corp Bonds	1		21,015,000	21,014,895	03/05/2014	. 03/05/2034	Interest Rate Swaps			48249V-AN-1	Ltd	1	21,015,000	21,014,895
	Evergreen Basket of Long Fixed Rate											CRESTLINE DENALI CLO XV -SERIES 17- 1A CLASS A Crestline Denali CLO XV			
57629*BD2	ABS Bank Loans and Corp Bonds	1		20,800,000	20,806,760	03/05/2014	03/05/2034	Interest Rate Swaps			22616C-AA-1	Ltd	1	20,800,000	20,806,760
57629*BD2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			8.060.000	0 400 450	03/05/2014	03/05/2034	Interest Rate Swaps			74983D-AC-1	RACE POINT X CLO LTD SR SECD NT CL B-1 RACE POINT CLO LTD	4		
5/629°BD2	Evergreen Basket of Long Fixed Rate	I				03/05/2014	. 03/05/2034	Interest Hate Swaps			/4983D-AU-1	MADISON PARK FUNDING LTD-MDPK 2014-			
57629*BD2	ABS Bank Loans and Corp Bonds	1		12,200,000	12,207,466	03/05/2014	03/05/2034	Interest Rate Swaps			55818P-AS-9	12A CR	1	12,200,000	12,207,466
57629*BC4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1	100.000.000	20.019.855	22 211 200	03/05/2014	03/05/2034	Interest Rate Swaps		13.070.388	346845-AC-4	FORT BENNING FAM	1	20,019,855	20,241,000
3/029"004	Evergreen Basket of Long Fixed Rate	I	100,000,000	20,019,000	,30,311,300	03/03/2014	. 03/03/2034	Interest nate swaps			340043-AU-4	FOR DENNING FAM			20,241,000
57629*BC4	ABS Bank Loans and Corp Bonds	1		17,885,583	17,982,422	03/05/2014	. 03/05/2034	Interest Rate Swaps			247361-PP-9	DELTA AIR LINES INC DEL	1	17,885,583	17,982,422
57629*BC4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12.554.091	12 622 063	03/05/2014	03/05/2034	Interest Rate Swaps			247361-SS-7	DELTA AIR LINES INC DEL	1	12.554.091	12.622.063
	Evergreen Basket of Long Fixed Rate			,,	, ,									, , ,	, , .
57629*BC4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		10,913,977	10,973,052	03/05/2014	. 03/05/2034	Interest Rate Swaps			247361-MM-7	AUTODATA PUBLISHING GROUP	1	10,913,977	10,973,052
57629*BC4	ABS Bank Loans and Corp Bonds	1		10,458,083	10,514,690	03/05/2014	. 03/05/2034	Interest Rate Swaps			247361-KK-3	AUTODATA PUBLISHING GROUP	1		10,514,690
57629*BC4	Evergreen Basket of Long Fixed Rate			29.040.587	29.064.498	00 (05 (0044	00 (05 (0004				758750-A@-2	DECAL DELOIT CORPORATION	0	00 040 507	00 004 400
5/629^BC4	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1		29,040,587	29,064,498	03/05/2014	. 03/05/2034	Interest Rate Swaps			/58/5U-AU-2	REGAL-BELOIT CORPORATION	2	29,040,587	29,064,498
57629*BE0	ABS Bank Loans and Corp Bonds	1	150,000,000	157,046,102	171,341,742	05/19/2014	. 05/19/2044	Interest Rate Swaps		22,220,078	77277L-G0-1	VAR FDG NT	1	157,046,102	149, 121, 664
	Evergreen Basket of Long Fixed Rate											HIGHBRIDGE LOAN MANAGEME-HLM 9A- 2016 A2 HIGHBRIDGE LOAN MANAGEMENT			
57629*BE0	ABS Bank Loans and Corp Bonds	1		12,100,000	12, 168, 401	05/19/2014	05/19/2044	Interest Rate Swaps			40436Q-AC-6	LTD	1	12,100,000	12, 168, 401
												CARLYLE GLOBAL MKT CLO 2016-2 SR			
57629*BE0	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		12,070,000	12.125.365	05/19/2014	05/19/2044	Interest Rate Swaps			14312L-AC-1	SEC NT CL A2A CARLYLE GLOBAL MARKET STRATEGI	1	12,070,000	12, 125, 365
	Evergreen Basket of Long Fixed Rate			, ,								OHA CREDIT PARTNERS LTD-OAKC 2013-			
57629*BF7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	1	125,000,000	20,000,000	32,227,835	05/19/2014	05/19/2034	Interest Rate Swaps		12,227,875	67105V-AW-4	9A B1R OHA CREDIT PARTNERS LTD KINGSLAND VI LTD-SECD DEF MEZZ NT	1	20,000,000	19,999,960
57629*BF7	ABS Bank Loans and Corp Bonds	1		40,832,850	39,604,396	05/19/2014	. 05/19/2034	Interest Rate Swaps			49638W-AD-8	CL C 144A	1		39,604,396
57629*BF7	Evergreen Basket of Long Fixed Rate			20.000.000	10,000,000	05 (40 (0044	05 /40 /0004	Latanat Data Consu			872455-AS-9	TICP CLO LTD-TICP 2014-1A A2BR TICP CLO LTD		00,000,000	10,000,000
3/029°BF/	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		20,000,000	19,999,820	05/19/2014	05/19/2034	Interest Rate Swaps	}		012400-A5-9	SYMPHONY CLO LTD-SERIES 13-12A	1	20,000,000	19,999,820
57629*BF7	ABS Bank Loans and Corp Bonds	1		20,000,000	19,999,900	05/19/2014	. 05/19/2034	Interest Rate Swaps			13080B-AB-7	CLASS B1R SYMPHONY CLO LTD	1	20,000,000	19,999,900
57629*BF7	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	1		20.000.000	20 052 000	05/19/2014	05/19/2034	Interest Rate Swaps			00164K-AJ-6	ALM LOAN FUNDING-SERIES 14-14A CLASS A1R ALM LOAN FUNDING	1	20,000,000	20,052,000
31023 DI 1	·			20,000,000	20,002,000	00/ 10/ 20 14	_ 00/ 10/ 2004	ייינטיטטנ וומנט טוומףט	-		00 10m(-M0-0	OAK HILL CREDIT PARTNERS-SERIES	·	20,000,000	20,032,000
F7000+DF7	Evergreen Basket of Long Fixed Rate			0.000.000	0.000.111	05 (40 (0044	05 (40 (0004		1		074040 40 4	2013-8A CLASS C OHA Credit Partners		0.000.000	0.000.444
57629*BF7	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		9,000,000	9,000,414	05/19/2014	. 05/19/2034	Interest Rate Swaps			67104C-AC-1	VIII, Ltd HILDENE CLO LTD-SERIES 13-1A CLASS	I	9,000,000	9,000,414
57629*BG5	ABS Bank Loans and Corp Bonds	1	150,000,000	95,000,000	117,517,088	05/19/2014	. 05/19/2044	Interest Rate Swaps		22,517,183	43132R-AQ-4	AR HILDENE CLO LTD	1	95,000,000	94,999,905
57629*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		34.000.000	22 000 700	05/19/2014	05/19/2044	Interest Rate Swaps			03765D-AN-0	APIDOS CLO-APID 2014-18A A2AR APIDOS CLO	1	34,000,000	33,999,728
31023 000	Evergreen Basket of Long Fixed Rate	1			, აა, ააა, /28	00/ 10/ 40 14	. 00/ 10/ 2044	mitorest nate owaps			OULOOD-WIN-O	BIRCHWOOD PARK CLO LTD-BRCHW 2014-	1		
57629*BG5	ABS Bank Loans and Corp Bonds	1	L	11.350.000	11.351.532	05/19/2014	05/19/2044	Interest Rate Swaps	L	L	09073V-AS-3	1A B1R	1	11.350.000	11.351.532

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

Replication (Synthetic Asset) Transactions Open as of Current Statement Date

		Replication (Syn	thetic Asset) Tra	insactions	перисац	on (Synthetic	L ASSEL) IIA	nsactions Open as of Cu I	aneni Sialemeni		of the Renli	cation (Synthetic Asset) Transa	actions		
1	2	3	4	5	6	7	8	Derivative In	nstrument(s) Open		or the nepr		Instrument(s) Held		
'	_	O			J	,		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*BG5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7,583,843	7 676 212	05/19/2014	05/19/2044	Interest Rate Swaps			38021B-AG-5	GOAL CAPITAL FUNDING TRU-SERIES 2006-1 CLASS B	1	7,583,843	7,676,212
3/029 003	Evergreen Basket of Long Fixed Rate				, ,070,212	03/ 19/ 20 14	03/ 19/ 2044	Tillerest hate swaps			3002 ID-AG-3	HIGHER EDUCATION FUNDING-SERIES	·		
57629*BG5	ABS Bank Loans and Corp Bonds 1	l		4,091,315	4,367,166	05/19/2014	05/19/2044	Interest Rate Swaps			429827-AS-7	2004-1 CLASS B2	1	4,091,315	4, 367, 166
E70004DI I0	Evergreen Basket of Long Fixed Rate		450,000,000	45 000 000	07 550 704	05 (40 (0044	05 (40 (0044			00 400 050	004040 40 0	ALM LOAN FUNDING-SERIES 2013-7R2A		45 000 000	45 004 045
57629*BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	150,000,000	15,000,000	ا ۱۷, 865, الا	05/19/2014	05/19/2044	Interest Rate Swaps		22,463,856	00164B-AS-6	CLASS A2RBLUEMOUNTAIN CLO LTD-SERIES 2014-4A	I	15,000,000	15,094,845
57629*BH3	ABS Bank Loans and Corp Bonds 1	l <u></u>		15,000,000	15,011,925	05/19/2014	05/19/2044	Interest Rate Swaps			09627V-AS-4	CLASS B1R	1	15,000,000	15,011,925
	Evergreen Basket of Long Fixed Rate											GOLDENTREE LOAN OPPORTUN-GLD11			
57629*BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		15,000,000	15,001,650	05/19/2014	05/19/2044	Interest Rate Swaps			38137F-AE-2	2015-11A BR OHA LOAN FUNDING LTD-OHALF 2012-1A	1	15,000,000	15,001,650
57629*BH3	ABS Bank Loans and Corp Bonds			15.000.000	15.045.735	05/19/2014	05/19/2044	Interest Rate Swaps			67091H-AK-7	B1R	1	15,000,000	15,045,735
	Evergreen Basket of Long Fixed Rate			, ,							1	BLUEMOUNTAIN CLO LTD-SERIES 16-2A		,	
57629*BH3	ABS Bank Loans and Corp Bonds 1	l		14,600,000	14,694,185	05/19/2014	05/19/2044	Interest Rate Swaps			09628W-AC-6	CLASS A2	1	14,600,000	14,694,185
57629*BH3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			13,900,000	13 001 203	05/19/2014	05/19/2044	Interest Rate Swaps			92915P-AB-1	VOYA CLO LTD-INGIM 2014-1A A2AR	1	13,900,000	13,901,293
57025 BIO	Evergreen Basket of Long Fixed Rate	'		10,300,000	10,301,230	03/ 13/ 2014	00/ 10/ 2044	Titterest nate owaps			323131 AD 1	BLUEMOUNTAIN CLO LTD-BLUEM 2012-2A	'		10,301,230
57629*BH3	ABS Bank Loans and Corp Bonds 1	l		13,850,000	13,887,464	05/19/2014	05/19/2044	Interest Rate Swaps			09626R-AQ-8	BR	1		13,887,464
57629*BH3	Evergreen Basket of Long Fixed Rate			13.850.000	13.918.488	05/19/2014	05/19/2044	Interest Date Corre			11014P-AB-1	BRISTOL PARK CLO LTD-SERIES 2016-1A	4	13,850,000	13,918,488
3/629°BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,850,000		05/ 19/ 20 14	05/ 19/ 2044	Interest Rate Swaps			11014P-AB-1	CLASS BTHL CR WIND RIV 2016-1 CLO-SR SECD	I		13,918,488
57629*BH3	ABS Bank Loans and Corp Bonds 1	l		12,625,000	12,728,159	05/19/2014	05/19/2044	Interest Rate Swaps			88433A-AC-3	NT CL B 144A	1	12,625,000	12,728,159
	Evergreen Basket of Long Fixed Rate											BAIN CAPITAL CREDIT CLO -SERIES BCC			
57629*BH3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		12,150,000	12,204,906	05/19/2014	05/19/2044	Interest Rate Swaps			056828-AC-0	2016-2A CLASS B DRB PRIME STUDENT LOAN T-SERIES	1	12,150,000	12,204,906
57629*BH3	ABS Bank Loans and Corp Bonds 1			7.651.328	7 792 438	05/19/2014	05/19/2044	Interest Rate Swaps			23340L-AA-2	2015-B CLASS A1	2	7,651,328	7,792,438
	Evergreen Basket of Long Fixed Rate			, , ,								ATLAS SENIOR LOAN FUND L-ATCLO			
57629*BH3	ABS Bank Loans and Corp Bonds 1	l		11, 175,000	11, 190, 645	05/19/2014	05/19/2044	Interest Rate Swaps			04941M-AF-2	2014-1A BR	1	11, 175,000	11,190,645
57629*BJ9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		150.000.000	142 . 554 . 539	162 . 100 . 568	05/19/2014	05/19/2044	Interest Rate Swaps		22.098.188	49638W-AB-2	KINGSLAND VI LTD-SR SECD NT CL A1	1	142,554,539	140,002,380
3/029"009	Evergreen Basket of Long Fixed Rate	l		142,304,339	102, 100,300	03/ 19/ 20 14	05/ 19/ 2044	Interest hate swaps		22,090,100	4903011-AD-2	BABSON CLO LTD 2013-I-SR SECD NT CL	I		140,002,300
57629*BJ9	ABS Bank Loans and Corp Bonds 1	l		11,259,084	11,432,008	05/19/2014	05/19/2044	Interest Rate Swaps			05617W-AA-1	A 144A	1	11,259,084	11,432,008
57000+D//0	Evergreen Basket of Long Fixed Rate		450 000 000	445 507 004	405 000 404	05 (40 (0044	05 (40 (00 44			00 000 400	100001/ 11 0	KINGSLAND VII LTD-SR SECD NT CL A		445 507 004	440 705 000
57629*BK6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	150,000,000	145,507,204	165,833,494	05/19/2014	05/19/2044	Interest Rate Swaps		22,098,188	49638Y-AA-0	144ABABSON CLO LTD-SERIES 15-IA CLASS B	1	145,507,204	143,735,306
57629*BK6	ABS Bank Loans and Corp Bonds 1	l		15,387,549	15,388,918	05/19/2014	05/19/2044	Interest Rate Swaps			056162-AC-4	DADSON GEO ETD-SENTES 13-TA GEAGS D	1	15,387,549	15,388,918
	Evergreen Basket of Long Fixed Rate							·				SALEM FIELDS CLO LTD-SBF 2016-2A A2			
57629*BK6	ABS Bank Loans and Corp Bonds 1	l	<b>}</b>	9, 150,000	9, 185, 337	05/19/2014	05/19/2044	Interest Rate Swaps			79410U-AC-5	GT LOAN FINANCING LTD-SERIES 2013-	1		9, 185, 337
57629*BL4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		150.000.000	40.739.371	62 161 533	05/19/2014	05/19/2044	Interest Rate Swaps		22, 159, 133	36248M-AA-5	GI LOAN FINANCING LID-SERIES 2013- 1A CLASS A	1	40.739.371	40,002,400
	Evergreen Basket of Long Fixed Rate			,,								JFIN CLO 2014-II LTD-SR SECD NOTE		, , .	
57629*BL4	ABS Bank Loans and Corp Bonds 1	l	ļ	77,000,000	77,001,925	05/19/2014	05/19/2044	Interest Rate Swaps			46617N-AA-5	CLASS A-1 144A	1	77,000,000	77,001,925
57629*BL4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			32.514.407	31.966.464	05/19/2014	05/19/2044	Interest Rate Swaps			50184V-AC-8	LCM XIV LTD PARTNERSHIP-SR NT SER 14A CL A 144A	1	32.514.407	31.966.464
3/029°BL4	Evergreen Basket of Long Fixed Rate	· · · · · · · · · · · · · · · · · · ·			, 464 , 700 , 1 د	03/ 19/ 20 14	00/ 19/ 2044	interest hate swaps			JU 184V-AU-8	SYMPHONY CLO LTD-SYMP 2014-14A B1R	I	. / 14,407 ,کو	1,900,464 و1,900
57629*BL4	ABS Bank Loans and Corp Bonds 1	l		12,800,000	12,864,896	05/19/2014	05/19/2044	Interest Rate Swaps			87159Q-BG-2	SYMPHONY CLO LTD	1	12,800,000	12,864,896
57000+DUS	Evergreen Basket of Long Fixed Rate		45	,,		05 (40 (05 ) )	05 (40 (05 : :			o · · ·	05045% :	STEELE CREEK CLO LTD-STCR 2014-1A		,	
57629*BM2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	150,000,000	45,000,000	67, 176, 754	05/19/2014	05/19/2044	Interest Rate Swaps		22, 174, 369	85815X-AQ-6	A1R	1	45,000,000	45,002,385
57629*BM2	ABS Bank Loans and Corp Bonds 1	l	L	22,622,910	22.309.946	05/19/2014	05/19/2044	Interest Rate Swaps			92914R-AA-0	CLO LTD	1	22,622,910	22,309,946
	Evergreen Basket of Long Fixed Rate			, ,				·			-	GALAXY X1X CLO LTD-SENIOR NOTE CL			
57629*BM2	ABS Bank Loans and Corp Bonds 1	l	ļ	22,344,268	22,049,912	05/19/2014	05/19/2044	Interest Rate Swaps			36319Q-AA-0	A-1A GALAXY CLO LTD	1	22,344,268	22,049,912
57629*BM2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			21.550.000	21 554 500	05/19/2014	05/19/2044	Interest Rate Swaps			04964W-AQ-8	ATRIUM CDO CORP-ATRM 11A BR ATRIUM CDO CORP	1	21.550.000	21,554,590
	Evergreen Basket of Long Fixed Rate	٠	<u> </u>	1,000,000		50/ 10/ 20 14	00/ 10/ 2044	ייינטייטטנ וומנט טוומףט			מ־אַאר־װדטטדט	NEUBERGER BERMAN CLO LTD-NEUB 2017-	1	1,000,000 ء	
57629*BM2	ABS Bank Loans and Corp Bonds 1	l		13,560,000	13,559,973	05/19/2014	05/19/2044	Interest Rate Swaps			64130H-AA-9	24A A	1		13,559,973
57629*BM2	Evergreen Basket of Long Fixed Rate			13.600.000	13.599.864	0E (40 (0044	05/19/2044	Interest Rate Swaps			64130H-AC-5	NEUBERGER BERMAN CLO LTD-NEUB 2017- 24A B1	4	13.600.000	13.599.864
3/029^BMZ	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·	ł	13,600,000	13,599,864	05/19/2014	05/ 19/2044	Interest Hate Swaps			04 I3UM-AU-5	SENECA PARK CLO LTD-SPARK 2014-1A	I		13,599,864
57629*BM2	ABS Bank Loans and Corp Bonds 1	l		15,000,000	15,000,150	05/19/2014	05/19/2044	Interest Rate Swaps			817176-AN-0	B1R	1		15,000,150
	Evergreen Basket of Long Fixed Rate							·				AVERY POINT CLO LTD-SERIES 14-1A			
57629*BN0	ABS Bank Loans and Corp Bonds 1	l	135,000,000	151,000,000	171,381,870	05/19/2014	05/19/2044	Interest Rate Swaps		20,382,021	05363U-AS-2	CLASS AR	1	151,000,000	150,999,849

