

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 13F

FORM 13F INFORMATION TABLE

OMB APPROVAL	
OMB Number:	3235-0006
Expires:	Oct 31, 2018
Estimated average burden hours per response:	23.8

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE (x\$1000)	SHRS OR PRN	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	SOLE	SHARED	NONE	VOTING AUTHORITY
AAON INC	COM PAR \$0.004	000360206	3,977	66,013	SH		DFND	1,2,3,4	57,323	0	8,690
AAR CORP	COM	000361105	55,663	2,960,780	SH		DFND	1,2,3,4	2,473,898	0	486,882
ACCO BRANDS CORP	COM	00081T108	720	124,118	SH		DFND	1,2,3,4	124,024	0	94
ADMA BIOLOGICS INC	COM	000899104	259	108,500	SH		DFND	1,2,3,4	108,500	0	0
ADT INC DEL	COM	00090Q103	602	73,633	SH		DFND	1,2,3,4	62,062	0	11,571
ABM INDS INC	COM	000957100	4,114	112,231	SH		DFND	1,2,3,4	98,021	0	14,210
AFLAC INC	COM	001055102	87,467	2,406,240	SH		DFND	1,2,3,4	1,537,582	0	868,658
AGCO CORP	COM	001084102	20,834	280,520	SH		DFND	1,2,3,4	274,965	0	5,555
AGNC INVT CORP	COM	00123Q104	5,774	415,078	SH		DFND	1,2,3,4	364,891	0	50,187
AES CORP	COM	00130H105	50,037	2,762,940	SH		DFND	1,2,3,4	1,956,876	0	806,064
AMAG PHARMACEUTICALS INC	COM	00163U106	708	75,283	SH		DFND	1,2,3,4	69,653	0	5,630
AMC NETWORKS INC	CL A	00164V103	2,354	95,275	SH		DFND	1,2,3,4	95,275	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	172	36,462	SH		DFND	1,2,3,4	36,462	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	7,790	133,251	SH		DFND	1,2,3,4	124,207	0	9,044
ANI PHARMACEUTICALS INC	COM	00182C103	514	18,212	SH		DFND	1,2,3,4	16,432	0	1,780
API GROUP CORP	COM STK	00187Y100	2,472	173,700	SH		DFND	1,2,3,4	173,700	0	0
ASGN INC	COM	00191U102	12,229	192,403	SH		DFND	1,2,3,4	192,403	0	0
AT&T INC	COM	00206R102	314,475	11,030,342	SH		DFND	1,2,3,4	9,955,186	0	1,075,156
A10 NETWORKS INC	COM	002121101	9,904	1,554,798	SH		DFND	1,2,3,4	1,287,507	0	267,291
ATN INTL INC	COM	00215F107	830	16,560	SH		DFND	1,2,3,4	13,700	0	2,860
AXT INC	COM	00246W103	179	29,200	SH		DFND	1,2,3,4	29,200	0	0
AZZ INC	COM	002474104	1,389	40,721	SH		DFND	1,2,3,4	34,791	0	5,930
AARONS INC	COM PAR \$0.50	002535300	29,400	518,969	SH		DFND	1,2,3,4	309,448	0	209,521
AARONS INC	COM PAR \$0.50	002535300	7,818	138,000	SH	Call	DFND	1,2,3,4	0	0	0
ABBOTT LABS	COM	002824100	1,376,334	12,646,644	SH		DFND	1,2,3,4	10,007,232	0	2,639,412
ABBOTT LABS	COM	002824100	58,047	533,377	SH		DFND	1,2,3,4,6	461,088	0	72,289
ABBVIE INC	COM	00287Y109	256,211	2,925,114	SH		DFND	1,2,3,4	2,453,372	0	471,742
ABERCROMBIE & FITCH CO	CL A	002896207	1,426	102,352	SH		DFND	1,2,3,4	87,400	0	14,952
ABEONA THERAPEUTICS INC	COM	00289Y107	124	121,100	SH		DFND	1,2,3,4	121,100	0	0
ABIOMED INC	COM	003654100	202,574	731,155	SH		DFND	1,2,3,4	662,003	0	69,152
ACACIA RESH CORP	ACACIA TCH COM	003881307	230	66,141	SH		DFND	1,2,3,4	66,141	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	17,497	259,602	SH		DFND	1,2,3,4	259,602	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	4,117	139,648	SH		DFND	1,2,3,4	131,878	0	7,770
ACADIA PHARMACEUTICALS INC	COM	004225108	3,255	78,899	SH		DFND	1,2,3,4	59,099	0	19,800
ACADIA RLTY TR	COM SH BEN INT	004239109	1,826	173,878	SH		DFND	1,2,3,4	155,578	0	18,300
ACCELERATE DIAGNOSTICS INC	COM	00430H102	479	44,910	SH		DFND	1,2,3,4	44,910	0	0
ACCELERON PHARMA	COM	00434H108	3,037	26,984	SH		DFND	1,2,3,4	18,134	0	8,850

INC										
ACCEL ENTERTAINMENT INC	COM CL A1	00436Q106	413	38,600	SH	DFND	1,2,3,4	38,600	0	0
ACCURAY INC	COM	004397105	394	164,131	SH	DFND	1,2,3,4	164,131	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	52	36,600	SH	DFND	1,2,3,4	36,600	0	0
ACI WORLDWIDE INC	COM	004498101	7,899	302,308	SH	DFND	1,2,3,4	302,308	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	480,403	5,934,561	SH	DFND	1,2,3,4	5,632,901	0	301,660
ACUITY BRANDS INC	COM	00508Y102	9,802	95,769	SH	DFND	1,2,3,4	92,222	0	3,547
ACUSHNET HOLDINGS CORP	COM	005098108	1,479	44,000	SH	DFND	1,2,3,4	44,000	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	1,848	38,001	SH	DFND	1,2,3,4	24,424	0	13,577
ADAPTHEALTH CORP	COM CL A	00653Q102	299	13,700	SH	DFND	1,2,3,4	13,700	0	0
ADDUS HOMECARE CORP	COM	006739106	1,917	20,282	SH	DFND	1,2,3,4	17,500	0	2,782
ADOBE SYSTEMS INCORPORATED	COM	00724F101	1,383,320	2,820,626	SH	DFND	1,2,3,4	2,550,330	0	270,296
ADTALEM GLOBAL ED INC	COM	00737L103	3,378	137,650	SH	DFND	1,2,3,4	137,650	0	0
ADTRAN INC	COM	00738A106	545	53,183	SH	DFND	1,2,3,4	44,253	0	8,930
ADURO BIOTECH INC	COM	00739L101	326	134,100	SH	DFND	1,2,3,4	134,100	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	31,207	203,306	SH	DFND	1,2,3,4	144,755	0	58,551
AECOM	COM	00766T100	336,907	8,052,273	SH	DFND	1,2,3,4	7,237,459	0	814,814
AEGION CORP	COM	00770F104	730	51,653	SH	DFND	1,2,3,4	45,923	0	5,730
AERIE PHARMACEUTICALS INC	COM	00771V108	838	71,200	SH	DFND	1,2,3,4	71,200	0	0
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	190	26,800	SH	DFND	1,2,3,4	26,800	0	0
ADVANSIX INC	COM	00773T101	2,007	155,840	SH	DFND	1,2,3,4	132,088	0	23,752
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	1,033	100,300	SH	DFND	1,2,3,4	100,300	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	7,057	176,910	SH	DFND	1,2,3,4	163,280	0	13,630
ADVANCED MICRO DEVICES INC	COM	007903107	171,341	2,089,778	SH	DFND	1,2,3,4	1,804,974	0	284,804
ADVANCED DRAIN SYS INC DEL	COM	00790R104	6,071	97,230	SH	DFND	1,2,3,4	97,230	0	0
ADVANCED DISP SVCS INC DEL	COM	00790X101	15,233	503,891	SH	DFND	1,2,3,4	503,891	0	0
ADVANCED ENERGY INDS	COM	007973100	4,012	63,739	SH	DFND	1,2,3,4	55,559	0	8,180
AEROVIRONMENT INC	COM	008073108	1,883	31,371	SH	DFND	1,2,3,4	27,271	0	4,100
AFFILIATED MANAGERS GROUP IN	COM	008252108	5,610	82,040	SH	DFND	1,2,3,4	77,988	0	4,052
AGILENT TECHNOLOGIES INC	COM	00846U101	47,018	465,804	SH	DFND	1,2,3,4	406,066	0	59,738
AGNICO EAGLE MINES LTD	COM	008474108	121,536	1,526,638	SH	DFND	1,2,3,4	1,035,568	0	491,070
AGENUS INC	COM NEW	00847G705	669	167,200	SH	DFND	1,2,3,4	167,200	0	0
AGILYSYS INC	COM	00847J105	612	25,351	SH	DFND	1,2,3,4	21,550	0	3,801
AGILE THERAPEUTICS INC	COM	00847L100	145	47,600	SH	DFND	1,2,3,4	47,600	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	3,958	113,094	SH	DFND	1,2,3,4	107,262	0	5,832
AGREE REALTY CORP	COM	008492100	7,447	117,021	SH	DFND	1,2,3,4	100,907	0	16,114
AIMMUNE THERAPEUTICS INC	COM	00900T107	7,102	206,146	SH	DFND	1,2,3,4	206,146	0	0
AIR LEASE CORP	CL A	00912X302	1,558	52,949	SH	DFND	1,2,3,4	43,519	0	9,430
AIR PRODS & CHEMS INC	COM	009158106	95,709	321,321	SH	DFND	1,2,3,4	292,657	0	28,664
AIR TRANSPORT SERVICES GRP I	COM	00922R105	1,661	66,300	SH	DFND	1,2,3,4	66,300	0	0
AKAMAI	COM	00971T101	66,661	603,049	SH	DFND	1,2,3,4	565,030	0	38,019

TECHNOLOGIES INC										
AKEBIA THERAPEUTICS INC	COM	00972D105	437	174,006	SH	DFND	1,2,3,4	174,006	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	780	43,000	SH	DFND	1,2,3,4	43,000	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	374	45,800	SH	DFND	1,2,3,4	45,800	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	576	18,700	SH	DFND	1,2,3,4	18,700	0	0
ALAMO GROUP INC	COM	011311107	1,569	14,524	SH	DFND	1,2,3,4	12,544	0	1,980
ALAMOS GOLD INC NEW	COM CL A	011532108	189	21,424	SH	DFND	1,2,3,4	21,424	0	0
ALARM COM HLDGS INC	COM	011642105	3,984	72,100	SH	DFND	1,2,3,4	62,610	0	9,490
ALASKA AIR GROUP INC	COM	011659109	71,835	1,961,101	SH	DFND	1,2,3,4	1,689,627	0	271,474
ALBANY INTL CORP	CL A	012348108	2,427	49,017	SH	DFND	1,2,3,4	42,455	0	6,562
ALBEMARLE CORP	COM	012653101	16,129	180,661	SH	DFND	1,2,3,4	138,161	0	42,500
ALBERTSONS COS INC	COMMON STOCK	013091103	6,555	473,277	SH	DFND	1,2,3,4	467,673	0	5,604
ALBIREO PHARMA INC	COM	01345P106	754	22,600	SH	DFND	1,2,3,4	22,600	0	0
ALCOA CORP	COM	013872106	4,233	363,941	SH	DFND	1,2,3,4	363,575	0	366
ALECTOR INC	COM	014442107	665	63,100	SH	DFND	1,2,3,4	63,100	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	8,730	778,764	SH	DFND	1,2,3,4	764,704	0	14,060
ALEXANDERS INC	COM	014752109	773	3,151	SH	DFND	1,2,3,4	3,151	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	64,152	400,953	SH	DFND	1,2,3,4	355,178	0	45,775
ALEXION PHARMACEUTICALS INC	COM	015351109	172,079	1,503,789	SH	DFND	1,2,3,4	1,366,443	0	137,346
ALGONQUIN PWR UTILS CORP	COM	015857105	3,953	271,900	SH	DFND	1,2,3,4	258,972	0	12,928
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	549,969	1,870,770	SH	DFND	1,2,3,4	1,312,202	0	558,568
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	1,688	5,741	SH	DFND	1,2,3,4,6	1,057	0	4,684
ALIGN TECHNOLOGY INC	COM	016255101	657,833	2,009,509	SH	DFND	1,2,3,4	1,847,882	0	161,627
ALLAKOS INC	COM	01671P100	43,713	536,679	SH	DFND	1,2,3,4	509,496	0	27,183
ALLEGHANY CORP DEL	COM	017175100	12,478	23,976	SH	DFND	1,2,3,4	22,526	0	1,450
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	1,630	186,883	SH	DFND	1,2,3,4	159,400	0	27,483
ALLEGIANCE BANCSHARES INC	COM	01748H107	669	28,628	SH	DFND	1,2,3,4	25,123	0	3,505
ALLEGiant TRAVEL CO	COM	01748X102	2,390	19,952	SH	DFND	1,2,3,4	17,022	0	2,930
ALLETE INC	COM NEW	018522300	9,332	180,362	SH	DFND	1,2,3,4	180,362	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	4,253	101,314	SH	DFND	1,2,3,4	66,792	0	34,522
ALLIANT ENERGY CORP	COM	018802108	91,798	1,777,306	SH	DFND	1,2,3,4	1,508,573	0	268,733
ALLIANCEBERNSTEIN HLDG L P	UNIT LTD PARTN	01881G106	858	31,726	SH	DFND	1,2,3,4	0	0	31,726
ALLIED MOTION TECHNOLOGIES I	COM	019330109	281	6,800	SH	DFND	1,2,3,4	6,800	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	6,410	182,419	SH	DFND	1,2,3,4	164,797	0	17,622
ALLOGENE THERAPEUTICS INC	COM	019770106	72,937	1,934,145	SH	DFND	1,2,3,4	1,785,147	0	148,998
ALLOVIR INC	COM	019818103	26,365	958,743	SH	DFND	1,2,3,4	906,179	0	52,564
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	2,289	281,180	SH	DFND	1,2,3,4	250,820	0	30,360
ALLSTATE CORP	COM	020002101	147,374	1,565,474	SH	DFND	1,2,3,4	1,515,222	0	50,252
ALLY FINL INC	COM	02005N100	13,606	542,717	SH	DFND	1,2,3,4	297,794	0	244,923
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	9,725	66,790	SH	DFND	1,2,3,4	46,065	0	20,725
ALPHA PRO TECH LTD	COM	020772109	247	16,700	SH	DFND	1,2,3,4	16,700	0	0
ALPHABET INC	CAP STK CL C	02079K107	5,686,422	3,869,367	SH	DFND	1,2,3,4	3,458,023	0	411,344
ALPHABET INC	CAP STK CL C	02079K107	29,698	20,208	SH	DFND	1,2,3,4,6	17,761	0	2,447