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

					Replicati	on (Synthetic	c Asset) Tra	nsactions Open as of Cu	urrent Statement						
		Replication (Syn					1			Components	of the Repli	cation (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		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
57629*BN0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7,200,000	7,204,990	05/19/2014	05/19/2044	Interest Rate Swaps			55952Y-AL-1	MAGNETITE CLO LTD-MAGNE 2014-8A CLASS CR	1	7,200,000	7,204,990
37023 BNO	Evergreen Basket of Long Fixed Rate					03/ 13/ 2014	00/ 10/ 2044	Interest hate oraps			3000E1 AL 1	ROCKALL CLO BV Variable Funding			
57629*BP5	_ ABS Bank Loans and Corp Bonds 1	l	85,000,000	75,757,568	74,379,215	05/09/2014	05/09/2034	Interest Rate Swaps		9,626,795	77277L-B8-9	Note - GBP	1	75,757,568	64,752,420
57000+005	Evergreen Basket of Long Fixed Rate			40.000.000	10 007 710	05 (00 (00 )	05 (00 (0004				550507 17 0	MAGNETITE CLO LTD-SERIES 14-8A		40,000,000	40 007 740
57629*BP5	_ ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,900,000	13,907,742	05/09/2014	05/09/2034	Interest Rate Swaps			55952Y-AK-3	CLASS BR	I	13,900,000	13,907,742
57629*BP5	ABS Bank Loans and Corp Bonds 1	l		13,570,000	13,569,403	05/09/2014	05/09/2034	Interest Rate Swaps			04016P-AC-2	Ares XLIII CLO Ltd	1	13,570,000	13,569,403
												CRESTLINE DENALI CLO XV -SERIES 17-			
57629*BP5	Evergreen Basket of Long Fixed Rate			13,570,000	10 501 407	05/09/2014	05/09/2034	Interest Rate Swaps			22616C-AC-7	1A CLASS B Crestline Denali CLO XV		13,570,000	13,581,467
3/629°BP3	_ ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,570,000	13,381,407	05/09/2014	05/09/2034	Interest Hate Swaps			220 IOU-AU-7	Ltd	I		13, 381, 407
57629*BQ3	ABS Bank Loans and Corp Bonds 1	l <u></u>	60,000,000	36,775,000	46,884,411	06/05/2014	06/05/2044	Interest Rate Swaps		10, 109, 595	43132V-AN-2	HILDENE CLO LTD-HLDN 2014-3A AR	1	36,775,000	36,774,816
	Evergreen Basket of Long Fixed Rate		1					l					_		
57629*BQ3	_ ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		35,000,000	36,317,610	06/05/2014	06/05/2044	Interest Rate Swaps			375916-B#-9	GILDAN ACTIVEWEAR, INC	3	35,000,000	36,317,610
57629*BR1	ABS Bank Loans and Corp Bonds 1		125.000.000	22.000.000	40.006.634	07/22/2014	07/22/2044	Interest Rate Swaps		17.896.568	455130-ZZ-0	STELLA EWL TERM LOAN	2	22,000,000	22,110,066
0.020 5		'	120,000,000			017 227 2011	017 227 2011	l l l l l l l l l l l l l l l l l l l			100100 22 0 11	Goldentree Loan Opportun-SERIES 16-			22, 110,000
	Evergreen Basket of Long Fixed Rate											12A CLASS A2 GOLDENTREE LOAN			
57629*BR1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		15,000,000	15,085,740	07/22/2014	07/22/2044	Interest Rate Swaps			38137M-AC-1	OPPORTUNITIES	1	15,000,000	15,085,740
57629*BR1	ABS Bank Loans and Corp Bonds 1			14.811.718	14.041.555	07/22/2014	07/22/2044	Interest Rate Swaps			G6776M-ZZ-9	COPPER MOUNTAIN SOLAR 3 LLC	2	14,811,718	14,041,555
	Evergreen Basket of Long Fixed Rate			, ,								BABSON CLO LTD-BABSN 2013-IIA A2R			
57629*BR1	ABS Bank Loans and Corp Bonds 1	l		14,400,000	14,400,158	07/22/2014	07/22/2044	Interest Rate Swaps			05617Y-AS-8	BABSON CLO LTD	1	14,400,000	14,400,158
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			14, 173, 363	14,002,338	07/22/2014	07/22/2044	Interest Rate Swaps			88390A-AF-7	THL CR WIND RIV 2014-2 CLO SR SECD NT CL B-1 WIND RIVER CLO LTD	1	14, 173, 363	14,002,338
3/629°BH1	Evergreen Basket of Long Fixed Rate	l		14, 1/3,303	14,002,338	0//22/2014	01/22/2044	Interest Hate Swaps			8839UA-AF-/	CAVALRY CLO IV LTD SR SECD NT CL B-	I		14,002,338
57629*BR1	ABS Bank Loans and Corp Bonds 1	l		14,247,689	13,979,193	07/22/2014	07/22/2044	Interest Rate Swaps			14955A-AC-7	1 CAVALRY CLO LTD	1	14,247,689	13,979,193
												CARLYLE GLOBAL MARKET ST-SERIES 17-			
57629*BR1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			34,806,345	24 000 605	07/22/2014	07/22/2044	Interest Rate Swaps			14315J-AL-3	2A CLASS A1B Carlyle US Clo 2017-2 Ltd	1	34,806,345	34,999,685
3/029"DN1	Evergreen Basket of Long Fixed Rate					0//22/2014	01/22/2044	Interest hate swaps			143 130-AL-3	ARES CLO LTD-SERIES 13-3A CLASS B1R	I		
57629*BT7	_ ABS Bank Loans and Corp Bonds 1	l	125,000,000	20,000,000	37,909,224	07/22/2014	07/22/2044	Interest Rate Swaps		17,909,324	00191L-AQ-5	ARES CLO LTD	1	20,000,000	19,999,900
57629*BT7	Evergreen Basket of Long Fixed Rate			11.400.000	44 000 007	07/00/0044	27 (20 (20 4				88432D-AS-3	WIND RIVER CLO LTD-SERIES 14-3A CLASS BR WIND RIVER CLO LTD		44 400 000	44 000 007
5/629^B1/	ABS Bank Loans and Corp Bonds 1	l		11,400,000	11,398,997	07/22/2014	07/22/2044	Interest Rate Swaps			88432D-AS-3	WIND RIVER CLO LTD-SERIES 17-2A	l	11,400,000	11,398,997
	Evergreen Basket of Long Fixed Rate											CLASS A THL Credit Wind River 2017-			
57629*BT7	ABS Bank Loans and Corp Bonds 1	l		19,590,000	19,589,589	07/22/2014	07/22/2044	Interest Rate Swaps			88433R-AC-6	2 Clo Ltd	1	19,590,000	19,589,589
57629*BT7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			19.500.000	10 400 415	07/22/2014	07/22/2044	Interest Rate Swaps			04016P-AA-6	ARES CLO LTD-ARES 2017-43A A Ares XLIII CLO Ltd	1	19,500,000	19,499,415
31023 D11	Evergreen Basket of Long Fixed Rate			19,300,000	13,433,413	01/22/2014	01/22/2044	mitorost nate owaps			0-010F-AA-0	CAVALRY CLO III LTD-SR SEC NT CL A	1		13,433,413
57629*BT7	. ABS Bank Loans and Corp Bonds 1	l	ļ	25,428,765	25,002,850	07/22/2014	07/22/2044	Interest Rate Swaps	.		14954W-AA-4		1	25,428,765	25,002,850
E7000+4V0	Evergreen Basket of Long Fixed Rate			7 750 000	7 000 007	04/00/0010	04 (00 (0040	Latarant Data Corre			000400 44 0	DDVDEN 30 CD IN ED CD CEC NT CL A	4	7 750 000	7 000 007
57629*AX9	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l				04/09/2013	04/09/2043	Interest Rate Swaps			26249B-AA-9	DRYDEN 30 SR LN FD-SR SEC NT CL A . OHA CREDIT PARTNERS LTD-SERIES	1	7,756,862	7,600,327
57629*AX9	ABS Bank Loans and Corp Bonds 1	l <u></u>		2,975,000	2,984,984	04/09/2013	04/09/2043	Interest Rate Swaps			67102Q-AP-3	2012-7A CLASS CR	1	2,975,000	2,984,984
	Evergreen Basket of Long Fixed Rate											TCI-CENT CLO 2016-1 LTDTCENT			
57629*AX9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		6,540,000	6,610,632	04/09/2013	04/09/2043	Interest Rate Swaps			87231L-AC-5	2016-1A A2 WELLFLEET CLO LTD-WELF 2017-1A A1	1	6,540,000	6,610,632
57629*AX9	ABS Bank Loans and Corp Bonds 1			9,250,000	9,256,244	04/09/2013	04/09/2043	Interest Rate Swaps			94950G-AA-5	WELLFLEET GLU LID-WELF ZUI/-IA AT	1	9,250,000	9,256,244
	Evergreen Basket of Long Fixed Rate								T			WIND RIVER CLO LTD-SERIES 16-2A			
57629*AX9	ABS Bank Loans and Corp Bonds 1	l		5,750,000	5,768,757	04/09/2013	04/09/2043	Interest Rate Swaps			88433B-AC-1	CLASS B	1	5,750,000	5,768,757
57629*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	17.000.000	34.909.494	07/22/2014	07/22/2044	Interest Rate Swaps		17.909.324	04014W-AL-9	ARES CLO LTD-ARES 2014-1A A2R	1	17.000.000	17.000.170
0/020 004	Evergreen Basket of Long Fixed Rate	·	123,000,000	17,000,000	, 404, 503, 494	01/22/2014	01/22/2044	mitorost nate owaps		11,303,324	070 1411-NL-9	OCTAGON INV PARTNERS XVI LTD-SR	1		17,000,170
57629*BU4	ABS Bank Loans and Corp Bonds 1	l		9,033,960	8,959,165	07/22/2014	07/22/2044	Interest Rate Swaps			67590B-AA-8	SECD NT CL A	1	9,033,960	8,959,165
E7000+DU4	Evergreen Basket of Long Fixed Rate		1	40 000 000	40 005 054	07/00/0044	07/00/0044	Latanast Data Co			400E0W 44 0	KKR CLO 14 LTD-SR SECO NT SER 14 CL	4	40,000,000	40 005 054
57629*BU4	ABS Bank Loans and Corp Bonds 1	·	ł	13,000,000	13,035,854	07/22/2014	07/22/2044	Interest Rate Swaps			48250W-AA-3	A-1A KKR FINANCIAL CLO LTD DENALI CAPITAL CLO X LTD-SR SECD	1	13,000,000	13,035,854
	Evergreen Basket of Long Fixed Rate		1									DEF NT CL A3L DENALI CAPITAL CLO X			
57629*BU4	ABS Bank Loans and Corp Bonds 1	l		8,515,879	8,302,864	07/22/2014	07/22/2044	Interest Rate Swaps			24823B-AE-0	LTD	1	8,515,879	8,302,864
E7C90*DU4	Evergreen Basket of Long Fixed Rate		1	10.320.932	10 001 000	07/22/2014	07/20/2044	Interest Data Cur			EE010V AO 0	MADISON PARK FDG XI LTD NT CL B-1.	1	40,000,000	10 001 000
57629*BU4	. ABS Bank Loans and Corp Bonds 1	l	L	10,320,932	10,001,920	07/22/2014	07/22/2044	Interest Rate Swaps			55818K-AG-6	MADIOUN PARK FUG XI LID NI CL B-1.	1		10,001,920

		Replication (Syn	thetic Asset) Tra	ensactions	перисац	on (Synthetic	ASSEL) ITA	nsactions Open as of Cu I	uneni Statemeni		of the Renli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative In	nstrument(s) Open		inc repli		Instrument(s) Held		
·	-	NAIC Designation or Other	Notional	Book/Adjusted Carrying	ŭ	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*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4,483,843	4,563,757	07/22/2014	07/22/2044	Interest Rate Swaps			03765L-AG-7	APIDOS CLO XX-MEZZ DEF NT CL C MADISON PARK FUNDING LTD-MDPK 2014-	2	4,483,843	4,563,757
57629*BU4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			17,000,000	17,000,544	07/22/2014	07/22/2044	Interest Rate Swaps			55818P-AN-0	12A B1R REGATTA VI FUNDING LTD-SER 2016-1A	1	17,000,000	17,000,544
57629*BU4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			8,295,123	8,260,599	07/22/2014	07/22/2044	Interest Rate Swaps			75887N-AC-3	CL A	1		8,260,599
57629*BU4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			6,900,000	6,900,124	07/22/2014	07/22/2044	Interest Rate Swaps	-		38136F-AL-7	1A CTHL CR WIND RIV 2013-1 CLO-SR SECD	1	6,900,000	6,900,124
57629*BU4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,546,163	1,500,134	07/22/2014	07/22/2044	Interest Rate Swaps			87244D-AC-8	NT CL A-2 144A	1		1,500,134
57629*BU4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			9,950,000	9,919,200	07/22/2014	07/22/2044	Interest Rate Swaps			011659-ZZ-5	ALASKA AIR GROUP INC	2	9,950,000	9,919,200
57629*BU4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			23,000,000	, , ,	07/22/2014	07/22/2044	Interest Rate Swaps			G7332#-AG-8	RRPF ENGINE LEASING LIMIT	2	23,000,000	21,214,671
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	125,000,000	25,026,240	42,490,332	07/22/2014	07/22/2044	Interest Rate Swaps		17,858,301	828428-AA-0	1 144A	1	25,026,240	24,632,031
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		24,703,296	24,406,856	07/22/2014	07/22/2044	Interest Rate Swaps			03764D-AB-7	APIDOS CLO XII SR SECD NT CL B-1 KINGSLAND LTD-SERIES 2013-6A CLASS	1	24,703,296	24,406,856
57629*BV2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		22,753,272	22,012,980	07/22/2014	07/22/2044	Interest Rate Swaps			49638W-AE-6	COHA LN FDG 2013-2 LTD-SR SECD NT CL	1	22,753,272	22,012,980
57629*BV2	. ABS Bank Loans and Corp Bonds 1			20,707,796	20,005,040	07/22/2014	07/22/2044	Interest Rate Swaps			67104L-AB-3	BDRYDEN SENIOR LOAN FUND-SERIES 14-	1	20,707,796	20,005,040
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		15,000,000	14,999,910	07/22/2014	07/22/2044	Interest Rate Swaps			26249E-AQ-8	31A CLASS BR DRYDEN SENIOR LOAN FUND	1	15,000,000	14,999,910
57629*BV2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	·		15,000,000	15,053,565	07/22/2014	07/22/2044	Interest Rate Swaps			46619T-AA-0	JFIN CLO 2016 LTD - Sr Secd Nt CIA- 1 JFIN CLO LTD	1	15,000,000	15,053,565
57629*BV2	Evergreen Basket of Long Fixed Rate			8.423.458	8,202,058	07/22/2014	07/22/2044	Interest Rate Swaps			09626Y-AE-0	BLUEMOUNTAIN CLO 2013-2 LTD SR SECD DEF NT CL C BlueMountain CLO 2013-2 Ltd.		8.423.458	
3/029°BV2	Evergreen Basket of Long Fixed Rate	·				07/22/2014	01/22/2044	Interest Hate Swaps			U90201-AE-U	NCF DEALER FLOORPLAN-SERIES 2014-1A CLASS A NCF DEALER FLOORPLAN MASTER	1		
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·	125,000,000	16,438,421	34,239,744	07/22/2014	07/22/2044	Interest Rate Swaps	-	17,871,057	62886X-AA-4	TRFLATIRON CLO LTD-FLAT 2017-1A A	1	16,438,421	16,368,687
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,300,000	16,299,315	07/22/2014	07/22/2044	Interest Rate Swaps			33882G-AA-6	FLATIRON CLO LTD	1	16,300,000	16,299,315
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,280,000	16,279,870	07/22/2014	07/22/2044	Interest Rate Swaps			150323-AQ-6	CLASS BR Cedar Funding IV CLO Ltd GOLDENTREE LOAN OPP VII LTD-SR SEC	1	16,280,000	16,279,870
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		23,501,755	23,224,861	07/22/2014	07/22/2044	Interest Rate Swaps			38137D-AA-5	NT CL AOZLM FUNDING IV LTD-SR SECD NT CL	1	23,501,755	23,224,861
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		22,816,603	22,385,686	07/22/2014	07/22/2044	Interest Rate Swaps			67108F-AA-4	A1 144A AVERY POINT II CLO LTD SR SECD NT	1	22,816,603	22,385,686
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			22,400,000	22,275,165	07/22/2014	07/22/2044	Interest Rate Swap			053635-AC-2	CL B-1 Riserva Clo Ltd-SERIES 2016-3A	1	22,400,000	22,275,165
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·		4,250,000	4,288,382	07/22/2014	07/22/2044	Interest Rate Swap			76761R-AE-9	CLASS C1 TCI-CENT CLO 2016-1 LTDTCENT	1	4,250,000	4,288,382
57629*BW0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	00 000 000	8,500,000		07/22/2014	07/22/2044	Interest Rate Swap		0 000 07	87231L-AA-9	2016-1A A1	1		
57629*BX8 57629*BX8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	·	30,000,000	15,000,000		08/18/2014	08/18/2044	Interest Rate Swap		3,922,247	88322U-AM-1 87154E-AJ-9	THACHER PARK CLO-THRPK 2014-1A BR . SYMPHONY CLO LTD-SERIES 14-15A CLASS B1R		15,000,000	15,000,195
57629*BX857629*BX8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		<u> </u>	9,400,000		08/18/2014	08/18/2044	Interest Rate Swap			87154E-AJ-9 87155F-AL-0	SYMPHONY CLO II LTD-SR NT CL A-3			9,400,094 13,252,719
57629*BZ3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds		50.000.000	10.500.000		08/27/2014	08/27/2044	Interest Rate Swap		6.169.618	67092R-AA-6	OCP CLO LTD-SERIES 16-12A CLASS A1	1		10,593,314
57629*BZ3	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds	·		9,659,552		08/27/2014	08/27/2044	Interest Rate Swap		, 103,010	46617Y-AB-9	JFIN CLO 2015 LTD SR SECD NT CL B-1	1	9,659,552	9,555,981
	Evergreen Basket of Long Fixed Rate					27.27.27.17						CARLYLE GLOBAL MARKET ST-CGMS 2017- 1A A2 CARLYLE GLOBAL MARKET			
57629*BZ3	. ABS Bank Loans and Corp Bonds 1			15,000,000	15,012,450	08/27/2014	08/27/2044	Interest Rate Swap			14314B-AC-1	STRATEGISTEELE CREEK CLO LTD-SERIES 15-1A	1	15,000,000	15,012,450
57629*BZ3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	l		8,560,000	8.559.872	08/27/2014	08/27/2044	Interest Rate Swap			85816B-CQ-1	CLASS BR Steele Creek CLO 2015-1 Ltd	1		8.559.872