ALPHABET INC	CAP STK CL A	02079K305	745,219	508,474	SH	DFND	1,2,3,4	420,608	0	87,866
ALPHATEC HLDGS INC	COM NEW	02081G201	505	76,100	SH	DFND	1,2,3,4	76,100	0	0
ALTABANCORP	COM	021347109	341	16,937	SH	DFND	1,2,3,4	16,937	0	0
ALTAIR ENGR INC	COM CL A	021369103	2,704	64,410	SH	DFND	1,2,3,4	64,410	0	0
ALTERYX INC	COM CL A	02156B103	3,512	30,933	SH	DFND	1,2,3,4	21,533	0	9,400
ALTICE USA INC	CL A	02156K103	26,187	1,007,187	SH	DFND	1,2,3,4	448,748	0	558,439
ALTRA INDL MOTION CORP	COM	02208R106	31,336	847,616	SH	DFND	1,2,3,4	847,541	0	75
ALTRIA GROUP INC	COM	02209S103	118,688	3,071,630	SH	DFND	1,2,3,4	2,732,600	0	339,030
AMALGAMATED BK NEW YORK N Y	CLASS A	022663108	2,011	190,040	SH	DFND	1,2,3,4	190,040	0	0
AMAZON COM INC	COM	023135106	5,469,917	1,737,182	SH	DFND	1,2,3,4	1,551,384	0	185,798
AMBAC FINL GROUP INC	COM NEW	023139884	870	68,120	SH	DFND	1,2,3,4	59,590	0	8,530
AMEDISYS INC	COM	023436108	96,681	408,922	SH	DFND	1,2,3,4	364,585	0	44,337
AMERANT BANCORP INC	CL A	023576101	159	17,100	SH	DFND	1,2,3,4	17,100	0	0
AMERCO	COM	023586100	2,021	5,677	SH	DFND	1,2,3,4	3,878	0	1,799
AMEREN CORP	COM	023608102	154,774	1,957,186	SH	DFND	1,2,3,4	1,807,993	0	149,193
AMERESCO INC	CL A	02361E108	949	28,400	SH	DFND	1,2,3,4	28,400	0	0
AMERICA MOVIL SAB DE CV	SPON ADR L SHS	02364W105	158	12,611	SH	DFND	1,2,3,4	12,611	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	9,180	746,971	SH	DFND	1,2,3,4	548,153	0	198,818
AMERICAN ASSETS TR INC	COM	024013104	2,475	102,755	SH	DFND	1,2,3,4	92,205	0	10,550
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	871	150,911	SH	DFND	1,2,3,4	128,791	0	22,120
AMERICAN CAMPUS CMNTYS INC	COM	024835100	194,059	5,557,245	SH	DFND	1,2,3,4	5,023,734	0	533,511
AMERICAN ELEC PWR CO INC	COM	025537101	440,464	5,389,260	SH	DFND	1,2,3,4	5,035,972	0	353,288
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	7,304	493,176	SH	DFND	1,2,3,4	393,176	0	100,000
AMERICAN EQTY INVT LIFE HLD	COM	025676206	3,317	150,845	SH	DFND	1,2,3,4	133,715	0	17,130
AMERICAN EXPRESS CO	COM	025816109	110,202	1,099,268	SH	DFND	1,2,3,4	911,239	0	188,029
AMERICAN FINL GROUP INC OHIO	COM	025932104	65,215	973,643	SH	DFND	1,2,3,4	833,698	0	139,945
AMERICAN FIN TR INC	COM CLASS A	02607T109	1,026	163,617	SH	DFND	1,2,3,4	163,617	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	41,821	1,468,418	SH	DFND	1,2,3,4	1,348,524	0	119,894
AMERICAN INTL GROUP INC	COM NEW	026874784	39,654	1,440,381	SH	DFND	1,2,3,4	1,187,725	0	252,656
AMERICAN NATIONAL GROUP INC	COM NEW	02772A109	338	5,001	SH	DFND	1,2,3,4	4,376	0	625
AMERICAN NATL BANKSHARES INC	COM	027745108	287	13,700	SH	DFND	1,2,3,4	13,700	0	0
AMERICAN PUBLIC EDUCATION IN	COM	02913V103	687	24,361	SH	DFND	1,2,3,4	21,611	0	2,750
AMERICAN RENAL ASSOCS HLDGS	COM	029227105	299	43,400	SH	DFND	1,2,3,4	43,400	0	0
AMERICAN RIV BANKSHARES	COM	029326105	2,581	259,092	SH	DFND	1,2,3,4	259,092	0	0
AMERICAN SOFTWARE INC	CL A	029683109	327	23,292	SH	DFND	1,2,3,4	23,292	0	0
AMER STATES WTR CO	COM	029899101	6,051	80,737	SH	DFND	1,2,3,4	72,877	0	7,860
AMERICAN SUPERCONDUCTOR CORP	SHS NEW	030111207	219	15,100	SH	DFND	1,2,3,4	15,100	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	366,749	1,517,183	SH	DFND	1,2,3,4	1,200,115	0	317,068
AMERICAN TOWER CORP NEW	COM	03027X100	1,002	4,144	SH	DFND	1,2,3,4,6	764	0	3,380
AMERICAN VANGUARD CORP	COM	030371108	598	45,475	SH	DFND	1,2,3,4	40,545	0	4,930
AMERICAN WTR WKS CO INC NEW	COM	030420103	175,801	1,213,427	SH	DFND	1,2,3,4	769,385	0	444,042
AMERICAN WELL CORP	CL A	03044L105	38,460	1,297,566	SH	DFND	1,2,3,4	1,189,465	0	108,101

AMERICAN WOODMARK CORPORATIO	COM	030506109	4,711	59,984	SH	DFND	1,2,3,4	56,128	0	3,856
AMERICAS CAR-MART INC	COM	03062T105	737	8,677	SH	DFND	1,2,3,4	7,497	0	1,180
AMERICOLD RLTY TR	COM	03064D108	218,506	6,112,053	SH	DFND	1,2,3,4	5,577,563	0	534,490
AMERISAFE INC	COM	03071H100	1,634	28,483	SH	DFND	1,2,3,4	24,113	0	4,370
AMERISOURCEBERGEN CORP	COM	03073E105	28,635	295,447	SH	DFND	1,2,3,4	225,735	0	69,712
AMERIPRISE FINL INC	COM	03076C106	54,300	352,347	SH	DFND	1,2,3,4	312,004	0	40,343
AMERIS BANCORP	COM	03076K108	2,637	115,757	SH	DFND	1,2,3,4	101,253	0	14,504
AMES NATL CORP	COM	031001100	274	16,210	SH	DFND	1,2,3,4	16,210	0	0
AMETEK INC	COM	031100100	231,507	2,329,040	SH	DFND	1,2,3,4	2,119,914	0	209,126
AMGEN INC	COM	031162100	484,652	1,906,879	SH	DFND	1,2,3,4	1,742,822	0	164,057
AMICUS THERAPEUTICS INC	COM	03152W109	7,404	524,366	SH	DFND	1,2,3,4	524,366	0	0
AMKOR TECHNOLOGY INC	COM	031652100	1,836	163,942	SH	DFND	1,2,3,4	163,942	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	728	187,549	SH	DFND	1,2,3,4	187,549	0	0
AMPHENOL CORP NEW	CL A	032095101	869,760	8,033,251	SH	DFND	1,2,3,4	6,454,597	0	1,578,654
AMPHENOL CORP NEW	CL A	032095101	37,659	347,823	SH	DFND	1,2,3,4,6	295,580	0	52,243
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,665	88,810	SH	DFND	1,2,3,4	82,000	0	6,810
AMYRIS INC	COM NEW	03236M200	145	49,500	SH	DFND	1,2,3,4	49,500	0	0
ANALOG DEVICES INC	COM	032654105	73,219	627,194	SH	DFND	1,2,3,4	579,812	0	47,382
ANAPTYSBIO INC	COM	032724106	475	32,200	SH	DFND	1,2,3,4	32,200	0	0
ANAPLAN INC	COM	03272L108	154,572	2,469,995	SH	DFND	1,2,3,4	2,161,500	0	308,495
ANAVEX LIFE SCIENCES CORP	COM NEW	032797300	258	56,600	SH	DFND	1,2,3,4	56,600	0	0
ANDERSONS INC	COM	034164103	824	42,980	SH	DFND	1,2,3,4	37,280	0	5,700
ANGIODYNAMICS INC	COM	03475V101	733	60,755	SH	DFND	1,2,3,4	53,400	0	7,355
ANGLOGOLD ASHANTI LIMITED	SPONSORED ADR	035128206	1,773	67,195	SH	DFND	1,2,3,4	67,195	0	0
ANIKA THERAPEUTICS INC	COM	035255108	802	22,650	SH	DFND	1,2,3,4	20,000	0	2,650
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	7,328	1,029,226	SH	DFND	1,2,3,4	904,306	0	124,920
ANNEXON INC	COM	03589W102	29,608	979,422	SH	DFND	1,2,3,4	930,929	0	48,493
ANSYS INC	COM	03662Q105	271,265	828,975	SH	DFND	1,2,3,4	612,106	0	216,869
ANTARES PHARMA INC	COM	036642106	383	141,900	SH	DFND	1,2,3,4	141,900	0	0
ANTERO RESOURCES CORP	COM	03674X106	1,034	376,161	SH	DFND	1,2,3,4	376,161	0	0
ANTHEM INC	COM	036752103	1,040,549	3,874,116	SH	DFND	1,2,3,4	2,980,544	0	893,572
ANTERO MIDSTREAM CORP	COM	03676B102	2,290	426,442	SH	DFND	1,2,3,4	400,742	0	25,700
ANTERIX INC	COM	03676C100	3,033	92,711	SH	DFND	1,2,3,4	92,711	0	0
ANWORTH MTG ASSET CORP	COM	037347101	293	178,433	SH	DFND	1,2,3,4	178,433	0	0
APACHE CORP	COM	037411105	7,911	835,332	SH	DFND	1,2,3,4	773,789	0	61,543
APARTMENT INVT & MGMT CO	CL A	03748R754	9,632	285,656	SH	DFND	1,2,3,4	261,482	0	24,174
APELLIS PHARMACEUTICALS INC	COM	03753U106	2,417	80,100	SH	DFND	1,2,3,4	80,100	0	0
APOGEE ENTERPRISES INC	COM	037598109	847	39,651	SH	DFND	1,2,3,4	34,751	0	4,900
APOLLO COML REAL EST FIN INC	COM	03762U105	2,212	245,545	SH	DFND	1,2,3,4	216,545	0	29,000
APOLLO MED HLDGS INC	COM NEW	03763A207	501	27,900	SH	DFND	1,2,3,4	27,900	0	0
APHRIA INC	COM	03765K104	58	13,000	SH	DFND	1,2,3,4	13,000	0	0
APOLLO GLOBAL MGMT INC	COM CL A	03768E105	3,875	86,600	SH	DFND	1,2,3,4	63,750	0	22,850
APPIAN CORP	CL A	03782L101	3,554	54,890	SH	DFND	1,2,3,4	54,890	0	0
APPLE INC	COM	037833100	5,109,506	44,119,734	SH	DFND	1,2,3,4	38,080,943	0	6,038,791
APPFOLIO INC	COM CL A	03783C100	3,642	25,680	SH	DFND	1,2,3,4	25,680	0	0

APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	6,440	670,143	SH	DFND	1,2,3,4	647,260	0	22,883
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	6,662	120,904	SH	DFND	1,2,3,4	112,644	0	8,260
APPLIED MATLS INC	COM	038222105	109,420	1,840,543	SH	DFND	1,2,3,4	1,533,766	0	306,777
APPLIED OPTOELECTRONICS INC	COM	03823U102	271	24,080	SH	DFND	1,2,3,4	20,200	0	3,880
APTARGROUP INC	COM	038336103	12,042	106,374	SH	DFND	1,2,3,4	100,669	0	5,705
APREA THERAPEUTICS INC	COM	03836J102	378	15,700	SH	DFND	1,2,3,4	15,700	0	0
AQUESTIVE THERAPEUTICS INC	COM	03843E104	77	15,800	SH	DFND	1,2,3,4	15,800	0	0
ARAMARK	COM	03852U106	3,565	134,791	SH	DFND	1,2,3,4	109,466	0	25,325
ARBOR REALTY TRUST INC	COM	038923108	1,467	127,900	SH	DFND	1,2,3,4	127,900	0	0
ARCBEST CORP	COM	03937C105	2,609	83,993	SH	DFND	1,2,3,4	78,005	0	5,988
ARCH RESOURCES INC	CL A	03940R107	1,290	30,363	SH	DFND	1,2,3,4	30,363	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	55,359	1,190,781	SH	DFND	1,2,3,4	998,651	0	192,130
ARCHROCK INC	COM	03957W106	941	174,950	SH	DFND	1,2,3,4	151,000	0	23,950
ARCOSA INC	COM	039653100	5,737	130,126	SH	DFND	1,2,3,4	119,816	0	10,310
ARCONIC CORPORATION	COM	03966V107	3,137	164,654	SH	DFND	1,2,3,4	143,843	0	20,811
ARDELYX INC	COM	039697107	383	72,900	SH	DFND	1,2,3,4	72,900	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	752	43,900	SH	DFND	1,2,3,4	43,900	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	2,217	75,664	SH	DFND	1,2,3,4	75,664	0	0
ARCTURUS THERAPEUTICS HLDGS	COM	03969T109	691	16,100	SH	DFND	1,2,3,4	16,100	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	83,007	2,053,611	SH	DFND	1,2,3,4	1,843,786	0	209,825
ARENA PHARMACEUTICALS INC	COM NEW	040047607	75,084	1,003,937	SH	DFND	1,2,3,4	930,560	0	73,377
ARGAN INC	COM	04010E109	696	16,618	SH	DFND	1,2,3,4	16,618	0	0
ARES CAPITAL CORP	COM	04010L103	746	53,509	SH	DFND	1,2,3,4	53,509	0	0
ARES COML REAL ESTATE CORP	COM	04013V108	451	49,300	SH	DFND	1,2,3,4	49,300	0	0
ARISTA NETWORKS INC	COM	040413106	244,117	1,179,706	SH	DFND	1,2,3,4	1,087,656	0	92,050
ARLINGTON ASSET INVST CORP	CL A NEW	041356205	244	85,800	SH	DFND	1,2,3,4	85,800	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	474	90,150	SH	DFND	1,2,3,4	75,590	0	14,560
ARMADA HOFFLER PPTYS INC	COM	04208T108	33,652	3,634,109	SH	DFND	1,2,3,4	3,298,540	0	335,569
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	912	95,857	SH	DFND	1,2,3,4	81,217	0	14,640
ARMSTRONG WORLD INDS INC	COM	04247X102	66,829	971,214	SH	DFND	1,2,3,4	885,728	0	85,486
ARROW ELECTRS INC	COM	042735100	74,516	947,315	SH	DFND	1,2,3,4	829,052	0	118,263
ARROW FINL CORP	COM	042744102	412	16,403	SH	DFND	1,2,3,4	16,403	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	13,717	318,552	SH	DFND	1,2,3,4	318,552	0	0
ARTESIAN RES CORP	CL A	043113208	228	6,600	SH	DFND	1,2,3,4	6,600	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	2,908	74,590	SH	DFND	1,2,3,4	74,590	0	0
ARVINAS INC	COM	04335A105	1,103	46,700	SH	DFND	1,2,3,4	46,700	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	2,681	27,511	SH	DFND	1,2,3,4	23,321	0	4,190
ASCENDIS PHARMA A/S	SPONSORED ADR	04351P101	72,299	468,501	SH	DFND	1,2,3,4	429,729	0	38,772
ASHLAND GLOBAL HLDGS INC	COM	044186104	6,218	87,679	SH	DFND	1,2,3,4	82,731	0	4,948
ASPEN TECHNOLOGY INC	COM	045327103	32,559	257,203	SH	DFND	1,2,3,4	241,011	0	16,192
ASPIRA WOMENS HEALTH INC	COM	04537Y109	204	66,100	SH	DFND	1,2,3,4	66,100	0	0
ASSEMBLY	COM	045396108	492	29,900	SH	DFND	1,2,3,4	29,900	0	0