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

		Replication (Syn	thetic Asset) Tra	nsactions	ricplicati	on (Oynthick	o rissorji i i a	nsactions Open as of C	arront Otatoment		of the Repl	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	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*BZ3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			9,050,000	9,051,548	08/27/2014	08/27/2044	Interest Rate Swap			92912V-AN-5	VOYA CLO LTD-VOYA 2014-2A A1R	1		9,051,548
	Evergreen Basket of Long Fixed Rate							·				CVP CASCADE CLO LTD-CVPC 2013-CL01			
57629*CA7	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	60,500,000	66,691,535	08/27/2014	08/27/2044	Interest Rate Swap		6,190,083	126612-AJ-9	A1RA1R AVERY POINT V CLO LTD SR SECD NT CL	1	60,500,000	60,501,452
57629*CB5	. ABS Bank Loans and Corp Bonds 1		50,000,000	18,650,000	24,792,221	08/27/2014	08/27/2044	Interest Rate Swap		6, 138, 920	05363X-AE-7	B	1	18,650,000	18,653,301
57629*CB5	Evergreen Basket of Long Fixed Rate			15.000.000	14 000 010	08/27/2014	08/27/2044	Interest Rate Swap			88432C-AS-5	WIND RIVER CLO LTD-WINDR 2014-1A B1R WIND RIVER CLO LTD	4	15,000,000	14,999,910
5/629^085	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,000,000	14,999,910	08/2//2014	08/2//2044	Interest Hate Swap			88432U-AS-5	BIR WIND RIVER GLO LID	·		14,999,910
57629*CB5	ABS Bank Loans and Corp Bonds 1			3,600,000	3,600,004	08/27/2014	08/27/2044	Interest Rate Swap			87154E-AQ-3	SYMPHONY CLO LTD-SYMP 2014-15A DR .	2	3,600,000	3,600,004
57629*CB5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			14.100.000	14.138.338	08/27/2014	08/27/2044	Interest Rate Swap			06759Y-AA-3	BARINGS CLO LTD-BABSN 2016-3A A1	1	14.100.000	14, 138, 338
	Evergreen Basket of Long Fixed Rate			, ,								BLUEMOUNTAIN CLO LTD-BLUEM 2014-1A		, ,	
57629*CC3	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		50,000,000	21,300,000	27,405,108	08/27/2014	08/27/2044	Interest Rate Swap		6, 103, 106	09627L-AN-7	B1R	1	21,300,000	21,302,002
57629*CC3	ABS Bank Loans and Corp Bonds 1			18,899,580	18,503,497	08/27/2014	08/27/2044	Interest Rate Swap			49638Y-AC-6	144A	1	18,899,580	18,503,497
57629*CC3	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			19.200.000	19, 199, 885	08/27/2014	08/27/2044	Interest Rate Swap			04941R-AL-8	ATLAS SENIOR LOAN FUND L-ATCLO 2014-6A BR	4	19,200,000	19, 199, 885
5/629*003	Evergreen Basket of Long Fixed Rate			19,200,000	19, 199, 860	08/2//2014	08/2//2044	interest Hate Swap			0494 IN-AL-8	BLUEMOUNTAIN CLO 2014-2 LTD-SR SEC	I	19,200,000	19, 199,880
57629*CD1	ABS Bank Loans and Corp Bonds 1		30,000,000	18,647,309	21,857,129	09/04/2014	09/04/2044	Interest Rate Swap	-	3,579,790	09626Q-AC-1	NOTE CL B1	1	18,647,309	18,277,339
57629*CD1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4.992.736	4 977 708	09/04/2014	09/04/2044	Interest Rate Swap			05617W-AC-7	BABSON CLO LTD 2013-I-SR SECD NT CL B 144A	1	4,992,736	4,977,708
0.020 001	·			1,002,100	,,,,,,,	00, 01, 2011	30, 01, 2011	Throngon nato onap				MADISON PARK FUNDING LTD-SERIES 14-		1,002,100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
57629*CD1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			13.570.000	13 560 005	09/04/2014	09/04/2044	Interest Rate Swap			55818R-AS-5	14A CLASS BR MADISON PARK FUNDING LTD	1	13,570,000	13,569,905
	Evergreen Basket of Long Fixed Rate			.,,,,,				·				TICP CLO LTD-TICP 2014-1A A1R TICP			
57629*CE9	ABS Bank Loans and Corp Bonds 1		150,000,000	110,000,000	128,383,296	09/08/2014	09/08/2044	Interest Rate Swap		18,379,116	872455-AN-0	CLO LTDAUST & NZ BANKING GROUP-	1	110,000,000	110,004,180
	Evergreen Basket of Long Fixed Rate											SUBORDINATED NOTE AUST & NZ BANKING			
57629*CE9	ABS Bank Loans and Corp Bonds 1		ļ	21,465,000	31,569,912	09/08/2014	09/08/2044	Interest Rate Swap			ZZ2066-36-8	GROUP	2	21,465,000	31,569,912
	Evergreen Basket of Long Fixed Rate											MADISON PARK FUNDING LTD-SERIES 14- 14A CLASS C1R MADISON PARK FUNDING			
57629*CE9	ABS Bank Loans and Corp Bonds 1			11,380,000	11,379,898	09/08/2014	09/08/2044	Interest Rate Swap			55818R-AT-3	LTD	1	11,380,000	11,379,898
57629*CE9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			9.000.000	9.001.287	09/08/2014	09/08/2044	Interest Rate Swap			053635-AG-3	AVERY POINT II CLO LTD-SR SECD DEF	1	9.000.000	9,001,287
	Evergreen Basket of Long Fixed Rate			, ,	,							GRIPPEN PARK CLO LTD-SERIES 17-1A		,	
57629*CF6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		30,000,000	14,000,000	18,763,811	09/17/2014	09/17/2044	Interest Rate Swap		4,764,819	39862E-AB-0	CLASS B	1	14,000,000	13,998,992
57629*CF6	. ABS Bank Loans and Corp Bonds 1			6,600,000	6,607,352	09/17/2014	09/17/2044	Interest Rate Swap			05618M-AY-0	BABSON CLO LTD-BABSN 2014-3A C1R	1	6,600,000	6,607,352
57629*CF6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			18,000,000	18,076,950	00/17/0014	09/17/2044	Interest Rate Swap			14310K-AC-5	CARLYLE GLOBAL MKT CLO 2013-4 SR SEC NT CL A1	4	18,000,000	18,076,950
	Evergreen Basket of Long Fixed Rate			18,000,000	18,076,950	09/17/2014	09/1//2044	interest Hate Swap			143 IUN-AU-3	SEC NI CL AI	·		18,076,950
57629*CG4	ABS Bank Loans and Corp Bonds 1		55,000,000	10,850,000	15,083,288	10/06/2014	10/06/2034	Interest Rate Swap	-	4, 198, 926	03763Y-AQ-9	APIDOS CLO-APID 2012-11A BR	1	10,850,000	10,884,362
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			15.000.000	15.000.330	10/06/2014	10/06/2034	Interest Rate Swap			00164K-AL-1	CLASS A2R ALM LOAN FUNDING	1	15,000,000	15,000,330
	Evergreen Basket of Long Fixed Rate			, ,				·				BABSON CLO LTD 2013-I-SR SECD NT CL			
57629*CG4	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		}	9,378,200	9,349,972	10/06/2014	10/06/2034	Interest Rate Swap			05617W-AC-7	B 144A ATLAS SENIOR LOAN FUND L-SERIES	1		9,349,972
57629*CG4	ABS Bank Loans and Corp Bonds 1			9,411,435	9,222,558	10/06/2014	10/06/2034	Interest Rate Swap			04941G-AE-8	2013-1A CLASS C	1	9,411,435	9,222,558
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3,797,179	0 760 740	10/06/2014	10/06/2034	Interest Rate Swap			50188G-AN-3	LCM XVIII LTD PARTNERSHIP-DEF MEZZ NT CL D 144A	2	3,797,179	3,762,716
	Evergreen Basket of Long Fixed Rate							·				BABSON CLO LTD 2015-I-SR SECD DEF	ν		
57629*CG4	ABS Bank Loans and Corp Bonds 1			3,729,766	3,770,038	10/06/2014	10/06/2034	Interest Rate Swap			056162-AG-5	NT CL D-1	2		3,770,038
57629*CG4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5,000,000	5,000,035	10/06/2014	10/06/2034	Interest Rate Swap			817176-AS-9	SENECA PARK CLO LTD-SPARK 2014-1A CR	1	5,000,000	5,000,035
	Evergreen Basket of Long Fixed Rate		400.000							44.046		STEELE CREEK CLO LTD-STCR 2014-1A			
57629*CH2	ABS Bank Loans and Corp Bonds 1		100,000,000	45,000,000	56,651,761	10/06/2014	10/06/2044	Interest Rate Swap		11,649,376	85815X-AQ-6	MORGAN STANLEY CAPITAL I-SERIES	1	45,000,000	45,002,385
	Evergreen Basket of Long Fixed Rate											2005-HE2 CLASS M1 MORGAN STANLEY			
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,000,000		10/06/2014	10/06/2044	Interest Rate Swap			61744C-NB-8	CAPITAL INCGALAXY X1X CLO LTD-SENIOR NOTE CL	1	10,000,000	9,816,280
57629*CH2	ABS Bank Loans and Corp Bonds 1		L	9,850,000	9,849,990	10/06/2014	10/06/2044	Interest Rate Swap	<b>L</b>		36319Q-AC-6	A-1A GALAXY CLO LTD	1	9,850,000	9,849,990

		D II II (0 I			Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	irrent Statement		( II D I	· (O			
-	2	Replication (Synt	tnetic Asset) Tra	nsactions 5	6	7	8	Devisetive In	nstrument(s) Open	Components	or the Repl	ication (Synthetic Asset) Trans	actions Instrument(s) Held		
'	2	3	4	5	ь	/	8	o Derivative ir	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC	Book/Adjusted Carrying Value	Fair Value
57629*CH2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			20.000.000	19.999.140	10/06/2014	10/06/2044	Interest Rate Swap			94950G-AC-1	WELLFLEET CLO LTD-WELF 2017-1A A2	4	20.000.000	19.999.140
5/629°UHZ	Evergreen Basket of Long Fixed Rate			20,000,000	19,999,140	10/06/2014	10/06/2044	Interest Hate Swap			94900G-AC-1		·	20,000,000	19,999,140
57629*CH2	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			15,375,000	15,374,892	10/06/2014	10/06/2044	Interest Rate Swap			87247C-AQ-6	TICP CLO LTD-TICP 2014-2A A2AR WASATCH LTD-SERIES 2006-1A CLASS	1	15,375,000	15,374,892
57629*CH2	ABS Bank Loans and Corp Bonds 1			5, 176, 344	5, 111, 798	10/06/2014	10/06/2044	Interest Rate Swap			93677P-AB-7	A1B	1	5, 176, 344	5, 111,798
	Evergreen Basket of Long Fixed Rate											RRPF Engine Leasing Ltd Senior			
57629*CJ8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		175,000,000	60,000,000	76,645,850	10/10/2014	10/10/2044	Interest Rate Swap		17,665,130	G7332#-AD-5	Secured	2	60,000,000	58,980,720
57629*CJ8	. ABS Bank Loans and Corp Bonds 1			26,949,407	28,406,250	10/10/2014	10/10/2044	Interest Rate Swap			629394-AA-5	. NTC CAPITAL I-UNSECURED BOND	2	26,949,407	28,406,250
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			20,779,206	21.992.214	10/10/2014	10/10/2044	Interest Rate Swap			230000-AB-7	CULLEN/FROST CAP TR II-SUBORDINATED	•	20,779,206	21,992,214
5/629°GJ8	Evergreen Basket of Long Fixed Rate			20,779,200	21,992,214	10/ 10/ 20 14	10/ 10/ 2044	Interest Hate Swap			230000-AB-7 _	BLUEMOUNTAIN CLO LTD-SERIES 2015-1A	4	20,779,206	
57629*CJ8	ABS Bank Loans and Corp Bonds 1			20,500,000	20,538,151	10/10/2014	10/10/2044	Interest Rate Swap			09627X-AW-1	CLASS A2R	1	20,500,000	20,538,151
	Evergreen Basket of Long Fixed Rate			, ,				· ·				PINNACLE PARK CLO LTD-SERIES 2014-			
57629*CJ8	ABS Bank Loans and Corp Bonds 1			18,700,000	18,715,671	10/10/2014	10/10/2044	Interest Rate Swap			72349B-AK-0	1A CLASS BR	1	18,700,000	18,715,671
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			16, 100,000	16 . 166 . 252	10/10/2014	10/10/2044	Interest Rate Swap			873549-AC-3	Taconic Park CLO Ltd 201-SERIES 2016-1A CLASS A2	1	16,100,000	16, 166, 252
3/029 000	Evergreen Basket of Long Fixed Rate			10, 100,000	10, 100,232	10/ 10/ 20 14	10/ 10/ 2044	Interest hate swap			073043-AU-3	BLUEMOUNTAIN CLO 2014-1 LTD SR SEC	'	10, 100,000	10, 100,232
57629*CJ8	ABS Bank Loans and Corp Bonds 1			1,852,833	1,885,277	10/10/2014	10/10/2044	Interest Rate Swap			09627L-AJ-6	DEF NT CL D	1	1,852,833	1,885,277
	Evergreen Basket of Long Fixed Rate											BLUEMOUNTAIN CLO 2014-4 LTD-SR SEC			
57629*CJ8	ABS Bank Loans and Corp Bonds 1			4,516,085	4,588,675	10/10/2014	10/10/2044	Interest Rate Swap			09627V-AG-0	DEF NT CL D	2	4,516,085	4,588,675
57629*CJ8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			3, 174, 825	3,240,465	10/10/2014	10/10/2044	Interest Rate Swap			05617Y-AG-4	BABSON CLO LTD 2013-II-SR SECD DEF NT CL C 144A	1	3, 174, 825	3,240,465
37023 000	Evergreen Basket of Long Fixed Rate					10/ 10/ 2014	10/ 10/ 2044	Interest hate owap			030171 AU 4	SLMA 2005-9 STUDENT LN-BKD NT CL B	'		
57629*CJ8	ABS Bank Loans and Corp Bonds 1			6,457,593	7 , 157 , 533	10/10/2014	10/10/2044	Interest Rate Swap			78442G-RC-2		1	6,457,593	7, 157, 533
	Evergreen Basket of Long Fixed Rate											BLUEMOUNTAIN CLO 2013-3 LTD SR SECD			
57629*CJ8	ABS Bank Loans and Corp Bonds 1			6,771,748	6,862,202	10/10/2014	10/10/2044	Interest Rate Swap			09625J-AF-1	DEF NT CL D	2	6,771,748	6,862,202
57629*CK5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	75.000.000	87,615,931	11/04/2014	11/04/2044	Interest Rate Swap		12,612,031	14311A-AJ-1	5A CLASS A1R CARLYLE GLOBAL MARKET STRATEGI	1	75,000,000	75,003,900
3/029 GN3	Evergreen Basket of Long Fixed Rate		123,000,000	73,000,000		11/04/2014	11/04/2044	Interest hate swap		12,012,001	14011A-AU-1	ATRIUM CDO CORP-ATRM 11A A1R ATRIUM		75,000,000	
57629*CK5	ABS Bank Loans and Corp Bonds 1			50,000,000	50, 185, 950	11/04/2014	11/04/2044	Interest Rate Swap			04964W-AL-9	CDO CORP	1	50,000,000	50, 185, 950
	Evergreen Basket of Long Fixed Rate							1				WELLFLEET CLO 2015-1 LTD-SR SECD NT			
57629*CL3	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		125,000,000	65,000,000	78,233,652	11/04/2014	11/04/2044	Interest Rate Swap		12,637,732	949496-AC-7	. CL A-1 144A WELLFLEET CLO LTD OHA CREDIT PARTNERS LTD-OAKC 2014-	1	65,000,000	65,595,920
57629*CL3	ABS Bank Loans and Corp Bonds 1			38,750,000	38,752,015	11/04/2014	11/04/2044	Interest Rate Swap			67106J-AQ-3	10A BR OHA CREDIT PARTNERS LTD	1	38,750,000	38,752,015
	Evergreen Basket of Long Fixed Rate											KINGSLAND VI LTD-SR SECD NT CL A1			
57629*CL3	ABS Bank Loans and Corp Bonds 1			21,892,304	21,500,366	11/04/2014	11/04/2044	Interest Rate Swap			49638W-AB-2	144A KINGSLAND LTD	1	21,892,304	21,500,366
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds		125.000.000	50.000.000	62.935.641	11/04/2014	11/04/2044	Interest Rate Swap		12.843.341	67106J-AN-0	OHA CREDIT PARTNERS LTD-OAKC 2014-		E0 000 000	E0 000 000
3/029°UNI	Evergreen Basket of Long Fixed Rate		125,000,000		02,930,641	11/04/2014	11/04/2044	interest hate swap		12,043,341	O / IUOJ-AIV-U _	. 10A AR OHA CREDIT PARTNERS LTD VENTURE CDO LTD-VENTR 2014-16A A1R	¹	50,000,000	50,092,300
57629*CM1	. ABS Bank Loans and Corp Bonds 1			46,000,000	45,999,816	11/04/2014	11/04/2044	Interest Rate Swap			92329X-AK-4	. VENTURE CDO LTD	1	46,000,000	45,999,816
								1				GOLUB CAPITAL PARTNERS C-SERIES 13-			
57629*CM1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			30.000.000	30.000.000	11/04/2014	11/04/2044	Interest Rate Swap			38172X-AG-4	16A CLASS A1R GOLUB CAPITAL PARTNERS CLO LTD		30,000,000	30,000,000
3/029°UNI	Evergreen Basket of Long Fixed Rate			30,000,000	30,000,000	11/04/2014	11/04/2044	interest hate swap			301/2X-AU-4	FANTINENS OLU LIU	¹	30,000,000	30,000,000
57629*CN9	ABS Bank Loans and Corp Bonds 1		125,000,000	51,960,314	64,906,015	11/04/2014	11/04/2044	Interest Rate Swap		12,869,043	924WKD-11-5	ASTORIA ENERGY II LLC TERM LOAN	2	51,960,314	52,036,972
	Evergreen Basket of Long Fixed Rate							· ·		, .,		Arpad Solar Borrower LLC Term Loan			
57629*CN9	ABS Bank Loans and Corp Bonds 1			48,000,000	46,453,200	11/04/2014	11/04/2044	Interest Rate Swap			83416T-RR-3	Arpad Solar Borrower LLC	2	48,000,000	46,453,200
57629*CN9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			26.700.000	26.699.867	11/04/2014	11/04/2044	Interest Rate Swap			29108Q-AY-8	EMERSON PARK CLO LTD-SERIES 13-1A EMERSON PARK CLO LTD	1	26,700,000	26,699,867
0.020 010	Evergreen Basket of Long Fixed Rate			20,700,000	60,000,007	11/04/2014	11/04/2044	interest nate onap			201000-N1-0	ATRIUM CDO CORP-SERIES 9A CLASS AR	1	20,700,000	
57629*CP4	ABS Bank Loans and Corp Bonds 1		125,000,000	48,000,000	61,154,562	11/04/2014	11/04/2044	Interest Rate Swap		12,946,146	04964K-AL-5	ATRIUM CDO CORP	1	48,000,000	48,208,416
	Evergreen Basket of Long Fixed Rate							1				TICP CLO LTD-TICP 2014-2A A1AR TICP			
57629*CP4	ABS Bank Loans and Corp Bonds 1			38,550,000	38,611,564	11/04/2014	11/04/2044	Interest Rate Swap			87247C-AN-3	CLO LTDCAMERON LNG CONSTRUCTION FA Cameron	1	38,550,000	38,611,564
57629*CP4	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			40,745,949	41,067,623	11/04/2014	11/04/2044	Interest Rate Swap			13345*-AA-5	LNG LLC	1	40,745,949	41,067,623
0.020 017	Evergreen Basket of Long Fixed Rate					, 0-7/2014	, 07/2077		-			JFIN CLO LTD-SERIES 14-2A CLASS	·		
57629*CQ2	ABS Bank Loans and Corp Bonds 1		125,000,000	72,000,000		11/04/2014	11/04/2044	Interest Rate Swap		13, 100, 353	46617N-AQ-0	A1AR JFIN CLO LTD	1	72,000,000	72,000,000
E7000+000	Evergreen Basket of Long Fixed Rate			07 400 000	40,000,000	11/04/0014	11 /04 /0044	Latarant Data Cons			74000+ AD 4	RXR Realty, LLC Senior Secured RXR		07 400 000	40,000,000
57629*CQ2	ABS Bank Loans and Corp Bonds 1			37,400,000	40,228,936	11/04/2014	11/04/2044	Interest Rate Swap			74992*-AB-1	Realty LLC	Z	37,400,000	40,228,936