BIOSCIENCES INC										
ASSETMARK FINL HLDGS INC	COM	04546L106	339	15,600	SH	DFND	1,2,3,4	15,600	0	0
ASSOCIATED BANC CORP	COM	045487105	58,090	4,603,005	SH	DFND	1,2,3,4	3,880,279	0	722,726
ASSOCIATED CAP GROUP INC	CL A	045528106	622	17,203	SH	DFND	1,2,3,4	17,203	0	0
ASSURANT INC	COM	04621X108	10,877	89,661	SH	DFND	1,2,3,4	78,443	0	11,218
ASTEC INDS INC	COM	046224101	1,630	30,037	SH	DFND	1,2,3,4	25,146	0	4,891
ASTRAZENECA PLC	SPONSORED ADR	046353108	1,264	23,067	SH	DFND	1,2,3,4	20,665	0	2,402
ASTRONICS CORP	COM	046433108	362	46,900	SH	DFND	1,2,3,4	46,900	0	0
AT HOME GROUP INC	COM	04650Y100	871	58,600	SH	DFND	1,2,3,4	58,600	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	1,020	78,740	SH	DFND	1,2,3,4	78,740	0	0
ATHENEX INC	COM	04685N103	1,013	83,700	SH	DFND	1,2,3,4	83,700	0	0
ATHERSYS INC NEW	COM	04744L106	417	213,700	SH	DFND	1,2,3,4	213,700	0	0
ATKORE INTL GROUP INC	COM	047649108	1,894	83,321	SH	DFND	1,2,3,4	83,321	0	0
ATLANTIC CAP BANCSHARES INC	COM	048269203	325	28,605	SH	DFND	1,2,3,4	28,605	0	0
ATLANTIC POWER CORP	COM NEW	04878Q863	260	132,500	SH	DFND	1,2,3,4	132,500	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	2,662	124,556	SH	DFND	1,2,3,4	124,214	0	342
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	2,439	40,046	SH	DFND	1,2,3,4	34,422	0	5,624
ATMOS ENERGY CORP	COM	049560105	17,627	184,399	SH	DFND	1,2,3,4	164,826	0	19,573
ATRICURE INC	COM	04963C209	2,330	58,400	SH	DFND	1,2,3,4	58,400	0	0
ATRECA INC	CL A COM	04965G109	305	21,800	SH	DFND	1,2,3,4	21,800	0	0
ATRION CORP	COM	049904105	1,231	1,966	SH	DFND	1,2,3,4	1,966	0	0
AUTODESK INC	COM	052769106	79,204	342,858	SH	DFND	1,2,3,4	292,717	0	50,141
AUTOMATIC DATA PROCESSING IN	COM	053015103	1,531,084	10,976,297	SH	DFND	1,2,3,4	5,124,382	0	5,851,915
AUTOMATIC DATA PROCESSING IN	COM	053015103	20,537	147,229	SH	DFND	1,2,3,4,6	126,482	0	20,747
AUTONATION INC	COM	05329W102	7,089	133,931	SH	DFND	1,2,3,4	128,662	0	5,269
AUTOZONE INC	COM	053332102	472,628	401,335	SH	DFND	1,2,3,4	359,343	0	41,992
AVALARA INC	COM	05338G106	134,314	1,054,769	SH	DFND	1,2,3,4	940,458	0	114,311
AVALONBAY CMNTYS INC	COM	053484101	40,784	273,097	SH	DFND	1,2,3,4	250,286	0	22,811
AVANOS MED INC	COM	05350V106	4,062	122,269	SH	DFND	1,2,3,4	122,269	0	0
AVANGRID INC	COM	05351W103	1,243	24,640	SH	DFND	1,2,3,4	19,659	0	4,981
AVAYA HLDGS CORP	COM	05351X101	19,006	1,250,404	SH	DFND	1,2,3,4	1,238,378	0	12,026
AVANTOR INC	COM	05352A100	5,595	248,790	SH	DFND	1,2,3,4	168,431	0	80,359
AVEO PHARMACEUTICALS INC	COM NEW	053588307	149	25,000	SH	DFND	1,2,3,4	25,000	0	0
AVERY DENNISON CORP	COM	053611109	30,188	236,137	SH	DFND	1,2,3,4	219,455	0	16,682
AVID TECHNOLOGY INC	COM	05367P100	334	39,000	SH	DFND	1,2,3,4	39,000	0	0
AVID BIOSERVICES INC	COM	05368M106	543	71,300	SH	DFND	1,2,3,4	71,300	0	0
AVIENT CORPORATION	COM	05368V106	6,008	227,046	SH	DFND	1,2,3,4	227,046	0	0
AVIS BUDGET GROUP	COM	053774105	3,580	136,027	SH	DFND	1,2,3,4	135,960	0	67
AVISTA CORP	COM	05379B107	5,126	150,220	SH	DFND	1,2,3,4	135,173	0	15,047
AVNET INC	COM	053807103	6,512	251,997	SH	DFND	1,2,3,4	242,987	0	9,010
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	911	41,420	SH	DFND	1,2,3,4	35,200	0	6,220
AVROBIO INC	COM	05455M100	370	28,400	SH	DFND	1,2,3,4	28,400	0	0
AXOGEN INC	COM	05463X106	702	60,400	SH	DFND	1,2,3,4	60,400	0	0
AXON ENTERPRISE INC	COM	05464C101	158,773	1,750,526	SH	DFND	1,2,3,4	1,596,670	0	153,856
AXSOME THERAPEUTICS INC	COM	05464T104	38,637	542,273	SH	DFND	1,2,3,4	516,440	0	25,833
AXOS FINANCIAL INC	COM	05465C100	2,057	88,260	SH	DFND	1,2,3,4	76,820	0	11,440
AXONICS MODULATION TECHNOLOG	COM	05465P101	2,384	46,700	SH	DFND	1,2,3,4	46,700	0	0
AYTU BIOSCIENCE INC	COM PAR	054754700	109	91,400	SH	DFND	1,2,3,4	91,400	0	0
AZEK CO INC	CL A	05478C105	58,210	1,672,229	SH	DFND	1,2,3,4	1,574,097	0	98,132

B & G FOODS INC NEW	COM	05508R106	2,727	98,183	SH	DFND	1,2,3,4	84,405	0	13,778
BCB BANCORP INC	COM	055298103	91	11,400	SH	DFND	1,2,3,4	11,400	0	0
BCE INC	COM NEW	05534B760	1,858	44,810	SH	DFND	1,2,3,4	44,810	0	0
BGC PARTNERS INC	CL A	05541T101	997	415,540	SH	DFND	1,2,3,4	415,540	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	20,425	491,571	SH	DFND	1,2,3,4	381,571	0	110,000
BOK FINL CORP	COM NEW	05561Q201	757	14,699	SH	DFND	1,2,3,4	11,931	0	2,768
BRT APARTMENTS CORP	COM	055645303	137	11,600	SH	DFND	1,2,3,4	11,600	0	0
BRP INC	COM SUN VTG	05577W200	27,784	526,018	SH	DFND	1,2,3,4	244,999	0	281,019
B. RILEY FINANCIAL INC	COM	05580M108	385	15,374	SH	DFND	1,2,3,4	15,374	0	0
BRP GROUP INC	COM CL A	05589G102	1,004	40,300	SH	DFND	1,2,3,4	40,300	0	0
BMC STK HLDGS INC	COM	05591B109	12,828	299,509	SH	DFND	1,2,3,4	299,509	0	0
BWX TECHNOLOGIES INC	COM	05605H100	2,838	50,400	SH	DFND	1,2,3,4	36,431	0	13,969
BADGER METER INC	COM	056525108	3,922	59,998	SH	DFND	1,2,3,4	50,273	0	9,725
BAIDU INC	SPON ADR REP A	056752108	1,498	11,830	SH	DFND	1,2,3,4	6,630	0	5,200
BAKER HUGHES COMPANY	CL A	05722G100	16,283	1,225,174	SH	DFND	1,2,3,4	921,118	0	304,056
BALCHEM CORP	COM	057665200	5,236	53,626	SH	DFND	1,2,3,4	46,606	0	7,020
BALL CORP	COM	058498106	41,793	502,799	SH	DFND	1,2,3,4	415,818	0	86,981
BALLARD PWR SYS INC NEW	COM	058586108	162	10,700	SH	DFND	1,2,3,4	10,700	0	0
BANCFIRST CORP	COM	05945F103	1,214	29,737	SH	DFND	1,2,3,4	26,257	0	3,480
BANCOLOMBIA S A	SPON ADR PREF	05968L102	522	20,440	SH	DFND	1,2,3,4	0	0	20,440
BANCORP INC DEL	COM	05969A105	3,151	364,688	SH	DFND	1,2,3,4	364,688	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	5,110	263,697	SH	DFND	1,2,3,4	263,697	0	0
BANDWIDTH INC	COM CL A	05988J103	4,818	27,600	SH	DFND	1,2,3,4	27,600	0	0
BANC OF CALIFORNIA INC	COM	05990K106	619	61,132	SH	DFND	1,2,3,4	49,700	0	11,432
BK OF AMERICA CORP	COM	060505104	829,577	34,436,578	SH	DFND	1,2,3,4	31,900,584	0	2,535,994
BK OF AMERICA CORP	7.25%CNV PFD L	060505682	10,050	6,754	SH	DFND	1,2,3,4	2,140	0	4,614
BANK FIRST CORP	COM	06211J100	311	5,300	SH	DFND	1,2,3,4	5,300	0	0
BANK HAWAII CORP	COM	062540109	3,236	64,046	SH	DFND	1,2,3,4	60,527	0	3,519
BANK MARIN BANCORP	COM	063425102	14,972	516,974	SH	DFND	1,2,3,4	426,603	0	90,371
BANK MONTREAL QUE	COM	063671101	6,033	103,279	SH	DFND	1,2,3,4	89,246	0	14,033
BANK NEW YORK MELLON CORP	COM	064058100	41,260	1,201,519	SH	DFND	1,2,3,4	1,092,117	0	109,402
BANK NOVA SCOTIA B C	COM	064149107	6,974	168,001	SH	DFND	1,2,3,4	141,346	0	26,655
BANK OZK	COM	06417N103	4,153	194,802	SH	DFND	1,2,3,4	183,935	0	10,867
BANK COMM HLDGS	COM	06424J103	72	10,400	SH	DFND	1,2,3,4	10,400	0	0
BANK PRINCETON NEW JERSEY	COM	064520109	3,062	168,518	SH	DFND	1,2,3,4	168,518	0	0
BANKFINANCIAL CORP	COM	06643P104	211	29,221	SH	DFND	1,2,3,4	29,221	0	0
BANKUNITED INC	COM	06652K103	104,108	4,751,605	SH	DFND	1,2,3,4	4,037,198	0	714,407
BANK7 CORP	COM	06652N107	1,715	182,448	SH	DFND	1,2,3,4	182,448	0	0
BANNER CORP	COM NEW	06652V208	1,907	59,114	SH	DFND	1,2,3,4	51,684	0	7,430
BAR HBR BANKSHARES	COM	066849100	363	17,684	SH	DFND	1,2,3,4	17,684	0	0
BARNES GROUP INC	COM	067806109	5,602	156,739	SH	DFND	1,2,3,4	146,637	0	10,102
BARRICK GOLD CORP	COM	067901108	14,668	521,792	SH	DFND	1,2,3,4	521,792	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	2,554	48,697	SH	DFND	1,2,3,4	48,697	0	0
BAUSCH HEALTH COS INC	COM	071734107	544	35,018	SH	DFND	1,2,3,4	35,018	0	0
BAXTER INTL INC	COM	071813109	199,780	2,484,205	SH	DFND	1,2,3,4	2,351,841	0	132,364
BAYCOM CORP	COM	07272M107	3,871	375,792	SH	DFND	1,2,3,4	375,792	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	2,708	87,143	SH	DFND	1,2,3,4	87,143	0	0
BEAM THERAPEUTICS INC	COM	07373V105	1,145	46,500	SH	DFND	1,2,3,4	46,500	0	0
BEAZER HOMES USA INC	COM NEW	07556Q881	594	45,000	SH	DFND	1,2,3,4	45,000	0	0

BECTON DICKINSON & CO	COM	075887109	94,923	407,955	SH	DFND	1,2,3,4	369,151	0	38,804
BED BATH & BEYOND INC	COM	075896100	2,934	195,832	SH	DFND	1,2,3,4	168,810	0	27,022
BEIGENE LTD	SPONSORED ADR	07725L102	36,511	127,466	SH	DFND	1,2,3,4	114,817	0	12,649
BEL FUSE INC	CL B	077347300	155	14,500	SH	DFND	1,2,3,4	12,600	0	1,900
BELDEN INC	COM	077454106	77,667	2,495,724	SH	DFND	1,2,3,4	2,109,072	0	386,652
BELLRING BRANDS INC	COM CL A	079823100	977	47,120	SH	DFND	1,2,3,4	47,120	0	0
BENCHMARK ELECTRS INC	COM	08160H101	1,560	77,396	SH	DFND	1,2,3,4	69,287	0	8,109
BENEFITFOCUS INC	COM	08180D106	506	45,200	SH	DFND	1,2,3,4	45,200	0	0
BERKELEY LTS INC	COM	084310101	17,310	226,693	SH	DFND	1,2,3,4	201,122	0	25,571
BERKLEY W R CORP	COM	084423102	12,669	207,186	SH	DFND	1,2,3,4	184,127	0	23,059
BERKSHIRE HATHAWAY INC DEL	CL A	084670108	960	3	SH	DFND	1,2,3,4	1	0	2
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	1,412,033	6,631,132	SH	DFND	1,2,3,4	5,826,576	0	804,556
BERKSHIRE HILLS BANCORP INC	COM	084680107	634	62,675	SH	DFND	1,2,3,4	51,755	0	10,920
BERRY GLOBAL GROUP INC	COM	08579W103	113,071	2,340,038	SH	DFND	1,2,3,4	2,265,602	0	74,436
BERRY CORP	COM	08579X101	11,988	3,781,812	SH	DFND	1,2,3,4	3,781,812	0	0
BEST BUY INC	COM	086516101	47,645	428,113	SH	DFND	1,2,3,4	342,139	0	85,974
BHP GROUP LTD	SPONSORED ADS	088606108	20,361	393,761	SH	DFND	1,2,3,4	393,761	0	0
BEYOND MEAT INC	COM	08862E109	4,861	29,270	SH	DFND	1,2,3,4	21,020	0	8,250
BIG LOTS INC	COM	089302103	3,056	68,531	SH	DFND	1,2,3,4	60,649	0	7,882
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	29,011	348,268	SH	DFND	1,2,3,4	328,781	0	19,487
BILIBILI INC	SPONS ADS REP Z	090040106	8,439	202,861	SH	DFND	1,2,3,4	202,861	0	0
BILL COM HLDGS INC	COM	090043100	3,334	33,235	SH	DFND	1,2,3,4	23,514	0	9,721
BIO RAD LABS INC	CL A	090572207	187,446	363,648	SH	DFND	1,2,3,4	204,310	0	159,338
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	614	178,820	SH	DFND	1,2,3,4	178,820	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	410	110,000	SH	DFND	1,2,3,4	110,000	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	22,895	300,927	SH	DFND	1,2,3,4	266,164	0	34,763
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	669	23,100	SH	DFND	1,2,3,4	23,100	0	0
BIOGEN INC	COM	09062X103	76,883	271,020	SH	DFND	1,2,3,4	240,764	0	30,256
BIOTELEMETRY INC	COM	090672106	5,246	115,095	SH	DFND	1,2,3,4	108,725	0	6,370
BIO-TECHNE CORP	COM	09073M104	16,621	67,092	SH	DFND	1,2,3,4	60,422	0	6,670
BIOSIG TECHNOLOGIES INC	COM NEW	09073N201	167	33,900	SH	DFND	1,2,3,4	33,900	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	25,595	590,285	SH	DFND	1,2,3,4	558,419	0	31,866
BIOSPECIFICS TECHNOLOGIES CO	COM	090931106	460	8,700	SH	DFND	1,2,3,4	8,700	0	0
BJS RESTAURANTS INC	COM	09180C106	947	32,183	SH	DFND	1,2,3,4	28,034	0	4,149
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	432	14,300	SH	DFND	1,2,3,4	14,300	0	0
BLACK HILLS CORP	COM	092113109	57,108	1,067,642	SH	DFND	1,2,3,4	926,622	0	141,020
BLACK KNIGHT INC	COM	09215C105	8,352	95,947	SH	DFND	1,2,3,4	67,601	0	28,346
BLACKBAUD INC	COM	09227Q100	7,355	131,735	SH	DFND	1,2,3,4	131,735	0	0
BLACKBERRY LTD	COM	09228F103	293	63,780	SH	DFND	1,2,3,4	52,261	0	11,519
BLACKLINE INC	COM	09239B109	102,894	1,147,984	SH	DFND	1,2,3,4	1,088,944	0	59,040
BLACKROCK INC	COM	09247X101	228,011	404,598	SH	DFND	1,2,3,4	341,395	0	63,203
BLACKROCK MUN INCM INVT QTY	COM	09250G102	254	17,968	SH	DFND	1,2,3,4	17,968	0	0
BLACKROCK MUNIYIELD INVT FD	COM	09254R104	176	13,189	SH	DFND	1,2,3,4	13,189	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	4,222	192,150	SH	DFND	1,2,3,4	192,150	0	0
BLACKSTONE GROUP INC	COM CL A	09260D107	1,286	24,643	SH	DFND	1,2,3,4	22,878	0	1,765

BLOCK H & R INC	COM	093671105	5,157	316,601	SH	DFND	1,2,3,4	287,186	0	29,415
BLOOM ENERGY CORP	COM CL A	093712107	1,899	105,700	SH	DFND	1,2,3,4	105,700	0	0
BLOOMIN BRANDS INC	COM	094235108	2,380	155,860	SH	DFND	1,2,3,4	138,240	0	17,620
BLUCORA INC	COM	095229100	544	57,710	SH	DFND	1,2,3,4	47,120	0	10,590
BLUE BIRD CORP	COM	095306106	17,371	1,428,540	SH	DFND	1,2,3,4	1,177,090	0	251,450
BLUE RIDGE BANKSHARES INC VA	COM	095825105	4,219	311,375	SH	DFND	1,2,3,4	311,375	0	0
BLUEBIRD BIO INC	COM	09609G100	4,488	83,190	SH	DFND	1,2,3,4	24,740	0	58,450
BLUEROCK RESIDENTIAL GWT REI	COM CL A	09627J102	6,499	857,394	SH	DFND	1,2,3,4	857,394	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	122,625	1,322,813	SH	DFND	1,2,3,4	1,224,615	0	98,198
BLUEGREEN VACATIONS CORP	COM	09629F108	124	25,300	SH	DFND	1,2,3,4	25,300	0	0
BOEING CO	COM	097023105	124,180	751,420	SH	DFND	1,2,3,4	691,125	0	60,295
BOGOTA FINL CORP	COM	097235105	1,111	145,836	SH	DFND	1,2,3,4	145,836	0	0
BOINGO WIRELESS INC	COM	09739C102	417	40,900	SH	DFND	1,2,3,4	40,900	0	0
BOISE CASCADE CO DEL	COM	09739D100	5,507	137,944	SH	DFND	1,2,3,4	129,528	0	8,416
BONANZA CREEK ENERGY INC	COM NEW	097793400	718	38,217	SH	DFND	1,2,3,4	34,787	0	3,430
BOOKING HOLDINGS INC	COM	09857L108	209,151	122,262	SH	DFND	1,2,3,4	107,578	0	14,684
BOOT BARN HLDGS INC	COM	099406100	1,054	37,455	SH	DFND	1,2,3,4	31,806	0	5,649
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	172,674	2,080,911	SH	DFND	1,2,3,4	1,907,895	0	173,016
BORGWARNER INC	COM	099724106	36,498	942,129	SH	DFND	1,2,3,4	897,105	0	45,024
BOSTON BEER INC	CL A	100557107	13,482	15,262	SH	DFND	1,2,3,4	13,562	0	1,700
BOSTON OMAHA CORP	COM	101044105	315	19,700	SH	DFND	1,2,3,4	19,700	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	695	125,988	SH	DFND	1,2,3,4	110,688	0	15,300
BOSTON PROPERTIES INC	COM	101121101	43,706	544,283	SH	DFND	1,2,3,4	488,378	0	55,905
BOSTON SCIENTIFIC CORP	COM	101137107	173,818	4,549,007	SH	DFND	1,2,3,4	4,208,770	0	340,237
BOTTOMLINE TECH DEL INC	COM	101388106	2,987	70,858	SH	DFND	1,2,3,4	62,528	0	8,330
BOX INC	CL A	10316T104	3,640	209,680	SH	DFND	1,2,3,4	209,680	0	0
BOYD GAMING CORP	COM	103304101	6,315	205,760	SH	DFND	1,2,3,4	205,760	0	0
BRADY CORP	CL A	104674106	4,444	111,034	SH	DFND	1,2,3,4	100,684	0	10,350
BRAINSTORM CELL THERAPEUTICS	COM NEW	10501E201	503	29,700	SH	DFND	1,2,3,4	29,700	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	2,015	194,908	SH	DFND	1,2,3,4	143,234	0	51,674
BRF SA	SPONSORED ADR	10552T107	563	171,727	SH	DFND	1,2,3,4	171,727	0	0
BRIDGE BANCORP INC	COM	108035106	354	20,335	SH	DFND	1,2,3,4	20,335	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	3,901	103,984	SH	DFND	1,2,3,4	103,984	0	0
BRIDGEWATER BANCSHARES INC	COM ACCD INV	108621103	4,014	422,971	SH	DFND	1,2,3,4	422,971	0	0
BRIGHAM MINERALS INC	CL A COM	10918L103	338	37,900	SH	DFND	1,2,3,4	37,900	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	19,518	128,373	SH	DFND	1,2,3,4	119,373	0	9,000
BRIGHTCOVE INC	COM	10921T101	359	35,100	SH	DFND	1,2,3,4	35,100	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	4,036	149,998	SH	DFND	1,2,3,4	141,431	0	8,567
BRIGHTVIEW HLDGS INC	COM	10948C107	440	38,600	SH	DFND	1,2,3,4	38,600	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	1,555	120,577	SH	DFND	1,2,3,4	106,360	0	14,217
BRINKER INTL INC	COM	109641100	2,774	64,926	SH	DFND	1,2,3,4	55,250	0	9,676
BRINKS CO	COM	109696104	6,300	153,323	SH	DFND	1,2,3,4	153,323	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	293,934	4,875,332	SH	DFND	1,2,3,4	4,080,495	0	794,837
BRISTOL-MYERS SQUIBB CO	RIGHT 99/99/9999	110122157	342	151,842	SH	DFND	1,2,3,4	63,707	0	88,135
BRISTOW GROUP INC	COM	11040G103	287	13,518	SH	DFND	1,2,3,4	9,132	0	4,386

BRITISH AMERN TOB PLC	SPONSORED ADR	110448107	28,025	775,251	SH	DFND	1,2,3,4	704,508	0	70,743
BRIXMOR PPTY GROUP INC	COM	11120U105	55,626	4,758,406	SH	DFND	1,2,3,4	4,544,724	0	213,682
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	87,234	660,865	SH	DFND	1,2,3,4	614,250	0	46,615
BROADMARK RLTY CAP INC	COM	11135B100	1,573	159,500	SH	DFND	1,2,3,4	159,500	0	0
BROADSTONE NET LEASE INC	CL A COM	11135E104	4,226	251,830	SH	DFND	1,2,3,4	251,830	0	0
BROADCOM INC	COM	11135F101	371,447	1,019,562	SH	DFND	1,2,3,4	901,890	0	117,672
BROOKDALE SR LIVING INC	COM	112463104	658	259,150	SH	DFND	1,2,3,4	259,150	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	5,087	153,875	SH	DFND	1,2,3,4	153,875	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	2,424	43,764	SH	DFND	1,2,3,4	43,764	0	0
BROOKFIELD PPTY REIT INC	CL A	11282X103	788	64,344	SH	DFND	1,2,3,4	56,617	0	7,727
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	5,813	99,206	SH	DFND	1,2,3,4	99,206	0	0
BROOKLINE BANCORP INC DEL	COM	11373M107	1,061	122,769	SH	DFND	1,2,3,4	107,259	0	15,510
BROOKS AUTOMATION INC NEW	COM	114340102	5,775	124,846	SH	DFND	1,2,3,4	109,155	0	15,691
BROWN & BROWN INC	COM	115236101	18,387	406,157	SH	DFND	1,2,3,4	383,808	0	22,349
BROWN FORMAN CORP	CL A	115637100	2,059	29,986	SH	DFND	1,2,3,4	22,680	0	7,306
BROWN FORMAN CORP	CL B	115637209	23,898	317,282	SH	DFND	1,2,3,4	245,201	0	72,081
BRUKER CORP	COM	116794108	74,801	1,881,795	SH	DFND	1,2,3,4	970,963	0	910,832
BRUNSWICK CORP	COM	117043109	84,528	1,434,866	SH	DFND	1,2,3,4	1,203,612	0	231,254
BRYN MAWR BK CORP	COM	117665109	399	16,061	SH	DFND	1,2,3,4	16,061	0	0
B2GOLD CORP	COM	11777Q209	3,736	572,953	SH	DFND	1,2,3,4	550,151	0	22,802
BUCKLE INC	COM	118440106	753	36,945	SH	DFND	1,2,3,4	30,630	0	6,315
BUILDERS FIRSTSOURCE INC	COM	12008R107	17,680	542,007	SH	DFND	1,2,3,4	542,007	0	0
BURLINGTON STORES INC	COM	122017106	305,544	1,482,575	SH	DFND	1,2,3,4	1,368,485	0	114,090
BUSINESS FIRST BANCSHARES IN	COM	12326C105	393	26,178	SH	DFND	1,2,3,4	26,178	0	0
BYLINE BANCORP INC	COM	124411109	311	27,562	SH	DFND	1,2,3,4	26,966	0	596
CAE INC	COM	124765108	491	33,594	SH	DFND	1,2,3,4	27,800	0	5,794
CAI INTERNATIONAL INC	COM	12477X106	413	15,000	SH	DFND	1,2,3,4	15,000	0	0
CBIZ INC	COM	124805102	1,774	77,588	SH	DFND	1,2,3,4	77,588	0	0
CBTX INC	COM	12481V104	3,516	215,175	SH	DFND	1,2,3,4	215,175	0	0
CBM BANCORP INC	COM	1248XT104	2,787	227,307	SH	DFND	1,2,3,4	227,307	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	16,912	192,752	SH	DFND	1,2,3,4	170,346	0	22,406
CBRE GROUP INC	CL A	12504L109	327,108	6,964,200	SH	DFND	1,2,3,4	5,617,225	0	1,346,975
CDK GLOBAL INC	COM	12508E101	50,389	1,155,976	SH	DFND	1,2,3,4	1,088,911	0	67,065
CECO ENVIRONMENTAL CORP	COM	125141101	250	34,300	SH	DFND	1,2,3,4	34,300	0	0
CDW CORP	COM	12514G108	506,944	4,241,145	SH	DFND	1,2,3,4	3,629,015	0	612,130
CDW CORP	COM	12514G108	30,141	252,159	SH	DFND	1,2,3,4,6	222,851	0	29,308
CF BANKSHARES INC	COM	12520L109	5,299	438,689	SH	DFND	1,2,3,4	438,689	0	0
CF INDS HLDGS INC	COM	125269100	13,246	431,331	SH	DFND	1,2,3,4	394,143	0	37,188
CGI INC	CL A SUB VTG	12532H104	2,890	42,644	SH	DFND	1,2,3,4	37,601	0	5,043
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	107,898	1,055,852	SH	DFND	1,2,3,4	926,007	0	129,845
CIGNA CORP NEW	COM	125523100	185,831	1,096,933	SH	DFND	1,2,3,4	1,031,924	0	65,009
CIM COML TR CORP	COM NEW	125525584	104	10,566	SH	DFND	1,2,3,4	10,566	0	0
CIT GROUP INC	COM NEW	125581801	4,205	237,454	SH	DFND	1,2,3,4	237,086	0	368
CME GROUP INC	COM	12572Q105	263,200	1,573,128	SH	DFND	1,2,3,4	1,279,096	0	294,032
CMS ENERGY CORP	COM	125896100	25,550	416,052	SH	DFND	1,2,3,4	363,347	0	52,705
CNA FINL CORP	COM	126117100	667	22,237	SH	DFND	1,2,3,4	19,792	0	2,445
CNB FINL CORP PA	COM	126128107	285	19,194	SH	DFND	1,2,3,4	19,194	0	0

CRA INTL INC	COM	12618T105	266	7,100	SH	DFND	1,2,3,4	7,100	0	0
CNO FINL GROUP INC	COM	12621E103	5,946	370,671	SH	DFND	1,2,3,4	370,671	0	0
CSG SYS INTL INC	COM	126349109	12,726	310,778	SH	DFND	1,2,3,4	257,366	0	53,412
CSW INDUSTRIALS INC	COM	126402106	1,327	17,176	SH	DFND	1,2,3,4	17,100	0	76
CSX CORP	COM	126408103	232,204	2,989,626	SH	DFND	1,2,3,4	2,738,565	0	251,061
CTS CORP	COM	126501105	1,102	50,035	SH	DFND	1,2,3,4	43,800	0	6,235
CNX RES CORP	COM	12653C108	4,434	469,655	SH	DFND	1,2,3,4	469,655	0	0
CVB FINL CORP	COM	126600105	3,584	215,539	SH	DFND	1,2,3,4	188,083	0	27,456
CVR ENERGY INC	COM	12662P108	572	46,200	SH	DFND	1,2,3,4	46,200	0	0
CVS HEALTH CORP	COM	126650100	113,233	1,938,920	SH	DFND	1,2,3,4	1,792,032	0	146,888
CABLE ONE INC	COM	12685J105	17,657	9,365	SH	DFND	1,2,3,4	8,120	0	1,245
CABOT CORP	COM	127055101	3,076	85,366	SH	DFND	1,2,3,4	80,278	0	5,088
CABOT OIL & GAS CORP	COM	127097103	12,146	699,642	SH	DFND	1,2,3,4	522,686	0	176,956
CABOT MICROELECTRONICS CORP	COM	12709P103	11,316	79,238	SH	DFND	1,2,3,4	79,198	0	40
CACI INTL INC	CL A	127190304	11,906	55,856	SH	DFND	1,2,3,4	53,225	0	2,631
CACTUS INC	CL A	127203107	23,971	1,249,126	SH	DFND	1,2,3,4	1,060,932	0	188,194
CADENCE DESIGN SYSTEM INC	COM	127387108	50,633	474,847	SH	DFND	1,2,3,4	398,616	0	76,231
CADENCE BANCORPORATION	CL A	12739A100	2,536	295,246	SH	DFND	1,2,3,4	268,200	0	27,046
CADIZ INC	COM NEW	127537207	128	12,900	SH	DFND	1,2,3,4	12,900	0	0
CAESARS ENTMT CORP	NOTE 5.000%10/0	127686AA1	1,051	533,382	PRN	DFND	1,2,3,4	533,382	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	23,788	424,333	SH	DFND	1,2,3,4	424,333	0	0
CAL MAINE FOODS INC	COM NEW	128030202	2,178	56,763	SH	DFND	1,2,3,4	48,711	0	8,052
CALAMP CORP	COM	128126109	430	59,843	SH	DFND	1,2,3,4	50,600	0	9,243
CALAVO GROWERS INC	COM	128246105	3,896	58,785	SH	DFND	1,2,3,4	55,175	0	3,610
CALERES INC	COM	129500104	564	59,027	SH	DFND	1,2,3,4	51,827	0	7,200
CALIFORNIA BANCORP	COM	13005U101	5,099	450,045	SH	DFND	1,2,3,4	450,045	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	4,034	92,833	SH	DFND	1,2,3,4	82,291	0	10,542
CALITHERA BIOSCIENCES INC	COM	13089P101	273	79,200	SH	DFND	1,2,3,4	79,200	0	0
CALIX INC	COM	13100M509	1,042	58,600	SH	DFND	1,2,3,4	58,600	0	0
CALLAWAY GOLF CO	COM	131193104	99,037	5,174,367	SH	DFND	1,2,3,4	4,334,223	0	840,144
CALYXT INC	COM	13173L107	131	23,800	SH	DFND	1,2,3,4	23,800	0	0
CAMBRIDGE BANCORP	COM	132152109	276	5,200	SH	DFND	1,2,3,4	5,200	0	0
CAMDEN NATL CORP	COM	133034108	599	19,833	SH	DFND	1,2,3,4	19,833	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	145,275	1,632,675	SH	DFND	1,2,3,4	1,434,906	0	197,769
CAMECO CORP	COM	13321L108	569	56,383	SH	DFND	1,2,3,4	56,383	0	0
CAMPBELL SOUP CO	COM	134429109	16,446	340,014	SH	DFND	1,2,3,4	299,933	0	40,081
CAMPING WORLD HLDGS INC	CL A	13462K109	1,229	41,300	SH	DFND	1,2,3,4	41,300	0	0
CANADIAN IMP BK COMM	COM	136069101	4,993	66,826	SH	DFND	1,2,3,4	57,129	0	9,697
CANADIAN NATL RY CO	COM	136375102	17,262	162,142	SH	DFND	1,2,3,4	79,122	0	83,020
CANADIAN NAT RES LTD	COM	136385101	11,103	693,532	SH	DFND	1,2,3,4	692,910	0	622
CANADIAN PAC RY LTD	COM	13645T100	5,009	16,455	SH	DFND	1,2,3,4	16,455	0	0
CANADIAN SOLAR INC	COM	136635109	9,396	267,684	SH	DFND	1,2,3,4	267,684	0	0
CANNAE HLDGS INC	COM	13765N107	4,448	119,368	SH	DFND	1,2,3,4	119,361	0	7
CANOPY GROWTH CORP	COM	138035100	386	26,966	SH	DFND	1,2,3,4	22,030	0	4,936
CANTEL MED CORP	COM	138098108	4,336	98,675	SH	DFND	1,2,3,4	98,675	0	0
CAPITAL CITY BK GROUP INC	COM	139674105	386	20,524	SH	DFND	1,2,3,4	20,524	0	0
CAPITAL BANCORP INC MD	COM	139737100	2,469	260,998	SH	DFND	1,2,3,4	260,998	0	0
CAPITAL ONE FINL CORP	COM	14040H105	63,990	890,487	SH	DFND	1,2,3,4	771,035	0	119,452
CAPITOL FED FINL INC	COM	14057J101	1,602	172,886	SH	DFND	1,2,3,4	172,886	0	0
CAPSTEAD MTG CORP	COM NO PAR	14067E506	691	123,037	SH	DFND	1,2,3,4	100,247	0	22,790