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

		Replication (Syn	thetic Asset) Tra	nsactions	ricpiicatii	on (Oynuncut	insocij IIa	nsactions Open as of Cu I	arroni Otatoment		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative I	Instrument(s) Open		TOT THE HEPT		Instrument(s) Held		
	_	NAIC			J	,	Ü	9	10	11	12	13	14 NAIC	15	16
Number	Description	Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
	Evergreen Basket of Long Fixed Rate											ANCHORAGE CAPITAL CLO LT-SERIES 2016-8A CLASS A1 ANCHORAGE CAPITAL			
57629*CQ2	ABS Bank Loans and Corp Bonds 1			16,685,861	16,569,960	11/04/2014	11/04/2044	Interest Rate Swap			03329K-AA-1	CLO LTD	1	16,685,861	16,569,960
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		125,000,000	13,760,000	26,834,583	11/04/2014	11/04/2044	Interest Rate Swap		13,074,652	14310U-AQ-2	CARLYLE GLOBAL MARKET ST-CGMS 2014- 4A BR CARLYLE GLOBAL MARKET STRATEGI	1	13,760,000	13,759,931
	Evergreen Basket of Long Fixed Rate											AVERY POINT CLO LTD-SERIES 14-1A			
57629*CR0	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,660,000	13,661,626	11/04/2014	11/04/2044	Interest Rate Swap			05363U-AW-3	CLASS CR AVERY POINT CLO LTD	1	13,660,000	13,661,626
57629*CR0	ABS Bank Loans and Corp Bonds 1			13,660,000	13,697,456	11/04/2014	11/04/2044	Interest Rate Swap			04964K-AS-0	ATRIUM CDO CORP	1	13,660,000	13,697,456
57629*CR0	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,500,000	13,244,958	11/04/2014	11/04/2044	Interest Rate Swap			470320-AK-7	JAMES CAMPBELL COMPANYRRPF Engine Leasing Ltd Senior	2	13,500,000	13,244,958
57629*CR0	ABS Bank Loans and Corp Bonds 1			13.000.000	11.614.486	11/04/2014	11/04/2044	Interest Rate Swap			G7332#-AH-6	Secured Rrpf Engine Leasing Ltd	1	13.000.000	11,614,486
	Evergreen Basket of Long Fixed Rate											CARLYLE GLOBAL MARKET ST-SERIES 2014-1A CLASS BR CARLYLE GLOBAL			
57629*CR0	ABS Bank Loans and Corp Bonds 1  Evergreen Basket of Long Fixed Rate			10,000,000	10,013,330	11/04/2014	11/04/2044	Interest Rate Swap			14310M-AQ-0	MARKET STRATEGI TCI-CENT CLO 2016-1 LTDSERIES 17- 1A CLASS A1 TCI-CENT CLO 2016-1	1	10,000,000	10,013,330
57629*CR0	ABS Bank Loans and Corp Bonds 1			30,000,000	30,000,000	11/04/2014	11/04/2044	Interest Rate Swap			87806L-AC-0	LTD.	1	30,000,000	30,000,000
57629*CR0	Evergreen Basket of Long Fixed Rate			20.000.000	19.999.920	11/04/2014	11 /04 /0044	Latarant Data Corn			12550Y-AC-8	CIFC FUNDING LTD-CIFC 2017-2A A CIFC Funding 2017-II Ltd	4	20,000,000	19,999,920
5/629^UHU	ABS Bank Loans and Corp Bonds 1  Evergreen Basket of Long Fixed Rate			20,000,000	19,999,920	11/04/2014	11/04/2044	Interest Rate Swap			12000Y-AU-8	MADISON PARK FUNDING LTD-SERIES 2015-16A CLASS A2R MADISON PARK	I	20,000,000	19,999,920
57629*CS8	ABS Bank Loans and Corp Bonds 1		125,000,000	12,740,000	25,867,188	11/04/2014	11/04/2044	Interest Rate Swap		13, 126, 054	55818X-AY-9	FUNDING LTD	1	12,740,000	12,741,134
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			12.675.000	12,680,095	11/04/2014	11/04/2044	Interest Rate Swap			55953E-AJ-9	MAGNETITE CLO LTD-SERIES 14-11A . CLASS A1R Magnetite XI Ltd	1	12,675,000	12,680,095
	Evergreen Basket of Long Fixed Rate			, ,	12,000,000	11/04/2014		·				APIDOS CLO-SERIES 17-26A CLASS A2	'		
57629*CS8	ABS Bank Loans and Corp Bonds 1			12,240,000	12,239,694	11/04/2014	11/04/2044	Interest Rate Swap			03766G-AE-2	Apidos CLO XXVI	1	12,240,000	12,239,694
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			11.980.000	11,979,605	11/04/2014	11/04/2044	Interest Rate Swap			149420-AE-1	CATSKILL PARK CLO LTDSERIES 17-1A CLASS A2 Catskill Park CLO Ltd	1	11,980,000	11,979,605
	Evergreen Basket of Long Fixed Rate			, ,								MADISON PARK FDG V LTD-NT CL A-2			
57629*CS8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,992,530	4,937,940	11/04/2014	11/04/2044	Interest Rate Swap			55817X-AC-8	. 144A MADISON PARK FUNDING LTD KKR FINANCIAL CLO LTD-SERIES 9	1	4,992,530	4,937,940
57629*CS8	. ABS Bank Loans and Corp Bonds 1			21, 100,000	21, 100,000	11/04/2014	11/04/2044	Interest Rate Swap			48250L-AL-3	CLASS AR KKR FINANCIAL CLO LTD	1	21,100,000	21, 100,000
F7000+000	Evergreen Basket of Long Fixed Rate			40.000.000	40,000,000	11/01/0011	11/01/0011				00164M-DG-5	ALM LOAN FUNDING-SERIES 15-12A		40,000,000	40,000,000
57629*CS8	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			16,900,000	16,886,693	11/04/2014	11/04/2044	Interest Rate Swap			00164M-DG-5	CLASS A1R ALM LOAN FUNDINGBALLYROCK LTD-BALLY 2014-1A A2R	1	16,900,000	16,886,693
57629*CS8	. ABS Bank Loans and Corp Bonds 1			18,100,000	18, 101, 629	11/04/2014	11/04/2044	Interest Rate Swap			05873L-AK-2	BALLYROCK LTD	1	18,100,000	18, 101, 629
57629*CS8	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			18,100,000	18,102,842	11/04/2014	11/04/2044	Interest Rate Swap			40436V-AA-9	HIGHBRIDGE LOAN MANAGEME-HLM 11A-17 A HPS Loan Management 11-2017 Ltd	1	18,100,000	18,102,842
3/029*638	Evergreen Basket of Long Fixed Rate			18, 100,000	18, 102,842	11/04/2014	11/04/2044	Interest Hate Swap			40430V-AA-9	A HPS Loan Management 11-2017 Ltd	·		18, 102,842
57629*CX7	ABS Bank Loans and Corp Bonds 2		150,000,000	13, 176, 445	20,308,475	12/16/2014	12/16/2044	Interest Rate Swap		5,562,429	979JXH-11-5	AUTOSTRADA WIELKOPOLSKA SA	3		14,746,046
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2			34.649.025	34.646.430	12/16/2014	12/16/2044	Interest Rate Swap			U8270Y-ZZ-4	SILVER STATE SOLAR SOUTH	2	34,649,025	34,646,430
	Evergreen Basket of Long Fixed Rate			54,040,020		12/ 10/ 20 14	12/ 10/ 2044	Titterest hate owap				KINGSLAND V LTD-SR SECD NT CL A2B	<b>-</b>		,,,,,,,,,,
57629*CX7	ABS Bank Loans and Corp Bonds 2			11,177,799	10,904,406	12/16/2014	12/16/2044	Interest Rate Swap			49636R-AL-3	144A	1	11, 177, 799	10,904,406
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			11,535,331	11.174.844	12/16/2014	12/16/2044	Interest Rate Swap			26249B-AC-5	DRYDEN 30 SR LN FD-SR SEC NT CL B	1	11,535,331	11.174.844
	Evergreen Basket of Long Fixed Rate	·		, , , , , ,								BALLYROCK LTD-SERIES 2013-1A CLASS			, ,
57629*CX7	. ABS Bank Loans and Corp Bonds 2			11,497,499	11,203,315	12/16/2014	12/16/2044	Interest Rate Swap			05874P-AE-6	BENEFIT STREET PRINRS CLO VII SR	1	11,497,499	11,203,315
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2	!		15, 126, 972	15,001,890	12/16/2014	12/16/2044	Interest Rate Swap			08180R-AC-9	SEC NT CL A-2 Benefit Street Partners CLO VII, Ltd.	1	15,126,972	15,001,890
57000±0V=	Evergreen Basket of Long Fixed Rate			4		10 /10 /05 : :	10 /10 /05 : :	l			075005	OCTAGON INV PARTNERS XVI LTD-SR			
57629*CX7	. ABS Bank Loans and Corp Bonds 2 Evergreen Basket of Long Fixed Rate			10,950,000	10,913,405	12/16/2014	12/16/2044	Interest Rate Swap			67590B-AC-4	SECD NT CL B1CARLYLE GLOBAL MARKET ST-CGMS 2014-	1	10,950,000	10,913,405
57629*CX7	ABS Bank Loans and Corp Bonds 2			11,040,000	11,040,475	12/16/2014	12/16/2044	Interest Rate Swap			14310V-AM-9	2A BR	1	11,040,000	11,040,475
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2			11,292,652	11 200 772	12/16/2014	12/16/2044	Interest Rate Swap			46617N-AC-1	JFIN CLO 2014-II LTD-SR SECD NOTE CLASS A-2 144A	1	11,292,652	11,200,773
31029"UN1	Evergreen Basket of Long Fixed Rate						12/ 10/ 2044	miterest nate owap				JFIN CLO 2012 LTD-NOTE CLASS A2B	1	, ,	
57629*CX7	ABS Bank Loans and Corp Bonds 2			10,923,149	10,805,141	12/16/2014	12/16/2044	Interest Rate Swap	L		46616A-AJ-5	144A	1	10.923.149	10,805,141

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

		Replication (Synt	thetic Asset) Tra	nsactions	riopiloati	on (Oynanoa	071000tj 11a	nsactions Open as of Cu	mone otatomone		of the Repli	cation (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative Ir	nstrument(s) Open	•		Cash	Instrument(s) Held		
		NAIC Designation or Other	Notional	Book/Adjusted Carrying		Effective	Maturity	9	10  Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2			10,054,989	10,026,190	12/16/2014	12/16/2044	Interest Rate Swap			38137Q-AA-6	GOLDENTREE LOAN OPPORTUN-SERIES 14- 9A CLASS AR GOLDENTREE LOAN OPPORTUNITIES	1	10,054,989	10,026,190
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2	!		7,460,332	7,201,433	12/16/2014	12/16/2044	Interest Rate Swap			14310G-AG-5	CARLYLE GLOBAL MKT CLO 2013-3 SR SEC DEF NT CL B	1	7,460,332	7,201,433
57629*CX7	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 2			8,100,000		12/16/2014	12/16/2044	Interest Rate Swap			001626-AC-4	ALM XIX Ltd SR SECD NT CL A-2	1	8,100,000	8, 185, 552
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		150,000,000	9,000,000	14,254,721	12/16/2014	12/16/2044	Interest Rate Swap		5,253,074	05617W-AE-3	BABSON CLO LTD 2013-I-SR SECD NT CL C 144A	1	9,000,000	9,001,647
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7,223,755		12/16/2014	12/16/2044	Interest Rate Swap			46617E-AE-7	JFIN CLO 2014 LTD-MEZZ SECD DEF NT CL C	1	7,223,755	7, 101, 427
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			14,470,000	14,469,407	12/16/2014	12/16/2044	Interest Rate Swap			55820R-AC-6	25A CLASS A2 Madison Park Funding	1	14,470,000	14,469,407
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7,000,000	7,000,070	12/16/2014	12/16/2044	Interest Rate Swap			14310D-AE-7	CARLYLE GLOBAL MKT CLO 2013-2 SR SEC NT CL B CENT CDO 15 LTD-DEF NT SER 2007-15A	1	7,000,000	7,000,070
57629*CT6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,500,000	2,499,995	12/16/2014	12/16/2044	Interest Rate Swap	-		15132V-AG-5	CENI CDO 15 LID-DEF NI SER 2007-15A CL C 144A JFIN CLO 2007 LTD-DEF MEZZ NOTE	3	2,500,000	2,499,995
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,968,002	2, 174,912	12/16/2014	12/16/2044	Interest Rate Swap			46615P-AG-9	CLASS DCENT CDO 12 LTD-DEF MEZZ NOTE	1	1,968,002	2,174,912
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,819,870	2,079,966	12/16/2014	12/16/2044	Interest Rate Swap	-		15135A-AD-5	2006-12A CL DVIBRANT CLO IV LTD-SR SECD NT CL B	1	1,819,870	2,079,966
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			6,322,860	6,358,035	12/16/2014	12/16/2044	Interest Rate Swap			92557W-AE-3	144ARACE POINT X CLO LTD SR SECD NT CL	1	6,322,860	6,358,035
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			41,400,000	41,529,872	12/16/2014	12/16/2044	Interest Rate Swap			74983D-AA-5	A	1	41,400,000	41,529,872
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			17,717,350	17,810,102	12/16/2014	12/16/2044	Interest Rate Swap			94949R-AC-1	NT CL A 144A	1	17,717,350	17,810,102
57629*CT6	. ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			17,517,698	17,386,746		12/16/2044	Interest Rate Swap	-		858102-AD-8	NT CL A-1 144A	1		17,386,746
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,000,000	7,000,070		12/16/2044	Interest Rate Swap	-		05618D-AN-4	BABSON CLO LTD-BABSN 2014-1A BR DRYDEN XXVI SR LN FD SR SECD NT CL	1	7,000,000	7,000,070
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,906,262	7,901,654	12/16/2014	12/16/2044	Interest Rate Swap			26250U-AC-9	AALM XVII LTD-SR SECURED NOTE CLASS	1		7,901,654
57629*CT6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,750,000		12/16/2014	12/16/2044	Interest Rate Swap			02014P-AC-8	A2L	[1	13,750,000	13,869,419
57629*CW957629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		250,000,000	35,578,477	45,003,869	12/16/2014	12/16/2044	Interest Rate Swap		9,425,392	979JXQ-11-5 U8270Y-ZZ-4	CONNECT PLUS M25 LTD	2	35,578,477	35,578,477
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			14,000,000	14,005,362	12/16/2014	12/16/2044	Interest Rate Swap			15136G-AQ-2	CENT CLO 16 LP NT CL A-2-R	1	14,000,000	14,005,362
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			23,500,000	23,500,306	12/16/2014	12/16/2044	Interest Rate Swap			05618D-AL-8	BABSON CLO LTD-BABSN 2014-IA A2R BABSON CLO LTD	1	23,500,000	23,500,306
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			23,085,563	23,100,000	12/16/2014	12/16/2044	Interest Rate Swap			83610K-AA-1	SOUND POINT CLO LTD-SERIES 2017-2A CLASS A Sound Point Clo XVI Ltd	1	23,085,563	23,100,000
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			12,750,000	12,788,824	12/16/2014	12/16/2044	Interest Rate Swap	-		50184K-AU-2	LCM LTD PARTNERSHIP-SERIES 13A CLASS BR	1	12,750,000	12,788,824
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			21, 104, 956	21, 142,845	12/16/2014	12/16/2044	Interest Rate Swap			88576P-AE-3	1A CLASS A1 321 Henderson Receivables   LLC	1	21, 104, 956	21,142,845
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			22,600,000	22,599,910	12/16/2014	12/16/2044	Interest Rate Swap			09627R-AJ-3	BLUEMOUNTAIN CLO LTD-BLUEM 2014-3A A1R BLUEMOUNTAIN CLO LTD	1	22,600,000	22,599,910
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			20,000,000	20,003,340	12/16/2014	12/16/2044	Interest Rate Swap			58806P-AC-2	MERCER FIELD CLO LP-MERCL 2017-1A A2 Mercer Field II CLO Ltd APIDOS CLO-APID 2014-18A BR APIDOS	1	20,000,000	20,003,340
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			10,500,000	10,499,885	12/16/2014	12/16/2044	Interest Rate Swap			03765D-AS-9	CLOSILVER SPRING CLO LTD-SR SECD NT CL	1	10,500,000	10,499,885
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			12,288,854	12, 113,318	12/16/2014	12/16/2044	Interest Rate Swap			82817R-AB-7	B-1 144ATCI-FLATIRON CLO 2016-1 LTD SR SECD	1	12,288,854	12, 113,318
57629*CW9	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,084,217	13,138,320	12/16/2014	12/16/2044	Interest Rate Swap			87230A-AA-4	NT CL ASENECA PARK CLO LTD-SPARK 2014-1A	1	13,084,217	13, 138, 320
57629*CW9	ABS Bank Loans and Corp Bonds 1			14,690,000	14,696,919	12/16/2014	12/16/2044	Interest Rate Swap			817176-AL-4	AR	1	14,690,000	14,696,919

		Replication (Synt	thatia Assat) Tra	naaatiana	Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement		of the Don	ication (Synthetic Asset) Trans	a ations		
1	2	Replication (Synt	netic Asset) Tra	insactions 5	6	7	8	Dorivativa li	nstrument(s) Open		or the Rep				
ı	2	3	4	5	ь	/	8				40		Instrument(s) Held	1 45 1	- 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
	Evergreen Basket of Long Fixed Rate											GoldentTree Loan Managem-GLM 2017-			
57629*CW9	ABS Bank Loans and Corp Bonds 1			13,500,000	13,500,027	12/16/2014	12/16/2044	Interest Rate Swap			38136F-AG-8 .	. 1A B1APIDOS CLO-SERIES 13-15A CLASS A2AR	1	13,500,000	13,500,027
57629*CW9	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			10.800.000	10,800,140	12/16/2014	12/16/2044	Interest Rate Swap			03764Q-AQ-5	APIDUS ULU-SERIES 13-15A ULASS AZAR	1	10,800,000	10,800,140
37023 0113	Evergreen Basket of Long Fixed Rate			10,000,000	10,000, 140	12/ 10/ 2014	12/ 10/ 2044	Titterest nate orap			00/04Q AQ 5 _	BLUEMOUNTAIN CLO 2015-2 LTD SR SECD	'	10,000,000	10,000, 140
57629*CW9	ABS Bank Loans and Corp Bonds 1			8,249,014		12/16/2014	12/16/2044	Interest Rate Swap			09628B-AA-6 .	NT CL A-1	1	8,249,014	
	Evergreen Basket of Long Fixed Rate											MASSMUTUAL ASSET FIN LLC SR SECD			
57629*CU3	ABS Bank Loans and Corp Bonds 1		250,000,000	328,073,426	335,037,772	12/16/2014	12/16/2044	Interest Rate Swap		8,445,770	57542Z-A0-7 _	REV NT	1	328,073,426	326,592,002
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1		200.000.000	15,248,567	21 502 473	12/16/2014	12/16/2044	Interest Rate Swap		6.344.143	65531W-AA-8 .	NOMAD CLO LTD-SECD NT SER 2013-1A CL A-1 144A	1	15,248,567	15, 158, 330
3/023 0/1	Evergreen Basket of Long Fixed Rate		200,000,000			12/ 10/ 2014	12/ 10/ 2044	Titterest nate owap			0000 III AA 0 .	BLUEMOUNTAIN CLO 2013-3 LTD SR SECD	·		
57629*CV1	ABS Bank Loans and Corp Bonds 1			23,602,398	23,306,244	12/16/2014	12/16/2044	Interest Rate Swap			09625J-AA-2 _	NT CL A	1	23,602,398	23,306,244
	Evergreen Basket of Long Fixed Rate							l				ATLAS SENIOR LOAN FUND L-SERIES			
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,011,226	10,999,846	12/16/2014	12/16/2044	Interest Rate Swap			04941G-AA-6 .	. 2013-1A CLASS A	1	11,011,226	10,999,846
57629*CV1	ABS Bank Loans and Corp Bonds 1			5.850.000	5,892,196	12/16/2014	12/16/2044	Interest Rate Swap			55819T-AG-6	CL C-1 144A	1	5,850,000	5,892,196
0.020 0.1	Evergreen Basket of Long Fixed Rate					12, 10, 2011	12/ 10/ 20 11 11111	micor doc maco onap			000101 110 0 2	SOUND POINT CLO XI LTD-SR SECD NT			
57629*CV1	ABS Bank Loans and Corp Bonds 1			22,220,000	22,395,449	12/16/2014	12/16/2044	Interest Rate Swap			83609J-AA-7 .	CL A 144A	1	22,220,000	22,395,449
57000±01/4	Evergreen Basket of Long Fixed Rate			04 075 000	04 070 004	10 /10 /0014	10 /10 /00 /1				004000 44 0	BENEFIT STR PARTNERS CLO VII LTD SR		04 075 000	04 070 004
57629*CV1	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			21,675,000	21,676,691	12/16/2014	12/16/2044	Interest Rate Swap			08180R-AA-3 _	SECD NT CL A-1A	I	21,675,000	21,676,691
57629*CV1	ABS Bank Loans and Corp Bonds 1			17,120,000	17.119.829	12/16/2014	12/16/2044	Interest Rate Swap			674000-AN-4 .	. A1R Oaktree CLO 2014-1	1	17,120,000	17, 119, 829
0.020 0.1	The bank board and our bonds				, , , , , , , , , , , , , , , , , ,	12, 10, 2011 11111	12/ 10/ 20 11 11111	The sect that on ap			01 1000 711 1 2	ANCHORAGE CAPITAL CLO LT-ANCHC		, 120,000	,,
	Evergreen Basket of Long Fixed Rate											2014-5A BR ANCHORAGE CAPITAL CLO LTD			
57629*CV1	ABS Bank Loans and Corp Bonds 1			17,000,000	16,999,898	12/16/2014	12/16/2044	Interest Rate Swap			033286-AN-5 _	DALLYDON LTD SERVES COME AL SILOS	1	17,000,000	16,999,898
57629*CV1	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			16,600,000	16.604.017	12/16/2014	12/16/2044	Interest Rate Swap			05874P-AC-0 .	BALLYROCK LTD-SERIES 2013-1A CLASS B Ballyrock CLO 2013-1 Ltd.	1	16,600,000	16,604,017
37023 071	Evergreen Basket of Long Fixed Rate			10,000,000		12/ 10/ 20 14	12/ 10/ 2044	Titterest nate owap			030741 A0 0 .	MASSMUTUAL ASSET FIN LLC SR SECD	·	10,000,000	10,004,017
57629*CV1	ABS Bank Loans and Corp Bonds 1			56,000,000	55,747,131	12/16/2014	12/16/2044	Interest Rate Swap			57542Z-A0-7 _	REV NT	1	56,000,000	55,747,131
57000±0V5	Evergreen Basket of Long Fixed Rate		405 000 000	40, 400, 000		00 (05 (00 (5	00 (05 (00 (5			(7,000,077)	504040 40 0	LOW LTD DARTHEDOWN		40, 400, 000	40, 400, 000
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		125,000,000	10,100,000	3,093,623	02/05/2015	02/05/2045	Interest Rate Swap		(7,006,377)	) 50181G-AS-9 .	LCM LTD PARTNERSHIP	1	10,100,000	10,100,000
57629*CY5	ABS Bank Loans and Corp Bonds 1			10,010,000	10,010,822	02/05/2015	02/05/2045	Interest Rate Swap			92912V-AS-4	VOYA CLO LTD	1	10,010,000	10,010,822
	Evergreen Basket of Long Fixed Rate											MANUFACTURERS AND TRADERS TRUST CO			
57629*CY5	ABS Bank Loans and Corp Bonds 1			10,512,520	10,355,625	02/05/2015	02/05/2045	Interest Rate Swap			564759-QB-7	TCI-CENT CLO 2016-1 LTDSERIES 17-	1	10,512,520	10,355,625
	Evergreen Basket of Long Fixed Rate											1A CLASS A2 TCI-CENT CLO 2016-1			
57629*CY5	ABS Bank Loans and Corp Bonds 1			13,500,000	13,500,000	02/05/2015	02/05/2045	Interest Rate Swap			87806L-AE-6 .	LTD	1	13,500,000	13,500,000
	Evergreen Basket of Long Fixed Rate											BABSON CLO LTD-SERIES 17-1A CLASS			
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,500,000	13,500,000	02/05/2015	02/05/2045	Interest Rate Swap			06760B-AE-2 .	B1 BABSON CLO LTD	1	13,500,000	13,500,000
57629*CY5	ABS Bank Loans and Corp Bonds 1			12,700,000	12.700.000	02/05/2015	02/05/2045	Interest Rate Swap			398080-AL-5 .	CLASS A2R GREYWOLF CLO LTD	1	12,700,000	12.700.000
				,,								HIGHBRIDGE LOAN MANAGEME-SERIES			
E700040VE	Evergreen Basket of Long Fixed Rate			40 700 000	40 700 555	00 (05 (00 15	00 (05 (00 15				40.400)/ +5 =	2014 CLAS A2R HIGHBRIDGE LOAN		40 700 000	40 700 555
57629*CY5	ABS Bank Loans and Corp Bonds 1			12,700,000	12,/00,000	02/05/2015	02/05/2045	Interest Rate Swap			40436X-AE-7 _	MANAGEMENT LTDBAIN CAPITAL CREDIT CLO -SERIES 17-	1	12,700,000	12,700,000
	Evergreen Basket of Long Fixed Rate											2A CLASS BR BAIN CAPITAL CREDIT CLO			
57629*CY5	ABS Bank Loans and Corp Bonds 1			11,400,000	11,400,000	02/05/2015	02/05/2045	Interest Rate Swap			14954W-AN-6 .	LIMIT	1	11,400,000	11,400,000
												BAIN CAPITAL CREDIT CLO -SERIES 17-			
57629*CY5	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			11.200.000	11.200.000	02/05/2015	02/05/2045	Interest Rate Swap			056820-AC-0	1A CLASS A1 BAIN CAPITAL CREDIT CLO	1	11,200,000	11,200,000
01020 UIJ	Evergreen Basket of Long Fixed Rate			1,200,000	11,200,000	02/03/2013	02/03/2043	miterest nate owap			000024-NU-U .	ALM LOAN FUNDING-SERIES 15-16A	1	11,200,000	1,200,000
57629*CY5	ABS Bank Loans and Corp Bonds 1			10,200,000	10,200,000	02/05/2015	02/05/2045	Interest Rate Swap			00162L-CG-0 _	CLASS BR ALM LOAN FUNDING	1	10,200,000	10,200,000
	Evergreen Basket of Long Fixed Rate							l				AVERY POINT CLO LTD-SERIES 13-3A			
57629*CY5	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			11,300,000	11,303,187	02/05/2015	02/05/2045	Interest Rate Swap			053633-AH-6 .	CLASS B1R AVERY POINT CLO LTD CARLYSLE GLOBAL MARKET STRATEGIES	1	11,300,000	11,303,187
57629*CY5	ABS Bank Loans and Corp Bonds 1			9,580,000	9,582,338	02/05/2015	02/05/2045	Interest Rate Swap			14311D-AE-6	ONILIGEE GEODAL MARKET STRATEGIES	1	9,580,000	9,582,338
	Evergreen Basket of Long Fixed Rate											CARLYLE GLOBAL MKT CLO 2015-1 SR			
57629*CZ2	ABS Bank Loans and Corp Bonds 1		125,000,000	15,292,970		02/05/2015	02/05/2045	Interest Rate Swap		(7,216,866)	) 14311D-AC-0 .	SEC NT CL A	1	15,292,970	15 , 101 , 555
57629*CZ2	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			32,330,000	32,337,889	02/05/2015	02/05/2045	Interest Rate Swap			053633-AG-8 .	AVERY POINT CLO LTD-SERIES 13-3A CLASS AR AVERY POINT CLO LTD	1	32,330,000	32,337,889
01029 022	Evergreen Basket of Long Fixed Rate			, ۵۵۷, ۵۵۷ کو	,089 ادد, عد	02/03/2013	02/03/2043	miterest nate owap			000000-NU-8 .	AVERY POINT CLO LTD-SERIES 14-1A	1		889, ادد, علا
57629*CZ2	ABS Bank Loans and Corp Bonds 1		L	32,100,000	32.099.904	02/05/2015	02/05/2045	Interest Rate Swap	L		05363U-AU-7	CLASS BR AVERY POINT CLO LTD	1	32,100,000	32.099.904

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

		Replication (Syr	thetic Asset) Tra	ansactions	neplicati	on (Synthet	ic Asset) Tra	nsactions Open as of C I	urrent Statemen		of the Renl	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		or the riepi		Instrument(s) Held		
	_	ŭ		, 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*CZ2	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			32.000.000	32,000,096	02/05/2015	02/05/2045	Interest Rate Swap			67706T-AS-1	OHA LOAN FUNDING LTD-OHALF 2014-1A A1R OHA LOAN FUNDING LTD	1	32,000,000	32,000,096
37023 022	Evergreen Basket of Long Fixed Rate			02,000,000		02/03/2013	02/03/2040	Interest nate owap			011001 A0 1 .	BABSON CLO LTD-BABSN 2014-3A B1R	'		
57629*CZ2	ABS Bank Loans and Corp Bonds	l		18,700,000	18,710,397	02/05/2015	02/05/2045	Interest Rate Swap			05618M-AU-8	BABSON CLO LTD	1	18,700,000	18,710,397
57629*CZ2	ABS Bank Loans and Corp Bonds	l		7,000,000	6,999,944	02/05/2015	02/05/2045	Interest Rate Swap			26249E-AS-4	CIN GENOS ON BINDEN GENTON ESTAT FORB	1		6,999,944
	Evergreen Basket of Long Fixed Rate											HILDENE CLO LTD-SERIES 13-1A CLASS			
57629*DA6	ABS Bank Loans and Corp Bonds	l	125,000,000	18,100,000	11,071,168	02/05/2015	02/05/2045	Interest Rate Swap		(7,028,723)	43132R-AS-0	BR HILDENE CLO LTD	1	18,100,000	18,099,891
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			27,200,000	27 211 533	02/05/2015	02/05/2045	Interest Rate Swap			55818R-AQ-9	14A A1R MADISON PARK FUNDING LTD	1	27,200,000	27,211,533
	Evergreen Basket of Long Fixed Rate											DRYDEN SENIOR LOAN FUND-SERIES 14- 31A CLASS AR DRYDEN SENIOR LOAN FUND			
57629*DA6	ABS Bank Loans and Corp Bonds			24,750,000	24,749,975	02/05/2015	02/05/2045	Interest Rate Swap			26249E-AN-5	ROCKFORD TOWER CLO LTD-ROCKT 2017-	1	24,750,000	24,749,975
57629*DA6	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	I		18,023,592	17,999,224	02/05/2015	02/05/2045	Interest Rate Swap			77340E-AC-0	1A B Rockford Tower CLO 2017-1 Ltd	1		17,999,224
	Evergreen Basket of Long Fixed Rate											HALCYON LOAN ADVISORS FU-SERIES 2014-1A CLASS B1 HALCYON LOAN			
57629*DA6	ABS Bank Loans and Corp Bonds 1	l		18,411,474	17,899,982	02/05/2015	02/05/2045	Interest Rate Swap			40538C-AG-5	ADVISORS FUNDING	1		17,899,982
	Evergreen Basket of Long Fixed Rate							· ·				VOYA CLO LTD-INGIM 2013-3A A1R Voya			
57629*DA6	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		24,090,000	24,099,251	02/05/2015	02/05/2045	Interest Rate Swap			92916X-AA-5	CL0 2013-3 Ltd	1	24,090,000	24,099,251
57629*DA6	ABS Bank Loans and Corp Bonds			4,300,000	4.300.000	02/05/2015	02/05/2045	Interest Rate Swap			87248T-AE-5	TICP CLO LTD	1	4.300.000	4,300,000
07020 BNO	Evergreen Basket of Long Fixed Rate	'		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		02/00/2010	02/00/2040	Therese have shap			OTENOT HE O	MAGNETITE CLO LTD-MAGNE 2012-7A A2R	·		
57629*DB4	ABS Bank Loans and Corp Bonds 1	l	125,000,000	6,841,067	(523,893)	02/05/2015	02/05/2045	Interest Rate Swap		(7,368,565)	55951P-AR-8		1	6,841,067	6,844,672
57000+004	Evergreen Basket of Long Fixed Rate			0 000 400	0 400 040	00 (05 (00 45	00 (05 (00 45	1			074005 40 0	OZLM FUNDING IV LTD-SR SECD NT CL		0.000.400	0 400 040
57629*DB4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			8,369,408	8, 100, 948	02/05/2015	02/05/2045	Interest Rate Swap			67108F-AC-0 .	. A2 144A	1		8, 100, 948
57629*DB4	ABS Bank Loans and Corp Bonds 1	l		8, 140, 629	8,002,112	02/05/2015	02/05/2045	Interest Rate Swap			39808F-AE-8 .	. CL B 144A	1		8,002,112
57000+004	Evergreen Basket of Long Fixed Rate			8.000.000		00 (05 (00 45	00 105 100 15				00900A-AJ-7	AIMCO-SERIES 14-AA CLASS B1R AIMCO		2 222 222	0 000 040
57629*DB4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		8,000,000		02/05/2015	02/05/2045	Interest Rate Swap			00900A-AJ-7 _	OCTAGON INV PARTNERS XVI LTD-SR			8,000,048
57629*DB4	ABS Bank Loans and Corp Bonds 1	l		26,243,905	26,026,624	02/05/2015	02/05/2045	Interest Rate Swap			67590B-AA-8	SECD NT CL A	1		26,026,624
	Evergreen Basket of Long Fixed Rate											CENT CLO 18 LP-NT SER 2013-18A CL B			
57629*DB4	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		7,850,000	7,851,452	02/05/2015	02/05/2045	Interest Rate Swap			15136R-AE-5	144A	1		7,851,452
57629*DB4	ABS Bank Loans and Corp Bonds 1	l		46, 150,000	47,140,794	02/05/2015	02/05/2045	Interest Rate Swap			589433-G@-4	Meredith Corp. Senior Note Ser	3	46,150,000	47,140,794
	Evergreen Basket of Long Fixed Rate											GT LOAN FINANCING LTD-SERIES 2013-			
57629*DB4	ABS Bank Loans and Corp Bonds 1	l		7,476,271	7,467,158	02/05/2015	02/05/2045	Interest Rate Swap			36248M-AB-3	NIND RIVER CLO LTD-WINDR 2014-1A CR	1	7,476,271	7, 467, 158
57629*DB4	Evergreen Basket of Long Fixed Rate  ABS Bank Loans and Corp Bonds			3.800.000	3 801 170	02/05/2015	02/05/2045	Interest Rate Swap			88432C-AW-6	WIND RIVER OLD LID-WINDR 2014-1A CR	1	3,800,000	3.801.170
	Evergreen Basket of Long Fixed Rate	•	<b></b>	, , , , , , , , , , , , , , , , , , , ,	,									, ,	,
57629*DB4	ABS Bank Loans and Corp Bonds	l		10,014,555	12,395,300	02/05/2015	02/05/2045	Interest Rate Swap			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE .	1	10,014,555	12,395,300
12518* NU0	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	?	625,000,000	406,573,531	433,492,095	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	9,539,753	11,598,125	912828-PX-2	US TREAS N/B-NOTE	1	397,033,778	421,893,970
12518* NU0	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	)		234.830.641	263.640.390	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			76116F-AG-2	RECSP PRINCIPAL STRIP	1	234.830.641	263,640,390
	Credit Default Indicies	•		,									'		
12518* NV8	(CDIG527/CDX.NA.IG.27)	?	590,000,000	310,755,022	331,374,430	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	9,210,380	10,948,630	912828-PX-2	US TREAS N/B-NOTE	1	301,544,642	320,425,800
12518* NV8	(CDIG527/CDX.NA.IG.27)	)		299,783,797	336,562,200	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			76116F-AG-2 .	RECSP PRINCIPAL STRIP	1	299,783,797	336,562,200
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	١	500,000,000	27,908,518	29,022,882	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	8, 108, 518	9,278,500	92927K-A*-3	WABCO Holdings Inc Senior Note Ser	2	19,800,000	19,744,382
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	l		36,353,712	36,830.709	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			184692-B0-9	Clearbridge Energy MLP F Senior Secured	1		36,830,709
	Credit Default Indicies			, , , ,								KAYNE ANDERSON MID/ENERGY-SR UNSECD			
12518* NW6	(CDIG527/CDX.NA.IG.27)	l	-	36,450,000	36,452,989	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			48661E-B*-8 .	SER D ETSA Utilities Finance P Gtd Senior	1	36,450,000	36,452,989
12518* NW6	(CD1G527/CDX.NA.1G.27)	l	.	36,000,000	36,720,864	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			Q3629#-AG-8	Note	1	36,000,000	36,720,864
105104 :	Credit Default Indicies			,	,	00 (00 (07 )	10 (00 (555)				004400 -:	Tortoise MLP Fund, Inc. Senior Note	L.		
12518* NW6	(CDIG527/CDX.NA.IG.27)	l		47,000,000	49,076,554	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			89148B-B*-1 _	Ser	1	47,000,000	49,076,554

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

		Replication (Synt	thetic Asset) Tra								of the Repli	cation (Synthetic Asset) Transa			
1	2	3	4	5	6	7	8	Derivative In	strument(s) Open				Instrument(s) Held		
Number	Description	NAIC Designation or Other	Notional	Book/Adjusted Carrying	Fair Value	Effective	Maturity	9	10 Book/Adjusted Carrying	11	12	13	14 NAIC Designation or Other	15 Book/Adjusted Carrying	16
Number	Description Credit Default Indicies	Description	Amount	Value	raii value	Date	Date	Description	Value	Fair Value	CUSIP	Description Yorkshire Water Services Gtd Senior	Description	Value	Fair Value
12518* NW6	(CD1G527/CDX.NA.1G.27)	1		27,300,000	28,388,970	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			G9850@-AB-9	Secu	1	27,300,000	28,388,970
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		28.250.000	28,458,429	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			G8228*-AG-7	Smith & Nephew plc Senior Note Ser	1	28,250,000	28,458,429
	Credit Default Indicies			, , ,				·	<u> </u>			Transpower New Zealand L Gtd Senior			
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		28,000,000	29, 100, 064	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			Q9194@-AF-4	NoteTHAYER PARK CLO LTDTHAYR 2017-1A	1	28,000,000	29, 100, 064
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		10,850,000	10,849,653	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			883310-AC-8	A2 Thayer Park CLO Ltd	1	10,850,000	10,849,653
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		5, 100,000	5 100 000	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			06760B-AJ-1	BABSON CLO LTD-SERIES 17-1A CLASS C BABSON CLO LTD	1	5, 100,000	5, 100,000
	Credit Default Indicies	·			, 100,000		12/20/2021	3 II Greatt belauft Swap Index					1		
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		25,000,000	28,396,400	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			085209-A#-1	BERMUDA GOVT USD SR NT	1	25,000,000	28,396,400
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		21,600,000	22,888,030	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			G2044@-AY-1	Compass Group PLC Senior Note Ser .	1	21,600,000	22,888,030
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	4		11, 126, 171	10 771 170	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			24820R-AA-6	Statoil ASA-SENIOR UNSECURED NOTE	1	11, 126, 171	13,771,178
12518" NWO	Credit Default Indicies	·		11, 120, 1/1	13,771,178	09/20/2016	12/20/2021	5 Yr Gredit Derault Swap Index	·		2482UH-AA-0	Polaris Industries Inc. Senior Note	I		
12518* NW6	(CD1G527/CDX.NA.IG.27)	1		20,000,000	21,361,740	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			731068-A@-1	Ser	1	20,000,000	21,361,740
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		17,550,000	18,490,575	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	L		12656*-AC-6	CSLB Holdings, Inc. Gtd Senior Note	1	17,550,000	18,490,575
105104 1880	Credit Default Indicies				40 405 700	00 (00 (00 40	10 (00 (000)				100504 10 0	CSLB Holdings, Inc. Gtd Senior Note		45 000 000	40 405 700
12518* NW6	(CDIG527/CDX.NA.IG.27) Credit Default Indicies	1		15,800,000		09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	·		12656*-AB-8	Clearbridge Energy MLP TR Fd Inc-	1	15,800,000	16,485,720
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		9,464,993	9,757,158	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			18469Q-A@-7	Senior Secured	1	9,464,993	9,757,158
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		12,015,385	12,208,580	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			48660P-D@-0	KAYNE ANDERSON ENERGY TR FD-SR UNSECD SER K	1	12,015,385	12,208,580
	Credit Default Indicies							·				RREEF America REIT II, I Senior			
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		15,900,000	16,464,450	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			749860-AM-3	Note Ser KAYNE ANDERSON MID/ENERGY-SR UNSECD	1	15,900,000	16,464,450
12518* NW6	(CD1G527/CDX.NA.1G.27)	1		5,355,000	5,542,189	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			48661E-A#-5	SER C	1	5,355,000	5,542,189
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		12,700,000	12 883 045	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			486606-K@-4	KAYNE ANDERSON MLP INVT CO-SR UNSECD SER JJ	1	12,700,000	12,883,045
	Credit Default Indicies							·				Core Laboratories U.S. I Senior			
12518* NW6	(CDIG527/CDX.NA.IG.27) Credit Default Indicies	1		11,500,000	12,068,595	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	·		21867*-AA-6	Note Ser Core Laboratories U.S. I Senior	2	11,500,000	12,068,595
12518* NW6	(CD1G527/CDX.NA.IG.27)	1		11,400,000	12,080,614	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			21867*-AB-4	Note Ser	2	11,400,000	12,080,614
12518* NW6	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	1		10,750,000	11,028,748	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			003009-A@-6	Aberdeen Asia-Pacific In Senior Secured	1		11,028,748
	Credit Default Indicies							·				Waters Corporation Gtd Senior Note	1		
12518* NW6	(CDIG527/CDX.NA.IG.27)	1		12,000,000	12,544,044	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			941848-00-0	Major League Baseball Tr Senior	2	12,000,000	12,544,044
12518* NW6	(CD1G527/CDX.NA.IG.27)	1		8,900,000	9,265,950	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			56081#-AL-4	Note Ser	1	8,900,000	9,265,950
12518* NX4	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	)	450,000,000	331,166,948	352 648 172	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	7, 157, 231		912828-PX-2	US TREASURY N/B Note	1	324,009,717	344,297,522
	Credit Default Indicies	<u> </u>						·	, 101,201			Resolution Funding Corp Principal			
12518* NX4	(CDIG527/CDX.NA.IG.27)	2		73,280,484	82,270,760	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index	· <del> </del>  -		76116F-AG-2	Strip	1	73,280,484	82,270,760
12518* NX4	(CDIG527/CDX.NA.IG.27)	2		87,062,672	113,046,295	09/20/2016	12/20/2021	5 Yr Credit Default Swap Index			912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	87,062,672	113,046,295
12518* NY2	Credit Default Indicies (CDIG527/CDX.NA.IG.27)	)	100.000.000	129.906.972	168.450.240	12/20/2016	12/20/2021	5 Yr Credit Default Swap Index	1.604.087	1.855.700	912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	128,302,885	166,594,540
Filed wth the SVO	Credit Default Indicies		, ,		,								1		
and awaiting RSAT Filed wth the SVO	(CDIG527/CDX.NA.IG.27)	2	50,000,000	64,958,635	84,225,120	12/20/2016	12/20/2021	5 Yr Credit Default Swap Index			912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	64, 151, 442	83,297,270
and awaiting RSAT	(CDIG527/CDX.NA.IG.27)	2	50,000,000	64,957,464	84,225,120	12/20/2016	12/20/2021	5 Yr Credit Default Swap Index	806,022	927 , 850	912810-QK-7	US Treasury 3.875% DUE 8/15/2040	1	64, 151, 442	83,297,270
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											Grupo Aeromexico, S.A.B. De C.V. Floating Rate Senior Secured Term			
and awaiting RSAT	ABS Bank Loans and Corp Bonds	1	125,000,000	19,850,000	21,885,868	12/05/2016	12/05/2046	Interest Rate Swap		1,461,968	MXP001-TT-1	Loan	1	19,850,000	20,423,900
Filed with the SVO	Evergreen Basket of Long Fixed Rate	4		20 440 000	20 004 000	10/05/0010	10 /0E /0040	Interest Data Cur-			78449F-AC-5	SMB PRIVATE ED LN TR 201-SMB	1	00 440 000	00 004 000
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds Evergreen Basket of Long Fixed Rate	I		28,410,000	29,224,986	12/05/2016	12/05/2046	Interest Rate Swap	- [			PRIVATE ED LN TR 2016-A NT NAVIENT STUDENT LOAN TRU-SERIES 16-	I	28,410,000	29,224,986
and awaiting RSAT	ABS Bank Loans and Corp Bonds	1		22,420,000	23, 107, 985	12/05/2016	12/05/2046	Interest Rate Swap	-    -		63940F-AC-1	2 CLASS A3	1	22,420,000	23, 107, 985
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		14,713,064	14.733.028	12/05/2016	12/05/2046	Interest Rate Swap			26827X-AA-1	ECMC GROUP STUDENT LOAN -SERIES 2016-1A CLASS A	1	14,713,064	14,733,028