CAPSTAR FINL HLDGS INC	COM	14070T102	310	31,597	SH	DFND	1,2,3,4	31,597	0	0
CARA THERAPEUTICS INC	COM	140755109	785	61,700	SH	DFND	1,2,3,4	61,700	0	0
CARDINAL HEALTH INC	COM	14149Y108	25,925	552,192	SH	DFND	1,2,3,4	405,531	0	146,661
CARDIOVASCULAR SYS INC DEL	COM	141619106	1,821	46,280	SH	DFND	1,2,3,4	38,900	0	7,380
CARDLYTICS INC	COM	14161W105	2,280	32,306	SH	DFND	1,2,3,4	32,306	0	0
CAREDX INC	COM	14167L103	2,574	67,842	SH	DFND	1,2,3,4	67,842	0	0
CARETRUST REIT INC	COM	14174T107	5,241	294,523	SH	DFND	1,2,3,4	274,133	0	20,390
CARGURUS INC	COM CL A	141788109	15,720	726,791	SH	DFND	1,2,3,4	726,791	0	0
CARLISLE COS INC	COM	142339100	11,797	96,405	SH	DFND	1,2,3,4	91,620	0	4,785
CARMAX INC	COM	143130102	22,452	244,282	SH	DFND	1,2,3,4	212,554	0	31,728
CARLYLE GROUP INC	COM	14316J108	1,622	65,736	SH	DFND	1,2,3,4	51,450	0	14,286
CARNIVAL CORP	UNIT 99/99/9999	143658300	252	16,608	SH	DFND	1,2,3,4	16,608	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	11,828	779,173	SH	DFND	1,2,3,4	635,788	0	143,385
CARRIAGE SVCS INC	COM	143905107	469	21,000	SH	DFND	1,2,3,4	21,000	0	0
CARPARTS COM INC	COM	14427M107	385	35,600	SH	DFND	1,2,3,4	35,600	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	43,725	2,407,768	SH	DFND	1,2,3,4	2,008,671	0	399,097
CARRIER GLOBAL CORPORATION	COM	14448C104	41,702	1,365,497	SH	DFND	1,2,3,4	1,198,593	0	166,904
CARROLS RESTAURANT GROUP INC	COM	14574X104	345	53,500	SH	DFND	1,2,3,4	53,500	0	0
CARS COM INC	COM	14575E105	694	85,849	SH	DFND	1,2,3,4	85,716	0	133
CARTER BK & TR MARTINSVILLE	COM	146102108	11,274	1,695,293	SH	DFND	1,2,3,4	1,384,536	0	310,757
CARTERS INC	COM	146229109	6,241	72,089	SH	DFND	1,2,3,4	68,359	0	3,730
CARVANA CO	CL A	146869102	6,904	30,950	SH	DFND	1,2,3,4	21,050	0	9,900
CASA SYS INC	COM	14713L102	12,925	3,207,100	SH	DFND	1,2,3,4	2,646,794	0	560,306
CASELLA WASTE SYS INC	CL A	147448104	4,426	79,247	SH	DFND	1,2,3,4	79,247	0	0
CASEYS GEN STORES INC	COM	147528103	64,160	361,160	SH	DFND	1,2,3,4	324,680	0	36,480
CASI PHARMACEUTICALS INC	COM	14757U109	86	56,300	SH	DFND	1,2,3,4	56,300	0	0
CASS INFORMATION SYS INC	COM	14808P109	744	18,483	SH	DFND	1,2,3,4	18,366	0	117
CASSAVA SCIENCES INC	COM	14817C107	1,443	125,400	SH	DFND	1,2,3,4	125,400	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	653	12,700	SH	DFND	1,2,3,4	12,700	0	0
CATALENT INC	COM	148806102	19,603	228,842	SH	DFND	1,2,3,4	202,666	0	26,176
CATALYST PHARMACEUTICALS INC	COM	14888U101	442	148,800	SH	DFND	1,2,3,4	148,800	0	0
CATERPILLAR INC DEL	COM	149123101	181,047	1,213,859	SH	DFND	1,2,3,4	1,101,724	0	112,135
CATCHMARK TIMBER TR INC	CL A	14912Y202	1,118	125,208	SH	DFND	1,2,3,4	125,208	0	0
CATHAY GEN BANCORP	COM	149150104	5,701	262,955	SH	DFND	1,2,3,4	262,955	0	0
CATO CORP NEW	CL A	149205106	362	46,234	SH	DFND	1,2,3,4	42,404	0	3,830
CAVCO INDS INC DEL	COM	149568107	2,346	13,010	SH	DFND	1,2,3,4	11,100	0	1,910
CEL-SCI CORP	COM PAR NEW	150837607	500	39,200	SH	DFND	1,2,3,4	39,200	0	0
CELANESE CORP DEL	COM	150870103	19,887	185,078	SH	DFND	1,2,3,4	164,941	0	20,137
CELESTICA INC	SUB VTG SHS	15101Q108	152	22,049	SH	DFND	1,2,3,4	22,049	0	0
CELLULAR BIOMEDICINE GROUP I	COM NEW	15117P102	237	12,900	SH	DFND	1,2,3,4	12,900	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	1,058	46,600	SH	DFND	1,2,3,4	46,600	0	0
CENTENE CORP DEL	COM	15135B101	51,158	877,051	SH	DFND	1,2,3,4	775,593	0	101,458
CENOVUS ENERGY INC	COM	15135U109	4,854	1,247,789	SH	DFND	1,2,3,4	1,224,923	0	22,866
CENTERPOINT ENERGY INC	COM	15189T107	18,714	967,140	SH	DFND	1,2,3,4	716,058	0	251,082
CENTRAL GARDEN & PET CO	COM	153527106	544	13,620	SH	DFND	1,2,3,4	11,800	0	1,820
CENTRAL GARDEN &	CL A NON-VTG	153527205	2,078	57,504	SH	DFND	1,2,3,4	49,059	0	8,445

PET CO										
CENTRAL PAC FINL CORP	COM NEW	154760409	586	43,169	SH	DFND	1,2,3,4	36,339	0	6,830
CENTRAL VY CMNTY BANCORP	COM	155685100	179	14,500	SH	DFND	1,2,3,4	14,500	0	0
CENTURY ALUM CO	COM	156431108	361	50,694	SH	DFND	1,2,3,4	37,900	0	12,794
CENTURY BANCORP INC MASS	CL A NON VTG	156432106	302	4,600	SH	DFND	1,2,3,4	4,600	0	0
CENTURY CMNTYS INC	COM	156504300	1,754	41,439	SH	DFND	1,2,3,4	35,209	0	6,230
LUMEN TECHNOLOGIES INC	COM	156700106	17,309	1,715,425	SH	DFND	1,2,3,4	1,524,751	0	190,674
CERECOR INC	COM	15671L109	41	17,900	SH	DFND	1,2,3,4	17,900	0	0
CERENCE INC	COM	156727109	2,446	50,055	SH	DFND	1,2,3,4	50,055	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	17,222	208,378	SH	DFND	1,2,3,4	192,028	0	16,350
CERNER CORP	COM	156782104	40,831	564,825	SH	DFND	1,2,3,4	479,745	0	85,080
CERUS CORP	COM	157085101	1,197	191,200	SH	DFND	1,2,3,4	191,200	0	0
CEVA INC	COM	157210105	1,080	27,431	SH	DFND	1,2,3,4	22,000	0	5,431
CHAMPIONX CORPORATION	COM	15872M104	3,577	447,733	SH	DFND	1,2,3,4	447,733	0	0
CHANGE HEALTHCARE INC	COM	15912K100	99,042	6,825,782	SH	DFND	1,2,3,4	5,714,630	0	1,111,152
CHANNELADVISOR CORP	COM	159179100	281	19,400	SH	DFND	1,2,3,4	19,400	0	0
CHARLES RIV LABS INTL INC	COM	159864107	19,072	84,222	SH	DFND	1,2,3,4	75,928	0	8,294
CHART INDS INC	COM PAR \$0.01	16115Q308	70,963	1,009,867	SH	DFND	1,2,3,4	948,109	0	61,758
CHARTER COMMUNICATIONS INC N	CL A	16119P108	224,803	360,065	SH	DFND	1,2,3,4	302,987	0	57,078
CHASE CORP	COM	16150R104	820	8,600	SH	DFND	1,2,3,4	8,600	0	0
CHATHAM LODGING TR	COM	16208T102	591	77,602	SH	DFND	1,2,3,4	68,872	0	8,730
CHEESECAKE FACTORY INC	COM	163072101	1,810	65,246	SH	DFND	1,2,3,4	56,165	0	9,081
CHEFS WHSE INC	COM	163086101	486	33,400	SH	DFND	1,2,3,4	27,000	0	6,400
CHEGG INC	COM	163092109	161,823	2,265,156	SH	DFND	1,2,3,4	2,048,456	0	216,700
CHEMBIO DIAGNOSTICS INC	COM NEW	163572209	372	76,600	SH	DFND	1,2,3,4	76,600	0	0
CHEMED CORP NEW	COM	16359R103	13,805	28,740	SH	DFND	1,2,3,4	25,950	0	2,790
CHEMOCENTRYX INC	COM	16383L106	5,647	103,041	SH	DFND	1,2,3,4	103,041	0	0
CHEMOURS CO	COM	163851108	5,595	267,586	SH	DFND	1,2,3,4	253,022	0	14,564
CHEMUNG FINL CORP	COM	164024101	1,115	38,623	SH	DFND	1,2,3,4	38,623	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	8,142	175,959	SH	DFND	1,2,3,4	129,493	0	46,466
CHERRY HILL MTG INVT CORP	COM	164651101	350	39,015	SH	DFND	1,2,3,4	39,015	0	0
CHESAPEAKE UTILS CORP	COM	165303108	3,354	39,787	SH	DFND	1,2,3,4	36,646	0	3,141
CHEVRON CORP NEW	COM	166764100	433,922	6,026,698	SH	DFND	1,2,3,4	5,667,382	0	359,316
CHEWY INC	CL A	16679L109	940	17,138	SH	DFND	1,2,3,4	17,138	0	0
CHIASMA INC	COM	16706W102	97	22,500	SH	DFND	1,2,3,4	22,500	0	0
CHICOS FAS INC	COM	168615102	31	32,220	SH	DFND	1,2,3,4	9,900	0	22,320
CHILDRENS PL INC	COM	168905107	246	8,665	SH	DFND	1,2,3,4	4,185	0	4,480
CHIMERA INVT CORP	COM NEW	16934Q208	2,354	287,100	SH	DFND	1,2,3,4	287,100	0	0
CHIMERIX INC	COM	16934W106	254	102,000	SH	DFND	1,2,3,4	102,000	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	51,986	41,799	SH	DFND	1,2,3,4	34,793	0	7,006
CHOICE HOTELS INTL INC	COM	169905106	4,279	49,784	SH	DFND	1,2,3,4	46,744	0	3,040
CHROMADEX CORP	COM NEW	171077407	177	44,200	SH	DFND	1,2,3,4	44,200	0	0
CHURCH & DWIGHT INC	COM	171340102	35,486	378,679	SH	DFND	1,2,3,4	316,557	0	62,122
CHURCHILL DOWNS INC	COM	171484108	26,217	160,038	SH	DFND	1,2,3,4	124,038	0	36,000
CHUYS HLDGS INC	COM	171604101	583	29,750	SH	DFND	1,2,3,4	26,100	0	3,650
CIENA CORP	COM NEW	171779309	134,669	3,393,017	SH	DFND	1,2,3,4	2,567,939	0	825,078
CIMAREX ENERGY CO	COM	171798101	19,667	808,342	SH	DFND	1,2,3,4	729,228	0	79,114
CINCINNATI BELL INC NEW	COM NEW	171871502	928	61,866	SH	DFND	1,2,3,4	52,436	0	9,430

CINCINNATI FINL CORP	COM	172062101	17,521	224,720	SH	DFND	1,2,3,4	199,720	0	25,000
CINEMARK HLDGS INC	COM	17243V102	2,544	254,351	SH	DFND	1,2,3,4	254,351	0	0
CIRCOR INTL INC	COM	17273K109	741	27,081	SH	DFND	1,2,3,4	23,361	0	3,720
CIRRUS LOGIC INC	COM	172755100	9,491	140,709	SH	DFND	1,2,3,4	135,509	0	5,200
CISCO SYS INC	COM	17275R102	306,316	7,776,503	SH	DFND	1,2,3,4	7,079,071	0	697,432
CINTAS CORP	COM	172908105	48,508	145,745	SH	DFND	1,2,3,4	114,391	0	31,354
CITIZENS & NORTHN CORP	COM	172922106	270	16,602	SH	DFND	1,2,3,4	16,602	0	0
CITIGROUP INC	COM NEW	172967424	336,911	7,815,143	SH	DFND	1,2,3,4	6,814,445	0	1,000,698
CITI TRENDS INC	COM	17306X102	28,642	1,146,598	SH	DFND	1,2,3,4	966,708	0	179,890
CITIZENS FINL GROUP INC	COM	174610105	22,607	894,272	SH	DFND	1,2,3,4	652,329	0	241,943
CITIZENS INC	CL A	174740100	365	65,809	SH	DFND	1,2,3,4	65,809	0	0
CITIZENS CMNTY BANCORP INC M	COM	174903104	3,112	451,635	SH	DFND	1,2,3,4	451,635	0	0
CITRIX SYS INC	COM	177376100	256,855	1,865,185	SH	DFND	1,2,3,4	1,714,027	0	151,158
CITY HLDG CO	COM	177835105	1,437	24,937	SH	DFND	1,2,3,4	21,317	0	3,620
CITY OFFICE REIT INC	COM	178587101	11,723	1,558,884	SH	DFND	1,2,3,4	1,301,946	0	256,938
CIVISTA BANCSHARES INC	COM NO PAR	178867107	1,975	157,747	SH	DFND	1,2,3,4	157,747	0	0
CLARUS CORP NEW	COM	18270P109	265	18,779	SH	DFND	1,2,3,4	18,779	0	0
CLEAN HARBORS INC	COM	184496107	4,631	82,651	SH	DFND	1,2,3,4	78,151	0	4,500
CLEAN ENERGY FUELS CORP	COM	184499101	4,383	1,767,454	SH	DFND	1,2,3,4	1,242,454	0	525,000
CLEARWATER PAPER CORP	COM	18538R103	682	17,966	SH	DFND	1,2,3,4	14,866	0	3,100
CLEARWAY ENERGY INC	CL A	18539C105	1,130	45,746	SH	DFND	1,2,3,4	38,800	0	6,946
CLEARWAY ENERGY INC	CL C	18539C204	2,900	107,552	SH	DFND	1,2,3,4	107,192	0	360
CLEVELAND-CLIFFS INC NEW	COM	185899101	4,180	651,049	SH	DFND	1,2,3,4	576,645	0	74,404
CLIPPER RLTY INC	COM	18885T306	106	17,500	SH	DFND	1,2,3,4	17,500	0	0
CLOROX CO DEL	COM	189054109	42,777	203,535	SH	DFND	1,2,3,4	172,145	0	31,390
CLOUDERA INC	COM	18914U100	3,427	314,718	SH	DFND	1,2,3,4	314,718	0	0
CLOUDFLARE INC	CL A COM	18915M107	2,592	63,120	SH	DFND	1,2,3,4	43,620	0	19,500
CLOVIS ONCOLOGY INC	COM	189464100	549	94,100	SH	DFND	1,2,3,4	94,100	0	0
CO-DIAGNOSTICS INC	COM	189763105	554	40,800	SH	DFND	1,2,3,4	40,800	0	0
COASTAL FINL CORP WA	COM NEW	19046P209	1,465	119,590	SH	DFND	1,2,3,4	119,590	0	0
COCA COLA CONS INC	COM	191098102	1,666	6,924	SH	DFND	1,2,3,4	5,900	0	1,024
COCA COLA CO	COM	191216100	732,825	14,843,525	SH	DFND	1,2,3,4	12,537,946	0	2,305,579
CODEXIS INC	COM	192005106	734	62,500	SH	DFND	1,2,3,4	62,500	0	0
CODORUS VY BANCORP INC	COM	192025104	141	10,791	SH	DFND	1,2,3,4	10,791	0	0
COEUR MNG INC	COM NEW	192108504	2,179	295,306	SH	DFND	1,2,3,4	295,306	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	3,869	64,427	SH	DFND	1,2,3,4	55,461	0	8,966
COGNEX CORP	COM	192422103	290,310	4,459,445	SH	DFND	1,2,3,4	4,109,959	0	349,486
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	503,361	7,250,952	SH	DFND	1,2,3,4	5,027,969	0	2,222,983
COHERENT INC	COM	192479103	8,514	76,752	SH	DFND	1,2,3,4	72,852	0	3,900
COHEN & STEERS INC	COM	19247A100	2,070	37,131	SH	DFND	1,2,3,4	37,131	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	82,736	4,511,239	SH	DFND	1,2,3,4	4,036,002	0	475,237
COHU INC	COM	192576106	883	51,372	SH	DFND	1,2,3,4	43,157	0	8,215
COLFAX CORP	COM	194014106	5,307	169,225	SH	DFND	1,2,3,4	160,355	0	8,870
COLGATE PALMOLIVE CO	COM	194162103	138,175	1,790,992	SH	DFND	1,2,3,4	1,515,162	0	275,830
COLLECTORS UNIVERSE INC	COM NEW	19421R200	348	7,034	SH	DFND	1,2,3,4	6,700	0	334
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	893	42,900	SH	DFND	1,2,3,4	42,900	0	0
COLONY CR REAL ESTATE INC	COM CL A	19625T101	458	93,198	SH	DFND	1,2,3,4	91,560	0	1,638