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

		Replication (Syn	thetic Asset) Tra	ansactions	перисан	Jii (Syritileti	L ASSEL) IIA	nsactions Open as of C I	uneni Statement		of the Real	ication (Synthetic Asset) Trans	actions		
1	2	3	4	5	6	7	8	Derivative	Instrument(s) Open		C. the riepi		Instrument(s) Held		
·	_	NAIC Designation or	·	Book/Adjusted	ŭ			9	10 Book/Adjusted	11	12	13	14 NAIC Designation or	15 Book/Adjusted	16
Number	Description	Other Description	Notional Amount	Carrying Value	Fair Value	Effective Date	Maturity Date	Description	Carrying Value	Fair Value	CUSIP	Description	Other  Description	Carrying Value	Fair Value
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		13,250,000	13,250,133	12/05/2016	12/05/2046	Interest Rate Swap			05618L-AG-1	BABSON CLO LTD-BABSN 2014-IIA BR	1		13,250,133
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		11,500,000	11 509 879	12/05/2016	12/05/2046	Interest Rate Swap			92916M-AB-7	VOYA CLO LTD-VOYA 2017-1A A2	1	11,500,000	11,509,879
Filed wth the SVO	Evergreen Basket of Long Fixed Rate							·							
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		11,000,000	11,000,022	12/05/2016	12/05/2046	Interest Rate Swap			05618L-AF-3	BABSON CLO LTD-BABSN 2014-IIA AR ANCHORAGE CAPITAL CLO LT-ANCHC	1	11,000,000	11,000,022
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		5,100,000	5, 104,845	12/05/2016	12/05/2046	Interest Rate Swap			033290-AN-7	2012-1A A2R Grupo Aeromexico, S.A.B. De C.V.	1	5,100,000	5, 104,845
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											Floating Rate Senior Secured Term			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	125,000,000	10,917,500	12, /22, 1/6	12/05/2016	12/05/2046	Interest Rate Swap		1,489,031	MXP001-TT-1	Loan	1	10,917,500	11,233,145
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		14, 192, 057	14,575,076	12/05/2016	12/05/2046	Interest Rate Swap			78442G-PQ-3	5 CLASS A4	1	14, 192, 057	14,575,076
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		9,045,052	9,364,198	12/05/2016	12/05/2046	Interest Rate Swap			49327H-AG-0	2006-A CLASS 2A4	1	9,045,052	9,364,198
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		10,922,486	11, 110, 789	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BR-1	NELNET STUDENT LOAN TRUS-SERIES 2005-1 CLASS A5	1		11, 110, 789
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		11.897.703	12.303.833	12/05/2016	12/05/2046	Interest Rate Swap			784480-AD-0	SMB PRIVATE EDUCATION LO-SMB 2015-B	1	11,897,703	12,303,833
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											SLM STUDENT LN TR 2006-2 LN BKD NT			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		10,548,537	11,062,676	12/05/2016	12/05/2046	Interest Rate Swap			78442G-RX-6	CL A-6SLM STUDENT LOAN TRUST-SERIES 2002-	1	10,548,537	11,062,676
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		5,703,284	5,749,877	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EX-0	7CLASS A11BRAZOS HIGHER EDUCATION -SER 2006-2	1	5,703,284	5,749,877
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		10,665,088	10,799,992	12/05/2016	12/05/2046	Interest Rate Swap			10620N-AX-6	STUDENT LN REV NT	1	10,665,088	10,799,992
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		9.100.382	9.320.979	12/05/2016	12/05/2046	Interest Rate Swap			64031Q-BX-8	NELNET STUDENT LOAN TRUS-SERIES 2005-2 CLASS A5	1		9.320.979
Filed wth the SVO	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	4		9.670.595		12/05/2016	12/05/2046	Interest Rate Swap			83715R-AF-9	SOUTH CAROLINA STUDENT L-SERIES 14- 1 CLASS A2	4	9.670.595	9,839,300
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	·		, , , , , , , , , , , , , , , , , , , ,				·				ACCESS GROUP INC-SERIES 2003-A	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,	
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		6,862,199	6,969,143	12/05/2016	12/05/2046	Interest Rate Swap			00432C-AV-3	CLASS A3	1	6,862,199	6,969,143
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		5,000,000	5,000,145	12/05/2016	12/05/2046	Interest Rate Swap			88322U-AN-9	THACHER PARK CLO-THRPK 2014-1A CR NELNET STUDENT LOAN TRUS-SERIES	1	5,000,000	5,000,145
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		7,620,552	7,742,568	12/05/2016	12/05/2046	Interest Rate Swap			640315-AF-4	2006-2 CLASS A6	1		7,742,568
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		4.626.289	4.626.289	12/05/2016	12/05/2046	Interest Rate Swap			77277L-A7-2	ROCKALL CLO BV	1	4,626,289	4.626.289
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											Grupo Aeromexico, S.A.B. De C.V. Floating Rate Senior Secured Term			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1	125,000,000	3,970,000	5,219,278	12/05/2016	12/05/2046	Interest Rate Swap		1, 134, 498	MXP001-TT-1	Loan	1	3,970,000	4,084,780
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds	1		65.300.000	66.702.605	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	66.702.605
Filed wth the SVO	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			22.776.635	23.103.029	12/05/2016	12/05/2046	Interest Rate Swap			61205P-AL-3	MONTANA HIGHER EDUCATION-SERIES 12- 1 CLASS A3		22,776,635	23, 103, 029
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	I		, , ,								SLC STUDENT LOAN TRUST-SERIES 2006-	1	, ,	, , ,
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1	<b></b>	17, 173, 432	18,324,027	12/05/2016	12/05/2046	Interest Rate Swap			784419-AF-0	A CLASS B	1	17, 173, 432	18,324,027
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		1,023,438	1,044,978	12/05/2016	12/05/2046	Interest Rate Swap			78442G-EW-2	7 CLASS A10	1		1,044,978
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1,776,959	1,758,551	12/05/2016	12/05/2046	Interest Rate Swap			429827-AK-4	HIGHER EDUCATION FUNDING-SERIES 2004-1 CLASS A10	1	1,776,959	1,758,551
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1.028.470	1.053.530	12/05/2016	12/05/2046	Interest Rate Swap			784419-AE-3	SLC STUDENT LOAN TRUST-SERIES 2006- A CLASS A5	1	1.028.470	1.053.530
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, ,								HIGHER EDUCATION FUNDING-SERIES		, ,	,,
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1, 152, 742	1,162,865	12/05/2016	12/05/2046	Interest Rate Swap			429827-AP-3	2004-1 CLASS A14 HIGHER EDUCATION FUNDING-SERIES			1, 162,865
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	1		1,058,839	1, 119, 059	12/05/2016	12/05/2046	Interest Rate Swap			429827-AB-4	2004-1 CLASS A2SOUTH CAROLINA STUDENT L-SR	1	1,058,839	1,119,059
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	1		1,841,921	1,876,406	12/05/2016	12/05/2046	Interest Rate Swap			83715A-AJ-8	UNSECURED	1		1,876,406
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1,617,261	1,689,010	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	1,617,261	1,689,010
Filed wth the SVO	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1	1		1.661.567	, -,	12/05/2016	12/05/2046	Interest Rate Swap			64033Q-AC-3	NELNET STUDENT LOAN TRUS-SERIES 2015-2A CLASS B	1	1.661.567	1,569,604
anu awanting HoAl	nuo ualik Lualis aliu vorp bonus I	<u> </u>		1,001,00/	1, 509, 604	12/00/2010	12/00/2040	interest hate owap			U4U00U-AU-3	LO IO-CH ULHOO D			400, 600, ا

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statemen						
		Replication (Syn	thetic Asset) Tra			_					of the Rep	lication (Synthetic Asset) Trans			
1	2	3	4	5	6	7	8		nstrument(s) Open				Instrument(s) Held		
								9	10	11	12	13	14	15	16
		NAIC											NAIC		
		Designation or		Book/Adjusted					Book/Adjusted					Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			4 040 000	4 050 400	40 (05 (0040	40 (05 (0040				400500 IT 0	IOWA STUDENT LOAN LIQUID-SERIES		4 040 000	4 050 400
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,849,203	1,850,166	12/05/2016	12/05/2046	Interest Rate Swap			462590-JT-8 .		·	1,849,203	1,850,166
and awaiting RSAT	ABS Bank Loans and Corp Bonds			1.464.170	1,447,336	12/05/2016	12/05/2046	Interest Rate Swap			709163-GJ-2	2006 CL B	1	1,464,170	1,447,336
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	•			,,							CIT EDUCATION LOAN TRUST-SERIES	-	,	,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,326,976	1,411,275	12/05/2016	12/05/2046	Interest Rate Swap			17284L-AB-0 .	_ 2007-1 CLASS B	1	1,326,976	1,411,275
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			4 005 070	4 000 077	10 (05 (00 10	10 (05 (00 10				704400 111 0	SLM STUDENT LOAN TRUST-SERIES 2013-		4 005 070	4 000 077
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,325,673	1,306,077	12/05/2016	12/05/2046	Interest Rate Swap			78448C-AH-2 .	6 CLASS B	1	1,325,673	1,306,077
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											Grupo Aeromexico, S.A.B. De C.V. Floating Rate Senior Secured Term			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1		125.000.000	14.887.500	16 . 455 . 130	12/05/2016	12/05/2046	Interest Rate Swap		1, 137, 205	MXP001-TT-1	Loan	1	14.887.500	15,317,925
Filed wth the SVO	Evergreen Basket of Long Fixed Rate		, ,	, ,	,,					, , ,		SMB PRIVATE ED LN TR 2015-C LN BCK		, ,	, , , , , , , , , , , , , , , , , , , ,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		6,212,818	6,624,361	12/05/2016	12/05/2046	Interest Rate Swap			78448R-AD-8	NT CL A-3	1	6,212,818	6,624,361
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			5.415.714	E 700 007	12/05/2016	10 (05 (0040	Interest Data Cur-			78448P-AD-2	SMB PRIVATE ED LOAN TR 2015-A LN	_	E 44E 744	F 700 007
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			5,415,/14	5,738,907	12/05/2016	12/05/2046	Interest Rate Swap			104401-AU-2.	BACKED NT A-3PANHANDLE-PLAINS TX STUD-SERIES	1	5,415,714	5,738,907
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l	L	4,146,911	4.025.280	12/05/2016	12/05/2046	Interest Rate Swap			69847R-AB-8	2001-1 CLASS A2	1	4, 146, 911	4,025,280
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, , , , , , , , , , , , , , , , , , , ,			,,					COLLEGIATE FUNDING SERVI-SERIES		, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		4,831,308	4,759,659	12/05/2016	12/05/2046	Interest Rate Swap			19458L-BH-2 .	2005-B CLASS A4	1	4,831,308	4,759,659
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			4 004 474	4 000 500	10 (05 (00 10	40 (05 (00 40				704400 40 0	SLM STUDENT LOAN TRUST-SERIES 2011-	_	4 004 474	4 000 500
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,684,174	4,806,539	12/05/2016	12/05/2046	Interest Rate Swap			78446D-AC-3 _	A CLASS A3	1	4,684,174	4,806,539
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			3.756.502	3 785 129	12/05/2016	12/05/2046	Interest Rate Swap			63938E-AD-6	2014-1 CLASS A4	1	3.756.502	3,785,129
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	'				12/ 00/ 2010	12/ 00/ 2010	Titter out that o shap			OCCOOL NO C	ACCESS GROUP INC DEL 2005-1 ASSET	'	,0,700,002	0,700,120
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,423,344	1,425,800	12/05/2016	12/05/2046	Interest Rate Swap			00432C-CF-6	BKD CTF CL A-3	1	1,423,344	1,425,800
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											SOUTH TX HIGHER ED AUTH REV SER 1			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		16,048,664	15,892,388	12/05/2016	12/05/2046	Interest Rate Swap			840555-DA-1 .	CL A-3ACCESS GROUP INC-SERIES 2005-B	1	16,048,664	15,892,388
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			12.512.136	12.576.997	12/05/2016	12/05/2046	Interest Rate Swap			00432C-CW-9	CLASS A3	1	12,512,136	12,576,997
Filed wth the SVO	Evergreen Basket of Long Fixed Rate					12, 00, 20 10	12/ 00/ 20 10 11111	Thron out mater unap			001020 011 0 2	EDUCATIONAL FUNDING OF T-SERIES			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l			10,643,928	12/05/2016	12/05/2046	Interest Rate Swap			28148W-AC-7 .	2011-1 CLASS B	1	9,760,215	10,643,928
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											SLM STUDENT LOAN TRUST-SERIES 07-6			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,088,266	9,508,046	12/05/2016	12/05/2046	Interest Rate Swap			78444C-AE-3 .	CLASS A5SLM STUDENT LOAN TRUST-SERIES 2007-	1	9,088,266	9,508,046
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			8,459,638	9.063.016	12/05/2016	12/05/2046	Interest Rate Swap			78443F-AF-4	5 CLASS A6	1	8,459,638	9,063,016
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	'			2,000,010	12/ 00/ 2010	12/ 00/ 2010	Titter out that o shap			704401 711 4 2	ACADEMIC LOAN FUNDING TR-ALFT 2012-	'	, 100,000	3,000,010
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	١		8,076,797	8,287,101	12/05/2016	12/05/2046	Interest Rate Swap			00400V-AB-3 .	_ 1A A2	1	8,076,797	8,287,101
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											IOWA STUDENT LOAN LIQUID-SERIES			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l			976,862	12/05/2016	12/05/2046	Interest Rate Swap			462592-AD-8 .	2005-1 CLASS B	1	864,621	976,862
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			8.889.930	9.081.167	12/05/2016	12/05/2046	Interest Rate Swap			78442G-QA-7	6 CLASS B	1	8,889,930	9,081,167
Filed wth the SVO	Evergreen Basket of Long Fixed Rate				5,001,107	.2, 55, 2010	.2, 00, 2010					GOAL CAPITAL FUNDING TRU-SERIES			, ۱۵۱ کی۔۔۔۔۔۔
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,622	1,661	12/05/2016	12/05/2046	Interest Rate Swap			38021F-AB-7 .	2015-1 CLASS B	1	1,622	1,661
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			4 040	4 000	10 (05 (00 10	10 (05 (00 10				00400140	EDUCATIONAL SERVICES OF -SERIES 15-			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1,640,926	1,639,311	12/05/2016	12/05/2046	Interest Rate Swap			28138J-AB-0 _	2 CLASS BSLM STUDENT LOAN TRUST 2003-4 LN	1	1,640,926	1,639,311
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			1.442.332	1,453,078	12/05/2016	12/05/2046	Interest Rate Swap			78442G-GM-2	BKD CTF CL B	1	1,442,332	1,453,078
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	•		, , , , , , , , , , , , , , , , , , , ,	, 100,070							EDUCATIONAL SERVICES OF -2014-4			, 1, 100, 070
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,331,501	1,359,101	12/05/2016	12/05/2046	Interest Rate Swap			28090A-AB-5 .	SERIES B	1	1,331,501	1,359,101
Filed wth the SVO	Evergreen Basket of Long Fixed Rate					10 (05 (05 :	10 (05 (05 :5					SOCIAL PROFESSIONAL LOAN-SERIES		,	
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1,014,617	1,029,980	12/05/2016	12/05/2046	Interest Rate Swap			83401L-AA-2 .	. 2015-A CLASS A1	1	1,014,617	1,029,980
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			1, 133, 214	1.113.932	12/05/2016	12/05/2046	Interest Rate Swap			39808F-AE-8	CL B 144A	1	1, 133, 214	1,113,932
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			,			.2, 55, 25-15					KINGSLAND LTD-SERIES 2013-6A CLASS			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		1,809,920	1,751,033	12/05/2016	12/05/2046	Interest Rate Swap			49638W-AE-6	_ C	1	1,809,920	1,751,033
Filed wth the SVO	Evergreen Basket of Long Fixed Rate					40 (05 (05 :	10 (05 (05 :5				740041: :- :	RACE POINT CLO LTD-RACEP 2015-9A B		,	,
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1,007,235	1,000,259	12/05/2016	12/05/2046	Interest Rate Swap			74981H-AE-0 .	EDUCATION LOAN ASSET-BAC-SERIES	1	1,007,235	1,000,259
and awaiting RSAT	ABS Bank Loans and Corp Bonds		125.000.000	7.457.095	6 993 892	12/06/2016	12/06/2046	Interest Rate Swap		(216 233)	281397-AP-4	2003-2 CLASS 2A1	1	7.457.095	7,210,125
and availing non	I DO Dain Louis and our p bonds	·	120,000,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12, 00, 20 10	12,00,2010	Tittoroot nate onap		(210,200)	201001 NI 4 .	Grupo Aeromexico, S.A.B. De C.V.		, , , , , , , , , , , , , , , , ,	
Filed wth the SVO												Floating Rate Senior Secured Term			
and awaiting RSAT _	ABS Bank Loans and Corp Bonds 1			9,925,000	10,211,950	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1	Loan	1	9,925,000	10,211,950

		D!:+! (O			Replicati	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement		-4 H D	:			
1	2	Replication (Syn	tnetic Asset) Tra	ansactions 5	6	7	8	Dorivativa la	nstrument(s) Open	Components	of the Repl	ication (Synthetic Asset) Trans	actions Instrument(s) Held		
'	2	S	4	5	0	/	0	9	10	11	12	13	14	15	16
Number	Description	NAIC Designation or Other Description	Notional Amount	Book/Adjusted Carrying Value	Fair Value	Effective Date	Maturity Date	9 Description	Book/Adjusted Carrying Value	Fair Value	CUSIP	Description	NAIC Designation or Other Description	Book/Adjusted Carrying Value	Fair Value
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			6.174.084	6,200,545	12/06/2016	12/06/2046	Interest Rate Swap			66705R-AA-7	NORTHSTAR EDUCATION FINA-NEF 2016-1	1	6, 174,084	6,200,545
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			0, 174,004		12/00/2010	12/00/2040	Interest hate Swap			00/USh-AA-/	EDUCATION LOAN ASSET-BAC-SERIES	I		
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		6,568,052	6,598,002	12/06/2016	12/06/2046	Interest Rate Swap			281397-AB-5	2003-1 CLASS A2	1	6,568,052	6,598,002
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			5 050 500	5 040 004	10 (00 (00 10	10 (00 (00 10				040040 01/ 5	NELNET STUDENT LOAN TRUS-SERIES		5 050 500	5 040 004
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		5,050,506	5,348,231	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CK-5	2005-4 CLASS A4R1SLM STUDENT LOAN TRUST-SERIES 2006-	1	5,050,506	5,348,231
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l <u></u>		4,689,782	5,047,926	12/06/2016	12/06/2046	Interest Rate Swap			78443G-AG-0	7 CLASS A6B	1	4,689,782	5,047,926
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			4 047 000	4 040 500	10 (00 (00 10	10 (00 (00 10				400000 1 1 5	BRAZOS TX HGR EDU AUTH REVENUE BOND		4 047 000	4 040 500
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,017,936	4,646,509	12/06/2016	12/06/2046	Interest Rate Swap			106238-LJ-5	EDLINC STUDENT LOAN FUND-SERIES	1	4,017,936	4,646,509
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		5,325,932	5,868,877	12/06/2016	12/06/2046	Interest Rate Swap			28108Q-AB-0 _	2012-1 CLASS B	1	5,325,932	5,868,877
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											EDUCATION LOAN ASSET-BAC-SERIES			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		4,320,759	4,229,384	12/06/2016	12/06/2046	Interest Rate Swap			281397-AQ-2	2003-2 CLASS 2A2	1	4,320,759	4,229,384
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		3,614,796	3,745,893	12/06/2016	12/06/2046	Interest Rate Swap			38021E-AA-2	STUDENT LN BKD NT	1	3,614,796	3,745,893
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											NELNET STUDENT LOAN TRUS-SERIES			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		3,628,216	3,928,578	12/06/2016	12/06/2046	Interest Rate Swap			64031Q-CM-1	. 2005-4 CLASS A4R2	1		3,928,578
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		3,692,921	3,787,536	12/06/2016	12/06/2046	Interest Rate Swap			658262-GD-6	2011-2 CLASS A3	1	3,692,921	3,787,536
Filed wth the SVO	Evergreen Basket of Long Fixed Rate							·				SLM STUDENT LOAN TRUST-SERIES 2004-			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		1,864,517	1,924,069	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KW-5	1 CLASS A6SLM STUDENT LN TR 2006-5-NOTE CL B	1	1,864,517	1,924,069
	ABS Bank Loans and Corp Bonds 1	l		14,353,889	15.286.914	12/06/2016	12/06/2046	Interest Rate Swap			83149E-AG-2	SLM STODENT LIN IN 2000-3-NOTE CL B	1	14,353,889	15,286,914
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	-										SLC STUDENT LOAN TRUST-SERIES 2006-			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l		9,646,624	9,766,652	12/06/2016	12/06/2046	Interest Rate Swap			784419-AG-8	. A CLASS C	1		9,766,652
	ABS Bank Loans and Corp Bonds 1	I		7.978.591	8.312.217	12/06/2016	12/06/2046	Interest Rate Swap			23341K-AA-3	2015-D CLASS A1	1	7,978,591	8,312,217
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, , , , , , , , , , , , , , , , , , , ,								NELNET STUDENT LOAN TRUS-SERIES			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l			7,991,097	12/06/2016	12/06/2046	Interest Rate Swap			64031C-AB-8	. 2012-2A CLASS B	1		7,991,097
	ABS Bank Loans and Corp Bonds 1	I		14,775,347	15.130.380	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PS-9	5 CLASS B	1	14,775,347	15, 130, 380
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, ,,								WIND RIVER CLO LTD-SERIES 12-1A			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		3,900,000	3,911,735	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BC-3	CLASS BRGrupo Aeromexico, S.A.B. De C.V.	1	3,900,000	3,911,735
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											Floating Rate Senior Secured Term			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l	125,000,000	10,917,500	11,314,631	12/06/2016	12/06/2046	Interest Rate Swap		81,486	MXP001-TT-1 _	Loan	1	10,917,500	11,233,145
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			9.245.205	0 505 740	12/05/2016	12/05/2046	Interest Rate Swap			83715R-AG-7	SOUTH CAROLINA STUDENT L-SERIES 2014-1 CLASS B		9,245,205	9,595,740
Filed wth the SVO	Evergreen Basket of Long Fixed Rate	l		9,240,200	9,090,740	12/05/2016	12/05/2046	Interest Hate Swap			83/ IDH-AU-/	SLC STUDENT LOAN TRUST-SERIES 2005-	I	9,240,200	9,090,740
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		6,662,629	7,588,896	12/06/2016	12/06/2046	Interest Rate Swap			784420-AE-1	1 CLASS B	1	6,662,629	7,588,896
Filed wth the SVO	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			6.265.073	6.524.555	12/06/2016	12/06/2046	Interest Rate Swap			78442G-QT-6	SLM STUDENT LOAN TRUST-SERIES 2005- 8 CLASS B		6.265.073	6.524.555
and awaiting RSAT Filed wth the SVO	Evergreen Basket of Long Fixed Rate	l				12/00/2010	12/00/2040	IIILETEST MATE SWAP			/0442U-UI-b	SLM STUDENT LOAN TRUST-SERIES 2005-	1		
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		6,072,250	6,389,478	12/06/2016	12/06/2046	Interest Rate Swap			78442G-PD-2	3 CLASS B	1	6,072,250	6,389,478
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			5.300.592	6 006 047	10/06/0016	12/06/2046	Interest Data Cur-			493268-AU-0	KEYCORP STUDENT LOAN TRU-SERIES	1	E 000 E00	0.000.047
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	l	5,300,592	6,096,847	12/06/2016	12/06/2046	Interest Rate Swap			493268-AU-U	1999-B CLASS CTFSSLM STUDENT LOAN TRUST-SERIES 2013-	1	5,300,592	6,096,847
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l	ļ	6,537,632	6,585,587	12/06/2016	12/06/2046	Interest Rate Swap			78446C-AB-7	2 CLASS B	1	6,537,632	6,585,587
Filed wth the SVO	Evergreen Basket of Long Fixed Rate		1	0.055.000	0 407 040	10 (00 (0010	10 (00 (00 10				000005 45 4	NAVIENT STUDENT LOAN TRU-SERIES	_	0.055.000	0 407 040
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	l	6,955,000	6,487,619	12/06/2016	12/06/2046	Interest Rate Swap			63938E-AE-4	. 2014-1 CLASS B	1		6,487,619
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		5,830,038	5,412,339	12/06/2016	12/06/2046	Interest Rate Swap			64031A-AJ-5	2006-3 CLASS B	1	5,830,038	5,412,339
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			0.077.0:0	2 222 5=:	40 (00 (00 10	10 (00 (00 10				000001 10 4	NAVIENT STUDENT LOAN TRU-SERIES	_	0.077.015	2 222 5=:
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	·	6,077,049	6,233,274	12/06/2016	12/06/2046	Interest Rate Swap			63939L-AC-1	2015-3 CLASS BSLM STUDENT LOAN TRUST-SERIES 2013-	1	6,077,049	6,233,274
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	l		6,477,603	6,463,548	12/06/2016	12/06/2046	Interest Rate Swap			78447M-AD-0	1 CLASS B	1	6,477,603	6,463,548
Filed wth the SVO	Evergreen Basket of Long Fixed Rate		1									NELNET STUDENT LOAN TRUS-SERIES			
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate	l	}	5,287,753	5, 141, 925	12/06/2016	12/06/2046	Interest Rate Swap			64033J-AB-1	2014-1A CLASS BCOLLEGE LOAN CORPORATION-SERIES	1		5, 141, 925
	ABS Bank Loans and Corp Bonds 1	l		4,283,720	4,399,034	12/06/2016	12/06/2046	Interest Rate Swap			194266-AE-2	2005-2 CLASS B	1	4,283,720	4,399,034
	Evergreen Basket of Long Fixed Rate											NELNET STUDENT LOAN TRUS-SERIES			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1	١	L	4,413,625	4, 130, 212	12/06/2016	12/06/2046	Interest Rate Swap	L l		64033N-AB-2	2014-5A CLASS B	1	4,413,625	4, 130, 212

		D !' '' (O '			Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	irrent Statement		(    D	' '' (O II I' A I) T			
-	2	Replication (Synt	netic Asset) Tra	insactions 5		7	8	Deviseative In	activismont/a) On an		of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8		nstrument(s) Open		40		Instrument(s) Held	45	40
		NAIC						9	10	11	12	13	14	15	16
				De ele/Aelicete el					D 1/A !!				NAIC	D 1/4 " 1 1	
		Designation or	N1 11 1	Book/Adjusted		- · ·			Book/Adjusted				Designation or	Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											COLLEGE LOAN CORPORATION-SERIES			
	ABS Bank Loans and Corp Bonds 1			3,579,853	3,704,211	12/06/2016	12/06/2046	Interest Rate Swap			194262-CF-6	2004-1 CLASS B	1	3,579,853	3,704,211
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			3.096.473	3,224,147	12/06/2016	12/06/2046	Interest Rate Swap			78442G-LJ-3	- 3 CLASS B	1	3,096,473	3,224,147
	Evergreen Basket of Long Fixed Rate					12/00/2010	12/00/2040	Titterest nate Swap			70442U-LU-3	NELNET STUDENT LOAN TRUS-SERIES	'		
	ABS Bank Loans and Corp Bonds 1			3,650,000	3, 160, 655	12/06/2016	12/06/2046	Interest Rate Swap			64032A-AB-1	2012-1A CLASS B	1	3,650,000	3, 160, 655
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,							NELNET STUDENT LOAN TRUS-SERIES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			2,967,856	3,246,142	12/06/2016	12/06/2046	Interest Rate Swap			64032F-AH-7	2007-2A CLASS A4A2	1	2,967,856	3,246,142
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											NELNET STUDENT LOAN TRUS-SERIES			
	ABS Bank Loans and Corp Bonds 1			3, 129, 216	2,905,632	12/06/2016	12/06/2046	Interest Rate Swap			64033L-AD-2	2014-2A CLASS B	1	3, 129, 216	2,905,632
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			0.040.000	0 000 505	40 (00 (0040	40 /00 /00 40	1.1. 1.0.1.0			64033K-AB-8	NELNET STUDENT LOAN TRUS-SERIES		0.040.000	0 000 505
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,240,000	2,836,525	12/06/2016	12/06/2046	Interest Rate Swap			04033N-AB-8	2014-3A CLASS B	1	3,240,000	2,836,525
	ABS Bank Loans and Corp Bonds 1			14,400,000	14.399.827	12/06/2016	12/06/2046	Interest Rate Swap			04015B-AL-4	ARES CLO LTD-ARES 2014-31A A2R	1	14,400,000	14,399,827
	Evergreen Basket of Long Fixed Rate					, 00, 20 10	, 00, 20 10 11111					The state of the s			.,,000,021
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			2,500,000	2,515,900	12/06/2016	12/06/2046	Interest Rate Swap			94949L-AE-0	WELLFLEET CLO LTD-WELF 2016-2A B	1	2,500,000	2,515,900
	Evergreen Basket of Long Fixed Rate											ATRIUM CDO CORP-SERIES 8A CLASS BR			
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1		125,000,000	8,900,000		12/06/2016	12/06/2046	Interest Rate Swap		(310,962)	04964H-AN-8		1	8,900,000	8,945,746
5.1 1 11 11 010	5											Grupo Aeromexico, S.A.B. De C.V.			
	Evergreen Basket of Long Fixed Rate			3.970.000	4 004 700	12/05/2016	12/05/2046	Interest Rate Swap			MXP001-TT-1	Floating Rate Senior Secured Term		3,970,000	4,084,780
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			3,970,000	4,084,780	12/03/2010	12/05/2040	Interest Hate Swap			MXP001-11-1	Loan TICP CLO LTD-SERIES 2016-6A CLASS B	l	3,970,000	4,084,780
	ABS Bank Loans and Corp Bonds 1			8,900,000	8.948.469	12/06/2016	12/06/2046	Interest Rate Swap			87246M-AB-8	THE OLD LID-SENTES 2010-04 CLASS B	1	8,900,000	8,948,469
	Evergreen Basket of Long Fixed Rate					12/ 00/ 2010	12/ 00/ 2010	Titter out thate on ap			07240M 715 0 1.	ATLAS SENIOR LOAN FUND L-ATCLO	'		
	ABS Bank Loans and Corp Bonds 1			8,850,000	8,898,985	12/06/2016	12/06/2046	Interest Rate Swap			04941T-AE-0	2016-7A B1	1	8,850,000	8,898,985
	Evergreen Basket of Long Fixed Rate							·				CARLYLE GLOBAL MARKET ST-SERIES			
	ABS Bank Loans and Corp Bonds 1			8,850,000		12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AQ-7	2012-4A CLASS BR	1	8,850,000	8,876,931
	Evergreen Basket of Long Fixed Rate			0.050.000	0.050.407	10 100 100 10	10 (00 (00 10				207247 11.0	APIDOS CLO-SERIES 2014-17A CLASS		0.050.000	0.050.407
	ABS Bank Loans and Corp Bonds 1			8,850,000	8,850,487	12/06/2016	12/06/2046	Interest Rate Swap			03764X-AJ-6	A2R	1	8,850,000	8,850,487
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			7.500.000	7.522.560	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AC-9	BARINGS CLO LTD-BABSN 2016-3A A2	1		7,522,560
	Evergreen Basket of Long Fixed Rate			, ,500,000		12/00/2010	12/00/2040	Tillerest hate Swap			00/391-AC-9	SEVEN STICKS CLO LTD-SR SECD NT CL	1		
	ABS Bank Loans and Corp Bonds 1			7,370,000	7,415,112	12/06/2016	12/06/2046	Interest Rate Swap			81789G-AC-5	A-2 144A	1	7,370,000	7,415,112
Filed wth the SVO	Evergreen Basket of Long Fixed Rate							·				NEUBERGER BERMAN CLO XVI-SR SECD NT			
	ABS Bank Loans and Corp Bonds 1			13,621,115	13,302,221	12/06/2016	12/06/2046	Interest Rate Swap			64129X-AG-4	CL B-1 NEUBERGER BERMAN CLO LTD	1	13,621,115	13,302,221
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			0 004 400	0 004 074	10 100 100 10	10 (00 (00 10				201005 111 1	ALM VI LTD-SR SECURED NOTE CLASS		0 004 400	0 004 074
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,001,428	2,001,674	12/06/2016	12/06/2046	Interest Rate Swap			00163E-AM-4	A2R	1	2,001,428	2,001,674
	ABS Bank Loans and Corp Bonds 1			2.513.540	2,500,923	12/06/2016	12/06/2046	Interest Rate Swap			04015G-AC-3	ARES CLO LTD-SERIES 15-2A CLASS B .	1	2,513,540	2,500,923
	Evergreen Basket of Long Fixed Rate			2,010,040		12/00/2010	12/00/2040	Titterest nate orap			040130 AC 0	SLM STUDENT LOAN TRUST-SERIES 2013-	·		
	ABS Bank Loans and Corp Bonds 1			3,200,000	3,040,477	12/06/2016	12/06/2046	Interest Rate Swap			78448A-AD-5	4 CLASS B	2	3,200,000	3,040,477
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											MARINE PARK CLO LTD-SR SECD DEF NT			
	ABS Bank Loans and Corp Bonds 1			2,001,433	2,004,032	12/06/2016	12/06/2046	Interest Rate Swap			568416-BD-2	CL B-R 144A	1	2,001,433	2,004,032
	Evergreen Basket of Long Fixed Rate					10 100 100 10	10 (00 (00 10	l				ACCESS GROUP INC-SERIES 2006-1		0 004 5:-	
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,001,942	2,241,483	12/06/2016	12/06/2046	Interest Rate Swap			00432C-DE-8	CLASS B	l	2,001,942	2,241,483
	ABS Bank Loans and Corp Bonds 1			2.446.700	2,466,593	12/06/2016	12/06/2046	Interest Rate Swap			78442G-KN-5	14 CLASS A6	1	2,446,700	2,466,593
	Evergreen Basket of Long Fixed Rate			∠,440,700	2,400,393	12/00/2010	12/00/2040	mitorest nate owap			C-VIA-D2440	KEYCORP STUDENT LOAN TRU-SERIES	1	∠,440,700	∠,400,393
	ABS Bank Loans and Corp Bonds 1			2,002,510	1,958,609	12/06/2016	12/06/2046	Interest Rate Swap			493268-BW-5	2004-A CLASS 1B	1	2,002,510	1,958,609
Filed wth the SVO	Evergreen Basket of Long Fixed Rate							·				HIGHER EDUCATION FUNDING-SERIES			
	ABS Bank Loans and Corp Bonds 1			1,960,219	2, 129, 084	12/06/2016	12/06/2046	Interest Rate Swap			429827-AR-9	. 2004-1 CLASS B1	1	1,960,219	2, 129, 084
Filed wth the SVO	Evergreen Basket of Long Fixed Rate					10 100 105 15	10 100 105 :-	l			400007 :- 7	HIGHER EDUCATION FUNDING-SERIES			
	ABS Bank Loans and Corp Bonds 1			1,991,540	2, 125,816	12/06/2016	12/06/2046	Interest Rate Swap			429827-AS-7	2004-1 CLASS B2	1	1,991,540	2, 125, 816
Filed wth the SVO	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			1.906.702	1.945.557	12/06/2016	12/06/2046	Interest Rate Swap			64033T-AB-9	NELNET STUDENT LOAN TRUS-SERIES 2015-3A CLASS B	1	1,906,702	1,945,557
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,906,702	1,945,55/	12/00/2016	12/00/2040	interest hate owap			040331-AB-9	COLLEGIATE FUNDING SERVI-SERIES	1	1,906,702	1,945,55/
	ABS Bank Loans and Corp Bonds 1			1,798,497	1,772,463	12/06/2016	12/06/2046	Interest Rate Swap			19458L-BD-1	2005-A CLASS B	1	1,798,497	1,772,463
	Evergreen Basket of Long Fixed Rate			1,700,407	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.2, 00, 2010	.2, 00, 2010					ACCESS GROUP INC-SERIES 2015-1	•	1,700,707	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			1,848,478	1,946,779	12/06/2016	12/06/2046	Interest Rate Swap			00435T-AB-7	CLASS B	1	1,848,478	1,946,779
Filed wth the SVO	Evergreen Basket of Long Fixed Rate							·				SLM STUDENT LOAN TRUST-SERIES 2006-			
	ABS Bank Loans and Corp Bonds 1			3, 109, 273	3, 112, 341	12/06/2016	12/06/2046	Interest Rate Swap			78442G-RY-4	2 CLASS B	1	3, 109, 273	3, 112, 341
	Evergreen Basket of Long Fixed Rate				0 444 ====	10 100 100 10	10 (00 (00 10	l			404007 111 -	COLLEGE LOAN CORPORATION-SERIES		0 440	
and awaiting HSAT	ABS Bank Loans and Corp Bonds 1	l		3, 118, 433		12/06/2016	12/06/2046	Interest Rate Swap			194267-AM-2	2007-1 CLASS B2	1	3, 118, 433	3, 141,788