COLONY CAP INC NEW	CL A COM	19626G108	2,154	789,073	SH	DFND	1,2,3,4	789,073	0	0
COLUMBIA BKG SYS INC	COM	197236102	2,833	118,787	SH	DFND	1,2,3,4	103,301	0	15,486
COLUMBIA FINL INC	COM	197641103	667	60,100	SH	DFND	1,2,3,4	60,100	0	0
COLUMBIA PPTY TR INC	COM NEW	198287203	2,356	215,987	SH	DFND	1,2,3,4	215,987	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	4,154	47,760	SH	DFND	1,2,3,4	45,260	0	2,500
COLUMBUS MCKINNON CORP N Y	COM	199333105	801	24,200	SH	DFND	1,2,3,4	24,200	0	0
COMFORT SYS USA INC	COM	199908104	6,513	126,443	SH	DFND	1,2,3,4	118,505	0	7,938
COMCAST CORP NEW	CL A	20030N101	1,520,067	32,859,211	SH	DFND	1,2,3,4	29,409,081	0	3,450,130
COMERICA INC	COM	200340107	81,080	2,119,751	SH	DFND	1,2,3,4	1,590,362	0	529,389
COMMERCE BANCSHARES INC	COM	200525103	9,223	163,842	SH	DFND	1,2,3,4	154,911	0	8,931
COMMERCIAL METALS CO	COM	201723103	9,094	455,145	SH	DFND	1,2,3,4	455,145	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	907	100,808	SH	DFND	1,2,3,4	82,441	0	18,367
COMMUNITY BK SYS INC	COM	203607106	4,637	85,150	SH	DFND	1,2,3,4	73,790	0	11,360
COMMUNITY BANKERS TR CORP	COM	203612106	1,115	219,575	SH	DFND	1,2,3,4	219,575	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	865	204,874	SH	DFND	1,2,3,4	183,924	0	20,950
COMMUNITY HEALTHCARE TR INC	COM	20369C106	1,774	37,940	SH	DFND	1,2,3,4	33,970	0	3,970
COMMUNITY TR BANCORP INC	COM	204149108	1,744	61,728	SH	DFND	1,2,3,4	61,728	0	0
COMMVAULT SYSTEMS INC	COM	204166102	117,337	2,875,911	SH	DFND	1,2,3,4	2,415,330	0	460,581
CIA ENERGETICA DE MINAS GERA	SP ADR N-V PFD	204409601	4,081	2,205,872	SH	DFND	1,2,3,4	2,205,872	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	1,334	160,726	SH	DFND	1,2,3,4	160,726	0	0
COMPANHIA PARANAENSE ENERGC	SPON ADR PFD	20441B407	2,525	229,115	SH	DFND	1,2,3,4	229,115	0	0
COMPANIA DE MINAS BUENAVENTU	SPONSORED ADR	204448104	2,370	193,915	SH	DFND	1,2,3,4	154,515	0	39,400
COMPASS MINERALS INTL INC	COM	20451N101	4,713	79,407	SH	DFND	1,2,3,4	79,407	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	3,446	124,809	SH	DFND	1,2,3,4	122,459	0	2,350
COMSCORE INC	COM	20564W105	21	10,400	SH	DFND	1,2,3,4	10,400	0	0
COMSTOCK RES INC	COM	205768302	449	102,600	SH	DFND	1,2,3,4	102,600	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	437	31,237	SH	DFND	1,2,3,4	26,637	0	4,600
CONAGRA BRANDS INC	COM	205887102	30,635	857,878	SH	DFND	1,2,3,4	778,174	0	79,704
CONCERT PHARMACEUTICALS INC	COM	206022105	396	40,300	SH	DFND	1,2,3,4	40,300	0	0
CONCHO RES INC	COM	20605P101	13,467	305,241	SH	DFND	1,2,3,4	272,979	0	32,262
CONCRETE PUMPING HLDGS INC	COM	206704108	53	14,900	SH	DFND	1,2,3,4	14,900	0	0
CONDUENT INC	COM	206787103	677	213,026	SH	DFND	1,2,3,4	211,761	0	1,265
CONMED CORP	COM	207410101	4,441	56,456	SH	DFND	1,2,3,4	51,136	0	5,320
CONNECTONE BANCORP INC	COM	20786W107	5,417	384,984	SH	DFND	1,2,3,4	384,984	0	0
CONNS INC	COM	208242107	237	22,380	SH	DFND	1,2,3,4	18,800	0	3,580
CONOCOPHILLIPS	COM	20825C104	125,774	3,829,916	SH	DFND	1,2,3,4	3,232,816	0	597,100
CONSOL ENERGY INC DISC COML	COM	20854L108	129	29,130	SH	DFND	1,2,3,4	24,300	0	4,830
CONSOLIDATED COMM HLDGS INC	COM	209034107	587	103,151	SH	DFND	1,2,3,4	89,551	0	13,600
CONSOLIDATED EDISON INC	COM	209115104	40,681	522,894	SH	DFND	1,2,3,4	460,933	0	61,961
CONSTELLATION BRANDS INC	CL A	21036P108	46,286	244,240	SH	DFND	1,2,3,4	225,161	0	19,079
CONSTELLATION PHARMCETICLS I	COM	210373106	1,883	92,941	SH	DFND	1,2,3,4	92,941	0	0

CONSTRUCTION PARTNERS INC	COM CL A	21044C107	349	19,200	SH	DFND	1,2,3,4	19,200	0	0
CONTAINER STORE GROUP INC	COM	210751103	120	19,300	SH	DFND	1,2,3,4	19,300	0	0
CONTANGO OIL & GAS CO	COM NEW	21075N204	52	38,900	SH	DFND	1,2,3,4	38,900	0	0
CONTINENTAL RES INC	COM	212015101	822	66,968	SH	DFND	1,2,3,4	60,363	0	6,605
CONTRAFECT CORP	COM NEW	212326300	55	10,400	SH	DFND	1,2,3,4	10,400	0	0
COOPER COS INC	COM NEW	216648402	25,006	74,174	SH	DFND	1,2,3,4	65,500	0	8,674
COOPER STD HLDGS INC	COM	21676P103	337	25,520	SH	DFND	1,2,3,4	22,400	0	3,120
COOPER TIRE & RUBR CO	COM	216831107	67,837	2,139,965	SH	DFND	1,2,3,4	1,791,041	0	348,924
COPART INC	COM	217204106	525,762	4,999,641	SH	DFND	1,2,3,4	4,578,784	0	420,857
CORBUS PHARMACEUTICALS HLDGS	COM	21833P103	159	88,300	SH	DFND	1,2,3,4	88,300	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	4,284	246,134	SH	DFND	1,2,3,4	226,764	0	19,370
CORE MARK HOLDING CO INC	COM	218681104	2,170	74,992	SH	DFND	1,2,3,4	65,352	0	9,640
CORESITE RLTY CORP	COM	21870Q105	8,894	74,813	SH	DFND	1,2,3,4	68,810	0	6,003
COREENERGY INFRASTRUCTURE TR	COM NEW	21870U502	226	38,782	SH	DFND	1,2,3,4	38,782	0	0
CORELOGIC INC	COM	21871D103	9,452	139,684	SH	DFND	1,2,3,4	125,736	0	13,948
CORECIVIC INC	COM	21871N101	3,623	452,824	SH	DFND	1,2,3,4	430,534	0	22,290
COREPOINT LODGING INC	COM	21872L104	328	60,250	SH	DFND	1,2,3,4	60,250	0	0
CORMEDIX INC	COM	21900C308	122	20,300	SH	DFND	1,2,3,4	20,300	0	0
CORNERSTONE BLDG BRANDS INC	COM	21925D109	424	53,100	SH	DFND	1,2,3,4	53,100	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	2,962	81,472	SH	DFND	1,2,3,4	81,472	0	0
CORNING INC	COM	219350105	40,967	1,264,029	SH	DFND	1,2,3,4	1,137,141	0	126,888
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	5,559	234,370	SH	DFND	1,2,3,4	224,410	0	9,960
CORTEVA INC	COM	22052L104	41,908	1,454,636	SH	DFND	1,2,3,4	1,332,171	0	122,465
CORTEXIME INC	COM	22053A107	970	19,400	SH	DFND	1,2,3,4	19,400	0	0
CORVEL CORP	COM	221006109	1,550	18,144	SH	DFND	1,2,3,4	16,424	0	1,720
COSTCO WHSL CORP NEW	COM	22160K105	1,248,199	3,516,054	SH	DFND	1,2,3,4	3,086,850	0	429,204
COSTAR GROUP INC	COM	22160N109	64,786	76,353	SH	DFND	1,2,3,4	64,703	0	11,650
COTY INC	COM CL A	222070203	3,025	1,120,351	SH	DFND	1,2,3,4	478,686	0	641,665
COUPA SOFTWARE INC	COM	22266L106	59,230	215,978	SH	DFND	1,2,3,4	184,709	0	31,269
COUSINS PPTYS INC	COM NEW	222795502	98,218	3,435,403	SH	DFND	1,2,3,4	2,945,434	0	489,969
COVANTA HLDG CORP	COM	22282E102	1,211	156,300	SH	DFND	1,2,3,4	156,300	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	369	21,100	SH	DFND	1,2,3,4	21,100	0	0
COVETRUS INC	COM	22304C100	3,774	154,655	SH	DFND	1,2,3,4	136,368	0	18,287
COWEN INC	CL A NEW	223622606	2,592	159,321	SH	DFND	1,2,3,4	159,321	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	7,735	67,461	SH	DFND	1,2,3,4	67,302	0	159
CRAFT BREW ALLIANCE INC	COM	224122101	477	28,900	SH	DFND	1,2,3,4	28,900	0	0
CRANE CO	COM	224399105	18,020	359,475	SH	DFND	1,2,3,4	355,175	0	4,300
CRAWFORD & CO	CL A	224633206	80	12,300	SH	DFND	1,2,3,4	12,300	0	0
CREDIT ACCEP CORP MICH	COM	225310101	1,901	5,613	SH	DFND	1,2,3,4	4,684	0	929
CREE INC	COM	225447101	226,745	3,557,350	SH	DFND	1,2,3,4	2,698,169	0	859,181
CRESCENT PT ENERGY CORP	COM	22576C101	34	28,065	SH	DFND	1,2,3,4	28,065	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	406	25,900	SH	DFND	1,2,3,4	25,900	0	0
CRITEO S A	SPONS ADS	226718104	54,486	4,469,721	SH	DFND	1,2,3,4	3,733,330	0	736,391
CROCS INC	COM	227046109	77,496	1,813,622	SH	DFND	1,2,3,4	1,540,145	0	273,477
CRONOS GROUP INC	COM	22717L101	80	15,914	SH	DFND	1,2,3,4	11,790	0	4,124
CROSS CTRY	COM	227483104	448	69,105	SH	DFND	1,2,3,4	62,595	0	6,510

HEALTHCARE INC										
CROSSFIRST BANKSHARES INC	COM	22766M109	396	45,544	SH	DFND	1,2,3,4	45,544	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	89,090	648,780	SH	DFND	1,2,3,4	569,110	0	79,670
CROWN CASTLE INTL CORP NEW	COM	22822V101	119,467	717,519	SH	DFND	1,2,3,4	564,821	0	152,698
CROWN HLDGS INC	COM	228368106	6,029	78,447	SH	DFND	1,2,3,4	65,675	0	12,772
CRYOLIFE INC	COM	228903100	907	49,118	SH	DFND	1,2,3,4	42,068	0	7,050
CRYOPORT INC	COM PAR \$0.001	229050307	1,924	40,600	SH	DFND	1,2,3,4	40,600	0	0
CTO REALTY GROWTH INC	COM	22948P103	313	7,100	SH	DFND	1,2,3,4	7,100	0	0
CUBESMART	COM	229663109	260,300	8,056,316	SH	DFND	1,2,3,4	7,226,956	0	829,360
CUBIC CORP	COM	229669106	2,504	43,050	SH	DFND	1,2,3,4	37,214	0	5,836
CUE BIOPHARMA INC	COM	22978P106	480	31,900	SH	DFND	1,2,3,4	31,900	0	0
CULLEN FROST BANKERS INC	COM	229899109	5,931	92,750	SH	DFND	1,2,3,4	87,835	0	4,915
CUMMINS INC	COM	231021106	54,481	258,008	SH	DFND	1,2,3,4	230,171	0	27,837
CURO GROUP HOLDINGS CORP	COM	23131L107	419	59,500	SH	DFND	1,2,3,4	59,500	0	0
CURTISS WRIGHT CORP	COM	231561101	26,252	281,496	SH	DFND	1,2,3,4	277,846	0	3,650
CUSTOMERS BANCORP INC	COM	23204G100	480	42,880	SH	DFND	1,2,3,4	37,500	0	5,380
CUTERA INC	COM	232109108	646	34,050	SH	DFND	1,2,3,4	30,800	0	3,250
CYCLERION THERAPEUTICS INC	COM	23255M105	207	34,020	SH	DFND	1,2,3,4	34,020	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	772	106,600	SH	DFND	1,2,3,4	106,600	0	0
CYTOKINETICS INC	COM NEW	23282W605	2,198	101,530	SH	DFND	1,2,3,4	88,400	0	13,130
CYRUSONE INC	COM	23283R100	16,150	230,622	SH	DFND	1,2,3,4	220,272	0	10,350
CYTOSORBENTS CORP	COM NEW	23283X206	417	52,300	SH	DFND	1,2,3,4	52,300	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	418	62,900	SH	DFND	1,2,3,4	62,900	0	0
DMC GLOBAL INC	COM	23291C103	697	21,150	SH	DFND	1,2,3,4	18,400	0	2,750
DMY TECHNOLOGY GROUP INC	COM	233253103	706	55,368	SH	DFND	1,2,3,4	55,368	0	0
D R HORTON INC	COM	23331A109	141,120	1,865,931	SH	DFND	1,2,3,4	1,794,539	0	71,392
DSP GROUP INC	COM	23332B106	302	22,950	SH	DFND	1,2,3,4	18,900	0	4,050
DTE ENERGY CO	COM	233331107	31,931	277,562	SH	DFND	1,2,3,4	241,976	0	35,586
DXP ENTERPRISES INC	COM NEW	233377407	432	26,793	SH	DFND	1,2,3,4	22,463	0	4,330
DXC TECHNOLOGY CO	COM	23355L106	8,258	462,615	SH	DFND	1,2,3,4	339,735	0	122,880
DAILY JOURNAL CORP	COM	233912104	315	1,300	SH	DFND	1,2,3,4	1,300	0	0
DAKTRONICS INC	COM	234264109	209	52,800	SH	DFND	1,2,3,4	46,000	0	6,800
DANA INCORPORATED	COM	235825205	112,941	9,167,290	SH	DFND	1,2,3,4	7,739,521	0	1,427,769
DANAHER CORPORATION	COM	235851102	351,374	1,631,793	SH	DFND	1,2,3,4	1,213,584	0	418,209
DARDEN RESTAURANTS INC	COM	237194105	19,695	195,502	SH	DFND	1,2,3,4	171,566	0	23,936
DARLING INGREDIENTS INC	COM	237266101	24,708	685,775	SH	DFND	1,2,3,4	685,775	0	0
DASEKE INC	COM	23753F107	127	23,600	SH	DFND	1,2,3,4	23,600	0	0
DATADOG INC	CL A COM	23804L103	86,311	844,862	SH	DFND	1,2,3,4	744,442	0	100,420
DAVE & BUSTERS ENTMT INC	COM	238337109	950	62,681	SH	DFND	1,2,3,4	49,630	0	13,051
DAVITA INC	COM	23918K108	36,523	426,421	SH	DFND	1,2,3,4	362,317	0	64,104
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	79,250	1,544,836	SH	DFND	1,2,3,4	1,424,743	0	120,093
DECKERS OUTDOOR CORP	COM	243537107	170,405	774,534	SH	DFND	1,2,3,4	721,927	0	52,607
DEERE & CO	COM	244199105	105,225	474,780	SH	DFND	1,2,3,4	434,465	0	40,315
DEL TACO RESTAURANTS INC NEW	COM	245496104	286	34,900	SH	DFND	1,2,3,4	34,900	0	0
DELEK US HLDGS INC NEW	COM	24665A103	1,116	100,262	SH	DFND	1,2,3,4	100,262	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	9,520	140,648	SH	DFND	1,2,3,4	128,844	0	11,804