					Replication	on (Syntheti	c Asset) Tra	nsactions Open as of Cu	urrent Statement						
Replication (Synthetic Asset) Transactions								Danis ation to			of the Repl	ication (Synthetic Asset) Trans			
1	2	3	4	5	6	/	8	Derivative Ir	nstrument(s) Open		40		Instrument(s) Held	1 45 1	40
		NAIC Designation or Other	Notional	Book/Adjusted Carrying	<b>5</b> : W.I	Effective	Maturity	, and the second	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 ABS Bank Loans and Corp Bonds 1			2.940.715	2.656.941	12/06/2016	12/06/2046	Interest Rate Swap			92978J-AH-6	WACHOVIA STUDENT LOAN TR-SERIES 2006-1 CLASS B	1	2.940.715	2,656,941
	Evergreen Basket of Long Fixed Rate				£,000,041	12/ 00/ 2010	12/00/2010	Interest nate suap			020700 781 0	SOUTH CAROLINA STUDENT L-SERIES 15-	'	Σ,040,710	£,000,041
	ABS Bank Loans and Corp Bonds 1			2,523,208	2,663,817	12/06/2016	12/06/2046	Interest Rate Swap			83715R-AH-5	A CLASS A	1	2,523,208	2,663,817
	Evergreen Basket of Long Fixed Rate			2,449,494	0 400 000	12/06/2016	12/06/2046				28137T-AB-9	EDUCATIONAL SERVICES OF -SERIES 2014-2 CLASS B	_	2,449,494	2,408,993
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,449,494	2,408,993	12/06/2016	12/06/2046	Interest Rate Swap			2813/1-AB-9	SLM STUDENT LOAN TRUST-SERIES 2006-	I	2,449,494	2,408,993
	ABS Bank Loans and Corp Bonds 1			2,149,285	2,245,057	12/06/2016	12/06/2046	Interest Rate Swap			78443B-AK-2	10 CLASS B	1	2,149,285	2,245,057
	Evergreen Basket of Long Fixed Rate											PENNSYLVANIA HIGHER EDUC-SERIES			
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			2,361,239	2,277,889	12/06/2016	12/06/2046	Interest Rate Swap			69340Q-AB-2	2015-1A CLASS BEDUCATIONAL SERVICES OF -SERIES	1	2,361,239	2,277,889
	ABS Bank Loans and Corp Bonds 1			2,128,594	2,231,838	12/06/2016	12/06/2046	Interest Rate Swap			281378-AB-5	2015-1 CLASS B	1	2,128,594	2,231,838
	Evergreen Basket of Long Fixed Rate											ACCESS GROUP-STUDENT LN REVENUE NT			
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			1,990,349	2, 122, 441	12/06/2016	12/06/2046	Interest Rate Swap			00432C-AR-2	NAVIENT STUDENT LOAN TRUST 2014-8	1	1,990,349	2, 122, 441
	ABS Bank Loans and Corp Bonds 1			2.211.858	2.204.906	12/06/2016	12/06/2046	Interest Rate Swap			63939D-AD-7	CL B	1	2,211,858	2,204,906
	Evergreen Basket of Long Fixed Rate											BLUEMOUNTAIN CLO 2014-1 LTD SR SEC			
	ABS Bank Loans and Corp Bonds 1		125,000,000	3,952,710	3,716,375	12/06/2016	12/06/2046	Interest Rate Swap		(305,549)	09627L-AJ-6	DEF NT CL D	2	3,952,710	4,021,924
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			3.967.052	4.016.316	12/06/2016	12/06/2046	Interest Rate Swap			87165V-AE-9	SYMPHONY CLO LTD-SYMP 2015-16A D	2	3,967,052	4,016,316
	Evergreen Basket of Long Fixed Rate					12/ 00/ 2010	12/00/2010	The cot hate shap				MAGNETITE CLO LTD-MAGNE 2015-15A D			
	ABS Bank Loans and Corp Bonds 1			2,750,000	2,759,980	12/06/2016	12/06/2046	Interest Rate Swap			55953M-AG-7		2	2,750,000	2,759,980
Filed wth the SVO and awaiting RSAT	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds			2.784.598	2.759.325	12/06/2016	12/06/2046	Interest Rate Swap			50188G-AN-3	LCM XVIII LTD PARTNERSHIP-DEF MEZZ NT CL D 144A	0	2,784,598	2,759,325
	Evergreen Basket of Long Fixed Rate			2,704,390	2,739,323	12/00/2010	12/00/2040	Interest hate swap			30 1000-AN-3	FLATIRON CLO 2007-1 LTD DEF MEZZ	٥	2,704,390	2,739,323
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			1, 184, 943	2, 105, 216	12/06/2016	12/06/2046	Interest Rate Swap			33882B-AE-9	TERM NOTE CL D	1	1, 184, 943	2, 105, 216
	Evergreen Basket of Long Fixed Rate			40 500 000	10 550 500	10 100 100 10	10 100 100 10				40.4001/ 40.7	HIGHBRIDGE LOAN MANAGEME-HLM 11A-17		40 500 000	40 550 500
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			13,560,000	13,559,566	12/06/2016	12/06/2046	Interest Rate Swap			40436V-AB-7	B HPS Loan Management 11-2017 Ltd TCI-FLATIRON CLO LTD-TFLAT 2016-1A	1	13,560,000	13,559,566
	ABS Bank Loans and Corp Bonds 1			2,014,126	2,025,568	12/06/2016	12/06/2046	Interest Rate Swap			87230A-AD-8	D	3	2,014,126	2,025,568
	Evergreen Basket of Long Fixed Rate														
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			8,200,000	8,220,869	12/06/2016	12/06/2046	Interest Rate Swap			04964H-AQ-1	ATRIUM VIII-DEF NT CL C-R	1	8,200,000	8,220,869
	ABS Bank Loans and Corp Bonds 1			7,516,250	7 , 525 , 187	12/06/2016	12/06/2046	Interest Rate Swap			06759Y-AE-5	BARINGS CLO LTD-BABSN 2016-3A B	1	7,516,250	7 , 525 , 187
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											DRYDEN SENIOR LOAN FUND-SERIES 13-			
and awaiting RSAT Filed wth the SVO	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			7,005,380	7,003,360	12/06/2016	12/06/2046	Interest Rate Swap			26251B-AD-8	28A CLASS A3L	1	7,005,380	7,003,360
	ABS Bank Loans and Corp Bonds 1			6.750.136	6.780.373	12/06/2016	12/06/2046	Interest Rate Swap			87244A-BE-9	WIND RIVER OLD LID-WINDR 2012-1A CR	1	6.750.136	6,780,373
Filed wth the SVO	Evergreen Basket of Long Fixed Rate				, ,							CARLYLE GLOBAL MARKET ST-SERIES		, , , ,	
	ABS Bank Loans and Corp Bonds 1			6,700,000	6,730,425	12/06/2016	12/06/2046	Interest Rate Swap			14309Y-AY-0	2012–4A CLASS C1R	1	6,700,000	6,730,425
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			6.585.000	6,645,226	12/06/2016	12/06/2046	Interest Rate Swap			88433A-AE-9	THL CR WIND RIV 2016-1 CLO-SR SECD NT CL C 144A	1	6,585,000	6,645,226
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, , , ,								ALM LOAN FUNDING-SERIES ALM 2013-			
	ABS Bank Loans and Corp Bonds 1			5,000,000	5,050,220	12/06/2016	12/06/2046	Interest Rate Swap			00164B-AU-1	7R2A CLASS BR	1	5,000,000	5,050,220
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			5.000.000	5.029.830	12/06/2016	12/06/2046	Interest Rate Swap			03328W-AE-8	ANCHORAGE CAPITAL CLO LT-ANCHC 2016-9A C	1	5,000,000	5,029,830
	Evergreen Basket of Long Fixed Rate					12/00/2010	12/00/2040	mitorest nate swap				BLUEMOUNTAIN CLO LTD-SERIES 2014-4A	1	,000,000	
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			5,000,000	5,004,945	12/06/2016	12/06/2046	Interest Rate Swap			09627V-AW-5	CLASS CR	1	5,000,000	5,004,945
	Evergreen Basket of Long Fixed Rate			4.742.765	4.763.029	12/06/2016	12/06/2046	Interest Data Cur-			55820N-AE-1	MADISON PARK FUNDING LTD-MDPK 2016- 24A C1	1	4.742.765	4,763,029
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate			4,742,765	4,703,029	12/00/2010	12/00/2040	Interest Rate Swap			DUBZUN-AE-I	. KAN 01	1	4,742,765	4,703,029
and awaiting RSAT	ABS Bank Loans and Corp Bonds 1			6, 100,000	6, 100, 049	12/06/2016	12/06/2046	Interest Rate Swap			05617Y-AU-3	BABSON CLO LTD-BABSN 2013-IIA BR	1	6,100,000	6, 100, 049
	Evergreen Basket of Long Fixed Rate			4 540 555		10 (00 (0010	10 (00 (00 10				000447 15 5	DRYDEN 42 SR LN FD-SR SEC DEF NT CL			
	ABS Bank Loans and Corp Bonds 1 Evergreen Basket of Long Fixed Rate		<del> </del>	4,519,807	4,557,164	12/06/2016	12/06/2046	Interest Rate Swap			26244Y-AE-6	COHA LOAN FUNDING LTD-SERIES 2012-1A	1	4,519,807	4,557,164
	ABS Bank Loans and Corp Bonds 1			4,500,000	4.523.895	12/06/2016	12/06/2046	Interest Rate Swap			67091H-AP-6	CLASS CR	1	4,500,000	4.523.895
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, ,								WIND RIVER CLO LTD-WINDR 2015-2A C		, ,	,
	ABS Bank Loans and Corp Bonds 1		<b>}</b>	4,446,138	4,423,606	12/06/2016	12/06/2046	Interest Rate Swap			88432G-AE-7		1	4,446,138	4,423,606
	Evergreen Basket of Long Fixed Rate ABS Bank Loans and Corp Bonds 1			4.375.000	4 407 576	12/06/2016	12/06/2046	Interest Rate Swap			48251B-AE-0	KKR FINANCIAL CLO LTD-KKR 16 B1	1	4,375,000	4,407,576
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			, , ,									1		
	ABS Bank Loans and Corp Bonds 1			4,200,000	4,221,185	12/06/2016	12/06/2046	Interest Rate Swap			03763Y-AS-5	APIDOS CLO-SERIES 12-11A CLASS CR _	1	4,200,000	4,221,185

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

		,	Components of the Replication (Synthetic Asset) Transactions												
1	2	3	4	5	6	7	8	Derivative Instrument(s) Open Cash Instrument(s) Held							
								9	10	11	12	13	14	15	16
		NAIC											NAIC		
		Designation or		Book/Adjusted					Book/Adjusted				Designation or	Book/Adjusted	
		Other	Notional	Carrying		Effective	Maturity		Carrying				Other	Carrying	
Number	Description	Description	Amount	Value	Fair Value	Date	Date	Description	Value	Fair Value	CUSIP	Description	Description	Value	Fair Value
Filed wth the SVO	Evergreen Basket of Long Fixed Rate			1 0.00		- 511.5		2000	7 4.40	ran range	000	APIDOS CLO-SERIES 2015-20A CLASS BR	200011011	7 4.40	· an value
	ABS Bank Loans and Corp Bonds	1		4.000.000	4.003.896	12/06/2016	12/06/2046	Interest Rate Swap			03765L-AL-6	74 1500 020 021120 2010 2011 021100 BH	1	4.000.000	4.003.896
Filed wth the SVO	Evergreen Basket of Long Fixed Rate				,,							BLUEMOUNTAIN CLO LTD-BLUEM 2012-2A		,,	,,
and awaiting RSAT	ABS Bank Loans and Corp Bonds	1		4,000,000	4,029,412	12/06/2016	12/06/2046	Interest Rate Swap			09626R-AS-4	CR	1	4,000,000	4,029,412
Filed wth the SVO	Evergreen Basket of Long Fixed Rate											ATLAS SENIOR LOAN FUND L-SERIES			
and awaiting RSAT	ABS Bank Loans and Corp Bonds	1		2,791,602		12/06/2016	. 12/06/2046	Interest Rate Swap				2013-1A CLASS C	1		2,735,577
In Progress	Inverse JPY Long Term Bond	1	50,000,000	59,266,731	62,928,278	03/24/2017	. 03/28/2019	Currency Forward		992,318	912828-KQ-2	US TREASURY 3.125% TO 5/15/2019	1	59,266,731	61,935,960
												UNITED STATES TREASURY 3.00% DUE			
In Progress	Sovereign Bond of Peru	2	5,000,000			03/20/2017		5 Yr Credit Default Swap	(14,952)		912810-RP-5	11/15/45	1		10,299,610
In Progress	Sovereign Bond of Mexico	2	15,000,000			03/20/2017		5 Yr Credit Default Swap	(239, 197)	(90,566)	912833-LL-2	US TREASURY DUE 2/15/2023	1		31, 176,845
In Progress	Sovereign Bond of Panama	2	10,000,000	13,810,715		03/20/2017		5 Yr Credit Default Swap	(109,758)		912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1		16,316,805
In Progress	Inverse JPY Long Term Bond	1	50,000,000				04/01/2019	Currency Forward			912833-LN-8	US TREASURY	1	59,769,831	70,823,840
In Progress	Sovereign Bond of India	3	10,000,000			03/20/2017	. 06/20/2022	5 Yr Credit Default Swap	(131,399)	(80,391)		US TREASURY 1.375% DUE 2/15/2044	1	13,920,473	16,316,805
In Progress	Sovereign Bond of Brazil	3	10,000,000			03/20/2017	. 06/20/2022	5 Yr Credit Default Swap	(596,700)		912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1		16,316,805
In Progress	Sovereign Bond of India	1	5,000,000			03/20/2017	. 06/20/2022	5 Yr Credit Default Swap	(82,899)		912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1		6,526,722
In Progress	Sovereign Bond of Columbia	1	5,000,000			03/20/2017	. 06/20/2022	5 Yr Credit Default Swap	(76,020)		912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1		6,526,722
In Progress	Sovereign Bond of Brazil	1	10,000,000			03/20/2017	. 06/20/2022	5 Yr Credit Default Swap	(659,724)		912810-RF-7	US TREASURY 1.375% DUE 2/15/2044	1		11,965,657
In Progress	Inverse JPY Long Term Bond	1	50,000,000		52,714,059		. 04/15/2019	Currency Forward			912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1		51,229,092
In Progress	Inverse JPY Long Term Bond	1	50,000,000		51,847,813		. 05/08/2019	Currency Forward		618,721		US TREASURY 1.625% DUE 3/30/2019	1	50,853,767	51,229,092
In Progress	Inverse JPY Long Term Bond	1	75,000,000			05/02/2017	. 05/09/2019	Currency Forward			912828-06-5	US TREASURY 1.625% DUE 3/30/2019	1		76,341,392
In Progress	Inverse JPY Long Term Bond	]	90,000,000		91,992,492		05/09/2019	Currency Forward			912828-06-5	US TREASURY 1.625% DUE 3/30/2019	]	90,739,074	91,408,772
In Progress	Inverse JPY Long Term Bond	]	50,000,000	50,853,767		05/10/2017	. 05/13/2019	Currency Forward	- }	(348, 113)	912828-06-5	US TREASURY 1.625% DUE 3/30/2019	]	50,853,767	51,229,092
In Progress	Inverse JPY Long Term Bond	I	50,000,000	50,853,767	50,872,362		. 05/15/2019	Currency Forward		(356,730)	912828-06-5	US TREASURY 1.625% DUE 3/30/2019 US TREASURY 1.625% DUE 3/30/2019		50,853,767	51,229,092 26,116,792
In Progress	Inverse JPY Long Term Bond	1	25,000,000 25,000,000	25,925,450 25,925,450		05/16/2017 05/17/2017	. 05/20/2019 05/20/2019	Currency Forward		252,693	912828-C6-5 912828-C6-5	US TREASURY 1.625% DUE 3/30/2019	1		26, 116, 792
In Progress	Inverse JPY Long Term Bond	1	25,000,000			05/17/2017	. 05/20/2019	Currency Forward	-	400 .487		US TREASURY 1.625% DUE 3/30/2019	1		26, 116, 792
In Progress		I	25,000,000										\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
9999999 - Tota	ais			12, 174, 619, 103	13,069,063,447	XXX	XXX	XXX	35,521,716	633,599,517	XXX	XXX	XXX	12, 139, 097, 387	12,435,463,930

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

Replication (Synthetic Asset) Transactions Open

				•						1
	Eirat (	Quarter	Second	Quarter	Third	Quarter	Fourth	Quarter	Voor T	o Date
	FIISL		Second	Quarter		Quarter	Fourti	Quarter		
	1	2	3	4	5	6	7	8	9	10
		Total Replication		Total Replication		Total Replication		Total Replication		Total Replication
	Number	(Synthetic Asset)	Number	(Synthetic Asset)	Number	(Synthetic Asset)	Number	(Synthetic Asset)	Number	(Synthetic Asset)
	of	Transactions	of	Transactions	of	Transactions	of	Transactions	of	Transactions
	Positions	Statement Value	Positions	Statement Value	Positions	Statement Value	Positions	Statement Value	Positions	Statement Value
	1 03110113	Statement value	1 031110113	Otatement value	1 03110113	Otatement value	1 03110113	Ctatement value	1 03110113	Statement value
Beginning Inventory	88	10,739,000,000	95	10,889,000,000					88	10,739,000,000
		, , ,		, , ,						, ,
Add: Opened or Acquired Transactions	L7	150,000,000	19	2,825,000,000					26	2,975,000,000
·										
Add: Increases in Replication (Synthetic Asset)										
Transactions Statement Value	XXX		XXX		XXX		XXX		XXX	
Less: Closed or Disposed of Transactions										
<ol><li>Less: Positions Disposed of for Failing Effectiveness</li></ol>			_						_	
Criteria			7	2,365,000,000					7	2,365,000,000
Less: Decreases in Replication (Synthetic Asset)										
Transactions Statement Value	XXX		XXX		XXX		XXX		XXX	
	<u> </u>									
	0.5	10,000,000,000	407	11 010 000 000					407	44 040 000 000
7. Ending Inventory	95	10,889,000,000	107	11,349,000,000					107	11,349,000,000

#### **SCHEDULE DB - VERIFICATION**

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

		Book/Adjusted Carrying	ng Value Check
1.	Part A, Section 1, Column 14	3,317,882,457	
2.	Part B, Section 1, Column 15 plus Part B, Section 1 Footnote - Total Ending Cash Balance		
3.	Total (Line 1 plus Line 2)		3,317,882,457
4.	Part D, Section 1, Column 5	9,380,841,904	
5.	Part D, Section 1, Column 6	(6,062,959,447)	
6.	Total (Line 3 minus Line 4 minus Line 5)	·····	
		Fair Value C	Check
7.	Part A, Section 1, Column 16	3,915,960,351	
8.	Part B, Section 1, Column 13		
9.	Total (Line 7 plus Line 8)		3,915,960,351
10.	Part D, Section 1, Column 8	10,008,758,914	
11.	Part D, Section 1, Column 9	(6,092,798,563)	
12	Total (Line 9 minus Line 10 minus Line 11)	<u></u>	
		Potential Exposu	ıre Check
13.	Part A, Section 1, Column 21	5,368,077,461	
14.	Part B, Section 1, Column 20	101,456,900	
15.	Part D, Section 1, Column 11	5,469,534,361	
16.	Total (Line 13 plus Line 14 minus Line 15)		

#### **SCHEDULE E - VERIFICATION**

(Cash Equivalents)

	(Odon Equivalents)	1	2
		Year To Date	Prior Year Ended December 31
1.	Book/adjusted carrying value, December 31 of prior year	3, 113, 185, 611	2,706,693,131
2.	Cost of cash equivalents acquired	41,149,967,882	94,374,151,148
3.	Accrual of discount	15 , 555 , 173	22,360,462
4.	Unrealized valuation increase (decrease)		
5.	Total gain (loss) on disposals	22,479	60,907
6.	Deduct consideration received on disposals	43,342,686,174	93,990,074,259
7.	Deduct amortization of premium		5,778
8.	Total foreign exchange change in book/adjusted carrying value		
9.	Deduct current year's other than temporary impairment recognized		
10.	Book/adjusted carrying value at end of current period (Lines 1+2+3+4+5-6-7+8-9)	936,044,971	3,113,185,611
11.	Deduct total nonadmitted amounts		
12.	Statement value at end of current period (Line 10 minus Line 11)	936,044,971	3,113,185,611