DELTA AIR LINES INC DEL	COM NEW	247361702	49,431	1,616,449	SH	DFND	1,2,3,4	1,017,052	0	599,397
DENBURY INC	COM	24790A101	18,967	1,077,661	SH	DFND	1,2,3,4	1,060,088	0	17,573
DELUXE CORP	COM	248019101	2,115	82,202	SH	DFND	1,2,3,4	73,214	0	8,988
DENALI THERAPEUTICS INC	COM	24823R105	3,339	93,200	SH	DFND	1,2,3,4	93,200	0	0
DENNYS CORP	COM	24869P104	788	78,811	SH	DFND	1,2,3,4	78,811	0	0
DENTSPLY SIRONA INC	COM	24906P109	18,038	412,494	SH	DFND	1,2,3,4	293,051	0	119,443
DESCARTES SYS GROUP INC	COM	249906108	431	7,565	SH	DFND	1,2,3,4	7,565	0	0
DESIGNER BRANDS INC	CL A	250565108	531	97,807	SH	DFND	1,2,3,4	78,500	0	19,307
DEVON ENERGY CORP NEW	COM	25179M103	5,461	577,266	SH	DFND	1,2,3,4	512,037	0	65,229
DEXCOM INC	COM	252131107	59,641	144,678	SH	DFND	1,2,3,4	119,202	0	25,476
DIAMOND HILL INVT GROUP INC	COM NEW	25264R207	492	3,893	SH	DFND	1,2,3,4	3,893	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	2,047	403,816	SH	DFND	1,2,3,4	364,886	0	38,930
DIAMONDBACK ENERGY INC	COM	25278X109	7,082	235,125	SH	DFND	1,2,3,4	209,159	0	25,966
DICERNA PHARMACEUTICALS INC	COM	253031108	2,568	142,759	SH	DFND	1,2,3,4	142,759	0	0
DICKS SPORTING GOODS INC	COM	253393102	6,534	112,886	SH	DFND	1,2,3,4	107,406	0	5,480
DIEBOLD NXDF INC	COM	253651103	637	83,400	SH	DFND	1,2,3,4	68,950	0	14,450
DIGI INTL INC	COM	253798102	538	34,407	SH	DFND	1,2,3,4	26,950	0	7,457
DIGIMARC CORP NEW	COM	25381B101	402	18,000	SH	DFND	1,2,3,4	18,000	0	0
DIGITAL RLTY TR INC	COM	253868103	153,979	1,049,188	SH	DFND	1,2,3,4	973,744	0	75,444
DIME CMNTY BANCSHARES INC	COM	253922108	638	56,371	SH	DFND	1,2,3,4	51,101	0	5,270
DIGITAL TURBINE INC	COM NEW	25400W102	3,814	116,500	SH	DFND	1,2,3,4	116,500	0	0
DILLARDS INC	CL A	254067101	635	17,389	SH	DFND	1,2,3,4	17,389	0	0
DINE BRANDS GLOBAL INC	COM	254423106	1,407	25,768	SH	DFND	1,2,3,4	22,230	0	3,538
DIODES INC	COM	254543101	3,783	67,023	SH	DFND	1,2,3,4	57,829	0	9,194
DISNEY WALT CO	COM DISNEY	254687106	587,986	4,738,764	SH	DFND	1,2,3,4	3,994,094	0	744,670
DISNEY WALT CO	COM DISNEY	254687106	1,160	9,349	SH	DFND	1,2,3,4,6	1,735	0	7,614
DISCOVER FINL SVCS	COM	254709108	38,026	658,119	SH	DFND	1,2,3,4	418,633	0	239,486
DISCOVERY INC	COM SER A	25470F104	25,552	1,173,724	SH	DFND	1,2,3,4	1,144,597	0	29,127
DISCOVERY INC	COM SER C	25470F302	10,267	523,816	SH	DFND	1,2,3,4	462,706	0	61,110
DISH NETWORK CORPORATION	CL A	25470M109	15,650	539,101	SH	DFND	1,2,3,4	335,668	0	203,433
DISH NETWORK CORPORATION	NOTE 3.375% 8/1	25470MAB5	10,911	11,886,000	PRN	DFND	1,2,3,4	11,660,000	0	226,000
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	1,704	484,096	SH	DFND	1,2,3,4	439,763	0	44,333
DR REDDYS LABS LTD	ADR	256135203	703	10,109	SH	DFND	1,2,3,4	10,109	0	0
DOCUSIGN INC	COM	256163106	31,223	145,060	SH	DFND	1,2,3,4	113,010	0	32,050
DOLBY LABORATORIES INC	COM CL A	25659T107	76,421	1,153,007	SH	DFND	1,2,3,4	1,146,732	0	6,275
DOLLAR GEN CORP NEW	COM	256677105	279,168	1,331,780	SH	DFND	1,2,3,4	1,133,690	0	198,090
DOLLAR TREE INC	COM	256746108	36,881	403,781	SH	DFND	1,2,3,4	351,455	0	52,326
DOMINION ENERGY INC	COM	25746U109	126,547	1,603,283	SH	DFND	1,2,3,4	1,351,089	0	252,194
DOMINOS PIZZA INC	COM	25754A201	410,886	966,154	SH	DFND	1,2,3,4	894,827	0	71,327
DOMO INC	COM CL B	257554105	1,039	27,100	SH	DFND	1,2,3,4	27,100	0	0
DOMTAR CORP	COM NEW	257559203	4,767	181,457	SH	DFND	1,2,3,4	181,390	0	67
DONALDSON INC	COM	257651109	10,045	216,394	SH	DFND	1,2,3,4	203,973	0	12,421
DONEGAL GROUP INC	CL A	257701201	343	24,364	SH	DFND	1,2,3,4	24,364	0	0
DONNELLEY R R & SONS CO	COM	257867200	23	15,612	SH	DFND	1,2,3,4	0	0	15,612
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	640	47,900	SH	DFND	1,2,3,4	42,300	0	5,600
DORMAN PRODUCTS INC	COM	258278100	3,756	41,554	SH	DFND	1,2,3,4	35,230	0	6,324
DOUGLAS EMMETT INC	COM	25960P109	8,878	353,724	SH	DFND	1,2,3,4	338,994	0	14,730

DOUGLAS DYNAMICS INC	COM	25960R105	848	24,800	SH	DFND	1,2,3,4	24,800	0	0	
DOVER CORP	COM	260003108	200,184	1,847,739	SH	DFND	1,2,3,4	1,344,198	0	503,541	
DOW INC	COM	260557103	68,068	1,446,726	SH	DFND	1,2,3,4	1,086,731	0	359,995	
DRIL QUIP INC	COM	262037104	63,971	2,583,633	SH	DFND	1,2,3,4	2,162,505	0	421,128	
DROPBOX INC	CL A	26210C104	3,585	186,120	SH	DFND	1,2,3,4	142,130	0	43,990	
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	42,671	939,261	SH	DFND	1,2,3,4	882,687	0	56,574	
DUCOMMUN INC DEL	COM	264147109	436	13,253	SH	DFND	1,2,3,4	13,253	0	0	
DUKE REALTY CORP	COM NEW	264411505	26,199	709,989	SH	DFND	1,2,3,4	650,019	0	59,970	
DUKE ENERGY CORP NEW	COM NEW	26441C204	95,126	1,074,145	SH	DFND	1,2,3,4	948,057	0	126,088	
DUKE ENERGY CORP NEW	COM NEW	26441C204	71,486	807,200	SH	Call	DFND	1,2,3,4	0	0	0
DULUTH HLDGS INC	COM CL B	26443V101	368	30,100	SH	DFND	1,2,3,4	30,100	0	0	
DUN & BRADSTREET HLDGS INC	COM	26484T106	1,062	41,376	SH	DFND	1,2,3,4	29,991	0	11,385	
DUNKIN BRANDS GROUP INC	COM	265504100	12,896	157,442	SH	DFND	1,2,3,4	123,973	0	33,469	
DUPONT DE NEMOURS INC	COM	26614N102	58,803	1,059,889	SH	DFND	1,2,3,4	961,399	0	98,490	
DURECT CORP	COM	266605104	67	39,100	SH	DFND	1,2,3,4	39,100	0	0	
DYADIC INTL INC DEL	COM	26745T101	101	13,300	SH	DFND	1,2,3,4	13,300	0	0	
DYCOM INDS INC	COM	267475101	3,922	74,261	SH	DFND	1,2,3,4	74,261	0	0	
DYNATRACE INC	COM NEW	268150109	98,876	2,410,427	SH	DFND	1,2,3,4	2,143,214	0	267,213	
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	491	113,550	SH	DFND	1,2,3,4	113,550	0	0	
DYNEX CAP INC	COM	26817Q886	441	29,015	SH	DFND	1,2,3,4	29,015	0	0	
DZS INC	COM	268211109	121	12,900	SH	DFND	1,2,3,4	12,900	0	0	
E L F BEAUTY INC	COM	26856L103	713	38,800	SH	DFND	1,2,3,4	38,800	0	0	
EL POLLO LOCO HLDGS INC	COM	268603107	26,893	1,660,041	SH	DFND	1,2,3,4	1,365,593	0	294,448	
EOG RES INC	COM	26875P101	161,895	4,504,588	SH	DFND	1,2,3,4	4,183,688	0	320,900	
EQT CORP	COM	26884L109	5,920	457,833	SH	DFND	1,2,3,4	435,019	0	22,814	
EPR PPTYS	COM SH BEN INT	26884U109	4,099	149,065	SH	DFND	1,2,3,4	142,315	0	6,750	
EAGLE BANCORP INC MD	COM	268948106	1,479	55,193	SH	DFND	1,2,3,4	48,313	0	6,880	
E TRADE FINANCIAL CORP	COM NEW	269246401	31,123	621,845	SH	DFND	1,2,3,4	580,664	0	41,181	
EVO PMTS INC	CL A COM	26927E104	1,439	57,900	SH	DFND	1,2,3,4	57,900	0	0	
EAGLE MATLS INC	COM	26969P108	5,976	69,233	SH	DFND	1,2,3,4	65,573	0	3,660	
EAGLE PHARMACEUTICALS INC	COM	269796108	1,284	30,232	SH	DFND	1,2,3,4	27,982	0	2,250	
EAST WEST BANCORP INC	COM	27579R104	7,845	239,609	SH	DFND	1,2,3,4	223,965	0	15,644	
EASTERLY GOVT PPTYS INC	COM	27616P103	5,357	239,028	SH	DFND	1,2,3,4	158,713	0	80,315	
EASTGROUP PPTY INC	COM	277276101	15,984	123,587	SH	DFND	1,2,3,4	123,587	0	0	
EASTMAN CHEM CO	COM	277432100	16,298	208,623	SH	DFND	1,2,3,4	186,297	0	22,326	
EATON VANCE CORP	COM NON VTG	278265103	7,114	186,480	SH	DFND	1,2,3,4	176,605	0	9,875	
EATON VANCE MUN BD FD	COM	27827X101	158	11,970	SH	DFND	1,2,3,4	11,970	0	0	
EBAY INC.	COM	278642103	66,435	1,275,135	SH	DFND	1,2,3,4	1,088,765	0	186,370	
EBIX INC	COM NEW	278715206	616	29,891	SH	DFND	1,2,3,4	25,058	0	4,833	
ECHO GLOBAL LOGISTICS INC	COM	27875T101	2,675	103,822	SH	DFND	1,2,3,4	98,872	0	4,950	
EHOSTAR CORP	CL A	278768106	459	18,444	SH	DFND	1,2,3,4	14,152	0	4,292	
ECOLAB INC	COM	278865100	176,794	884,676	SH	DFND	1,2,3,4	588,029	0	296,647	
ECOPETROL S A	SPONSORED ADS	279158109	9,859	1,001,888	SH	DFND	1,2,3,4	954,422	0	47,466	
EDGEWELL PERS CARE CO	COM	28035Q102	3,528	126,542	SH	DFND	1,2,3,4	126,542	0	0	
EDISON INTL	COM	281020107	29,505	580,346	SH	DFND	1,2,3,4	512,627	0	67,719	
EDITAS MEDICINE INC	COM	28106W103	2,295	81,800	SH	DFND	1,2,3,4	81,800	0	0	
EDWARDS	COM	28176E108	1,121,843	14,054,655	SH	DFND	1,2,3,4	13,046,652	0	1,008,003	

LIFESCIENCES CORP										
EGAIN CORP	COM NEW	28225C806	145	10,200	SH	DFND	1,2,3,4	10,200	0	0
EHEALTH INC	COM	28238P109	3,255	41,198	SH	DFND	1,2,3,4	35,700	0	5,498
EIDOS THERAPEUTICS INC	COM	28249H104	975	19,300	SH	DFND	1,2,3,4	19,300	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	244	30,000	SH	DFND	1,2,3,4	30,000	0	0
89BIO INC	COM	282559103	257	10,000	SH	DFND	1,2,3,4	10,000	0	0
8X8 INC NEW	COM	282914100	2,509	161,370	SH	DFND	1,2,3,4	139,360	0	22,010
ELANCO ANIMAL HEALTH INC	COM	28414H103	5,968	213,686	SH	DFND	1,2,3,4	177,919	0	35,767
ELDORADO GOLD CORP NEW	COM	284902509	196	18,617	SH	DFND	1,2,3,4	18,617	0	0
ELECTRONIC ARTS INC	COM	285512109	1,198,418	9,189,616	SH	DFND	1,2,3,4	8,536,524	0	653,092
ELEMENT SOLUTIONS INC	COM	28618M106	921	87,655	SH	DFND	1,2,3,4	68,240	0	19,415
ELLINGTON FINANCIAL INC	COM	28852N109	1,940	158,251	SH	DFND	1,2,3,4	158,251	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	61	23,100	SH	DFND	1,2,3,4	23,100	0	0
EMCOR GROUP INC	COM	29084Q100	38,308	565,764	SH	DFND	1,2,3,4	565,764	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	14,723	142,490	SH	DFND	1,2,3,4	142,490	0	0
EMERSON ELEC CO	COM	291011104	137,646	2,099,227	SH	DFND	1,2,3,4	2,031,373	0	67,854
EMERALD HOLDING INC	COM	29103W104	64	31,200	SH	DFND	1,2,3,4	31,200	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	659	107,646	SH	DFND	1,2,3,4	94,656	0	12,990
EMPLOYERS HOLDINGS INC	COM	292218104	1,587	52,457	SH	DFND	1,2,3,4	45,917	0	6,540
ENBRIDGE INC	COM	29250N105	15,892	544,237	SH	DFND	1,2,3,4	499,745	0	44,492
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,171	25,570	SH	DFND	1,2,3,4	22,240	0	3,330
ENCORE CAP GROUP INC	COM	292554102	1,830	47,429	SH	DFND	1,2,3,4	40,169	0	7,260
ENCORE WIRE CORP	COM	292562105	1,516	32,665	SH	DFND	1,2,3,4	28,815	0	3,850
ENCOMPASS HEALTH CORP	COM	29261A100	10,618	163,407	SH	DFND	1,2,3,4	150,657	0	12,750
ENERGY FUELS INC	COM NEW	292671708	72	42,800	SH	DFND	1,2,3,4	42,800	0	0
ENERGY RECOVERY INC	COM	29270J100	465	56,740	SH	DFND	1,2,3,4	56,740	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	540	94,000	SH	DFND	1,2,3,4	94,000	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	3,954	101,010	SH	DFND	1,2,3,4	91,130	0	9,880
ENERSYS	COM	29275Y102	105,628	1,573,721	SH	DFND	1,2,3,4	1,336,872	0	236,849
ENERPAC TOOL GROUP CORP	CL A COM	292765104	1,702	90,504	SH	DFND	1,2,3,4	77,344	0	13,160
ENERPLUS CORP	COM	292766102	92	49,370	SH	DFND	1,2,3,4	49,370	0	0
ENLINK MIDSTREAM LLC	COM UNIT REP LTD	29336T100	56	23,968	SH	DFND	1,2,3,4	23,968	0	0
ENNIS INC	COM	293389102	502	28,779	SH	DFND	1,2,3,4	28,779	0	0
ENOCHIAN BIOSCIENCES INC	COM	29350E104	100	27,900	SH	DFND	1,2,3,4	27,900	0	0
ENPHASE ENERGY INC	COM	29355A107	30,080	364,212	SH	DFND	1,2,3,4	345,350	0	18,862
ENPRO INDS INC	COM	29355X107	1,745	30,941	SH	DFND	1,2,3,4	26,355	0	4,586
ENOVA INTL INC	COM	29357K103	426	26,013	SH	DFND	1,2,3,4	20,413	0	5,600
ENSIGN GROUP INC	COM	29358P101	4,489	78,668	SH	DFND	1,2,3,4	69,248	0	9,420
ENTEGRIS INC	COM	29362U104	131,517	1,769,125	SH	DFND	1,2,3,4	1,562,304	0	206,821
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	226	140,100	SH	DFND	1,2,3,4	140,100	0	0
ENTERGY CORP NEW	COM	29364G103	31,629	321,005	SH	DFND	1,2,3,4	258,334	0	62,671
ENTERPRISE BANCORP INC MASS	COM	293668109	214	10,200	SH	DFND	1,2,3,4	10,200	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	864	31,701	SH	DFND	1,2,3,4	31,701	0	0
ENTRAVISION	CL A	29382R107	105	69,400	SH	DFND	1,2,3,4	69,400	0	0

COMMUNICATIONS C										
ENVESTNET INC	COM	29404K106	9,606	124,490	SH	DFND	1,2,3,4	124,490	0	0
ENZO BIOCHEM INC	COM	294100102	128	60,600	SH	DFND	1,2,3,4	60,600	0	0
EPAM SYS INC	COM	29414B104	12,589	38,940	SH	DFND	1,2,3,4	29,340	0	9,600
ENVISTA HOLDINGS CORPORATION	COM	29415F104	2,020	81,840	SH	DFND	1,2,3,4	67,645	0	14,195
EPLUS INC	COM	294268107	1,399	19,116	SH	DFND	1,2,3,4	16,100	0	3,016
EPIZYME INC	COM	29428V104	1,640	137,500	SH	DFND	1,2,3,4	137,500	0	0
EQUIFAX INC	COM	294429105	28,809	183,615	SH	DFND	1,2,3,4	155,735	0	27,880
EQUINIX INC	COM	29444U700	123,001	161,816	SH	DFND	1,2,3,4	124,299	0	37,517
EQUINOX GOLD CORP	COM	29446Y502	124	10,600	SH	DFND	1,2,3,4	10,600	0	0
EQUITABLE HLDGS INC	COM	29452E101	2,586	141,758	SH	DFND	1,2,3,4	96,475	0	45,283
EQUITRANS MIDSTREAM CORP	COM	294600101	5,324	629,347	SH	DFND	1,2,3,4	589,448	0	39,899
EQUITY BANCSHARES INC	COM CL A	29460X109	305	19,669	SH	DFND	1,2,3,4	19,669	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	3,235	121,472	SH	DFND	1,2,3,4	111,080	0	10,392
EQUITY LIFESTYLE PTYS INC	COM	29472R108	10,914	178,040	SH	DFND	1,2,3,4	156,034	0	22,006
EQUITY RESIDENTIAL	SH BEN INT	29476L107	36,157	704,412	SH	DFND	1,2,3,4	637,729	0	66,683
ERIE INDTY CO	CL A	29530P102	3,406	16,196	SH	DFND	1,2,3,4	12,118	0	4,078
ESCO TECHNOLOGIES INC	COM	296315104	3,070	38,112	SH	DFND	1,2,3,4	32,502	0	5,610
ESPERION THERAPEUTICS INC NE	COM	29664W105	1,118	30,070	SH	DFND	1,2,3,4	30,070	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	21,710	1,185,030	SH	DFND	1,2,3,4	1,069,835	0	115,195
ESSENTIAL UTILS INC	COM	29670G102	18,825	467,693	SH	DFND	1,2,3,4	447,692	0	20,001
ESSEX PTY TR INC	COM	297178105	50,373	250,874	SH	DFND	1,2,3,4	218,068	0	32,806
ETHAN ALLEN INTERIORS INC	COM	297602104	607	44,848	SH	DFND	1,2,3,4	40,798	0	4,050
ETSY INC	COM	29786A106	177,996	1,463,425	SH	DFND	1,2,3,4	1,347,527	0	115,898
EURONET WORLDWIDE INC	COM	298736109	46,366	508,954	SH	DFND	1,2,3,4	471,823	0	37,131
EVELO BIOSCIENCES INC	COM	299734103	67	12,800	SH	DFND	1,2,3,4	12,800	0	0
EVENTBRITE INC	COM CL A	29975E109	915	84,300	SH	DFND	1,2,3,4	84,300	0	0
EVERCORE INC	CLASS A	29977A105	5,797	88,558	SH	DFND	1,2,3,4	85,108	0	3,450
EVERBRIDGE INC	COM	29978A104	64,173	510,404	SH	DFND	1,2,3,4	476,714	0	33,690
EVERI HLDGS INC	COM	30034T103	632	76,600	SH	DFND	1,2,3,4	76,600	0	0
EVERGY INC	COM	30034W106	16,270	320,153	SH	DFND	1,2,3,4	283,183	0	36,970
EVERTEC INC	COM	30040P103	6,055	174,437	SH	DFND	1,2,3,4	161,697	0	12,740
EVERSOURCE ENERGY	COM	30040W108	42,924	513,753	SH	DFND	1,2,3,4	451,016	0	62,737
EVERQUOTE INC	COM CL A	30041R108	753	19,500	SH	DFND	1,2,3,4	19,500	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	363	153,941	SH	DFND	1,2,3,4	153,941	0	0
EVOLUTION PETE CORP	COM	30049A107	75	33,600	SH	DFND	1,2,3,4	33,600	0	0
EVOLENT HEALTH INC	CL A	30050B101	1,132	91,200	SH	DFND	1,2,3,4	91,200	0	0
EVOLUS INC	COM	30052C107	254	65,000	SH	DFND	1,2,3,4	65,000	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	3,191	150,373	SH	DFND	1,2,3,4	150,373	0	0
EXACT SCIENCES CORP	COM	30063P105	8,500	83,377	SH	DFND	1,2,3,4	58,477	0	24,900
EXCHANGE TRADED CONCEPTS TR	ROBO GLB ETF	301505707	1,424	29,569	SH	DFND	1,2,3,4	29,569	0	0
EXELON CORP	COM	30161N101	53,094	1,484,726	SH	DFND	1,2,3,4	1,290,055	0	194,671
EXELIXIS INC	COM	30161Q104	17,355	709,812	SH	DFND	1,2,3,4	572,708	0	137,104
EXICURE INC	COM	30205M101	26	14,800	SH	DFND	1,2,3,4	14,800	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	3,973	60,222	SH	DFND	1,2,3,4	49,076	0	11,146
EXPEDIA GROUP INC	COM NEW	30212P303	21,082	229,931	SH	DFND	1,2,3,4	187,452	0	42,479
EXP WORLD HLDGS INC	COM	30212W100	1,178	29,200	SH	DFND	1,2,3,4	29,200	0	0
EXPEDITORS INTL WASH INC	COM	302130109	23,571	260,391	SH	DFND	1,2,3,4	220,322	0	40,069
EXPONENT INC	COM	30214U102	6,304	87,526	SH	DFND	1,2,3,4	76,448	0	11,078
EXPRESS INC	COM	30219E103	8	13,300	SH	DFND	1,2,3,4	13,300	0	0

EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	1,060	88,718	SH	DFND	1,2,3,4	72,360	0	16,358
EXTRA SPACE STORAGE INC	COM	30225T102	28,897	270,088	SH	DFND	1,2,3,4	225,850	0	44,238
EXTREME NETWORKS INC	COM	30226D106	1,193	296,656	SH	DFND	1,2,3,4	266,326	0	30,330
EXTERRAN CORP	COM	30227H106	200	48,130	SH	DFND	1,2,3,4	43,500	0	4,630
EZCORP INC	CL A NON VTG	30230I106	439	87,347	SH	DFND	1,2,3,4	77,647	0	9,700
EXXON MOBIL CORP	COM	30231G102	229,043	6,671,789	SH	DFND	1,2,3,4	6,185,988	0	485,801
FBL FINL GROUP INC	CL A	30239F106	511	10,608	SH	DFND	1,2,3,4	10,608	0	0
FLIR SYS INC	COM	302445101	6,968	194,353	SH	DFND	1,2,3,4	172,869	0	21,484
F M C CORP	COM NEW	30249I303	93,244	880,404	SH	DFND	1,2,3,4	788,014	0	92,390
F N B CORP	COM	302520101	3,599	530,800	SH	DFND	1,2,3,4	501,950	0	28,850
FB FINL CORP	COM	30257X104	1,243	49,493	SH	DFND	1,2,3,4	43,533	0	5,960
FS KKR CAPITAL CORP	COM	302635206	655	41,269	SH	DFND	1,2,3,4	41,269	0	0
FS BANCORP INC	COM	30263Y104	3,483	84,941	SH	DFND	1,2,3,4	84,941	0	0
FRP HLDGS INC	COM	30292L107	419	10,053	SH	DFND	1,2,3,4	10,053	0	0
FTI CONSULTING INC	COM	30294I109	7,927	74,802	SH	DFND	1,2,3,4	71,602	0	3,200
FACEBOOK INC	CL A	30303M102	5,105,253	19,493,140	SH	DFND	1,2,3,4	17,137,726	0	2,355,414
FACEBOOK INC	CL A	30303M102	36,490	139,328	SH	DFND	1,2,3,4,6	117,663	0	21,665
FACTSET RESH SYS INC	COM	303075105	25,702	76,750	SH	DFND	1,2,3,4	69,251	0	7,499
FAIR ISAAC CORP	COM	303250104	132,548	311,599	SH	DFND	1,2,3,4	281,322	0	30,277
FALCON MINERALS CORP	CL A COM	30607B109	29	11,900	SH	DFND	1,2,3,4	11,900	0	0
FARFETCH LTD	ORD SH CL A	30744W107	8,875	352,730	SH	DFND	1,2,3,4	352,730	0	0
FARMER BROS CO	COM	307675108	80	18,117	SH	DFND	1,2,3,4	18,117	0	0
FARMERS NATIONAL BANC CORP	COM	309627107	341	31,200	SH	DFND	1,2,3,4	31,200	0	0
FARMLAND PARTNERS INC	COM	31154R109	324	48,700	SH	DFND	1,2,3,4	48,700	0	0
FARO TECHNOLOGIES INC	COM	311642102	1,798	29,482	SH	DFND	1,2,3,4	25,162	0	4,320
FASTLY INC	CL A	31188V100	47,088	502,644	SH	DFND	1,2,3,4	462,392	0	40,252
FATE THERAPEUTICS INC	COM	31189P102	3,653	91,400	SH	DFND	1,2,3,4	91,400	0	0
FASTENAL CO	COM	311900104	43,101	955,879	SH	DFND	1,2,3,4	750,406	0	205,473
FEDERAL AGRIC MTG CORP	CL C	313148306	586	9,200	SH	DFND	1,2,3,4	9,200	0	0
FEDERAL RLTY INVT TR	SH BEN INT NEW	313747206	11,590	157,820	SH	DFND	1,2,3,4	127,821	0	29,999
FEDERAL SIGNAL CORP	COM	313855108	2,477	84,680	SH	DFND	1,2,3,4	71,600	0	13,080
FEDERATED HERMES INC	CL B	31421I103	5,188	241,171	SH	DFND	1,2,3,4	241,171	0	0
FEDERATED HERMES PREM MUNI I	COM	31423P108	156	10,946	SH	DFND	1,2,3,4	10,946	0	0
FEDEX CORP	COM	31428X106	106,166	422,097	SH	DFND	1,2,3,4	378,803	0	43,294
FEDNAT HLDG CO	COM	31431B109	144	22,800	SH	DFND	1,2,3,4	22,800	0	0
FERRO CORP	COM	315405100	1,556	125,496	SH	DFND	1,2,3,4	107,086	0	18,410
F5 NETWORKS INC	COM	315616102	108,622	884,758	SH	DFND	1,2,3,4	863,763	0	20,995
FIBROGEN INC	COM	31572Q808	9,136	222,190	SH	DFND	1,2,3,4	193,036	0	29,154
FIDELITY NATL INFORMATION SV	COM	31620M106	251,111	1,705,800	SH	DFND	1,2,3,4	1,512,943	0	192,857
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	62,020	1,980,847	SH	DFND	1,2,3,4	1,954,017	0	26,830
FIESTA RESTAURANT GROUP INC	COM	31660B101	237	25,340	SH	DFND	1,2,3,4	18,200	0	7,140
FIFTH THIRD BANCORP	COM	316773100	27,725	1,300,402	SH	DFND	1,2,3,4	960,389	0	340,013
FINANCIAL INSTNS INC	COM	317585404	275	17,842	SH	DFND	1,2,3,4	17,842	0	0
FIREEYE INC	COM	31816Q101	1,456	117,933	SH	DFND	1,2,3,4	93,713	0	24,220
FIRST AMERN FINL CORP	COM	31847R102	72,139	1,416,994	SH	DFND	1,2,3,4	1,215,954	0	201,040
FIRST BANCORP INC ME	COM	31866P102	290	13,779	SH	DFND	1,2,3,4	13,779	0	0
FIRST BANCORP P R	COM NEW	318672706	1,739	333,224	SH	DFND	1,2,3,4	286,734	0	46,490
FIRST BANCORP N C	COM	318910106	817	39,021	SH	DFND	1,2,3,4	39,021	0	0
FIRST BANCSHARES INC MS	COM	318916103	365	17,397	SH	DFND	1,2,3,4	17,397	0	0

FIRST BANK WILLIAMSTOWN NJ	COM	31931U102	1,308	211,038	SH	DFND	1,2,3,4	211,038	0	0
FIRST BUSEY CORP	COM NEW	319383204	1,135	71,417	SH	DFND	1,2,3,4	71,417	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	53,002	166,264	SH	DFND	1,2,3,4	140,615	0	25,649
FIRST CHOICE BANCORP	COM	31948P104	7,350	553,051	SH	DFND	1,2,3,4	553,051	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	1,262	163,058	SH	DFND	1,2,3,4	142,009	0	21,049
FIRST CMNTY BANKSHARES INC V	COM	31983A103	346	19,185	SH	DFND	1,2,3,4	19,185	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	6,214	522,203	SH	DFND	1,2,3,4	522,203	0	0
FIRST FINL BANCORP OH	COM	320209109	1,847	153,876	SH	DFND	1,2,3,4	132,986	0	20,890
FIRST FINL BANKSHARES	COM	32020R109	9,877	353,878	SH	DFND	1,2,3,4	353,878	0	0
FIRST FINL CORP IND	COM	320218100	649	20,653	SH	DFND	1,2,3,4	20,653	0	0
FIRST FNDTN INC	COM	32026V104	863	66,043	SH	DFND	1,2,3,4	66,043	0	0
FIRST HORIZON NATL CORP	COM	320517105	27,126	2,876,531	SH	DFND	1,2,3,4	2,515,273	0	361,258
FIRST HAWAIIAN INC	COM	32051X108	1,335	92,268	SH	DFND	1,2,3,4	52,912	0	39,356
FIRST INDL RLTY TR INC	COM	32054K103	13,527	339,863	SH	DFND	1,2,3,4	328,663	0	11,200
FIRST INTERNET BANCORP	COM	320557101	177	12,000	SH	DFND	1,2,3,4	12,000	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	2,061	64,722	SH	DFND	1,2,3,4	64,722	0	0
FIRST LONG IS CORP	COM	320734106	369	24,927	SH	DFND	1,2,3,4	24,927	0	0
FIRST MAJESTIC SILVER CORP	COM	32076V103	95	10,000	SH	DFND	1,2,3,4	10,000	0	0
FIRST MERCHANTS CORP	COM	320817109	1,844	79,618	SH	DFND	1,2,3,4	79,618	0	0
FIRST MID BANCSHARES INC	COM	320866106	1,104	44,247	SH	DFND	1,2,3,4	44,247	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	2,044	189,615	SH	DFND	1,2,3,4	165,315	0	24,300
FIRST REP BK SAN FRANCISCO C	COM	33616C100	27,798	254,890	SH	DFND	1,2,3,4	223,539	0	31,351
FIRST SAVINGS FINL GROUP INC	COM	33621E109	1,729	31,814	SH	DFND	1,2,3,4	31,814	0	0
FIRST SEACOAST BANCORP	COM	33631P102	123	15,894	SH	DFND	1,2,3,4	15,894	0	0
FIRST SOLAR INC	COM	336433107	15,759	238,046	SH	DFND	1,2,3,4	230,621	0	7,425
1ST SOURCE CORP	COM	336901103	16,867	546,925	SH	DFND	1,2,3,4	458,339	0	88,586
FIRSTCASH INC	COM	33767D105	6,209	108,526	SH	DFND	1,2,3,4	108,526	0	0
FIRSTSERVICE CORP NEW	COM	33767E202	251	1,900	SH	DFND	1,2,3,4	1,900	0	0
FISERV INC	COM	337738108	109,646	1,064,009	SH	DFND	1,2,3,4	831,083	0	232,926
FLAGSTAR BANCORP INC	COM PAR .001	337930705	3,873	130,706	SH	DFND	1,2,3,4	121,416	0	9,290
FIRSTENERGY CORP	COM	337932107	22,367	779,061	SH	DFND	1,2,3,4	689,961	0	89,100
FITBIT INC	CL A	33812L102	12,130	1,742,880	SH	DFND	1,2,3,4	1,742,880	0	0
FIVE BELOW INC	COM	33829M101	117,785	927,441	SH	DFND	1,2,3,4	843,184	0	84,257
FIVE9 INC	COM	338307101	77,895	600,670	SH	DFND	1,2,3,4	557,430	0	43,240
FIVE PRIME THERAPEUTICS INC	COM	33830X104	353	75,100	SH	DFND	1,2,3,4	75,100	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	31,088	130,566	SH	DFND	1,2,3,4	109,265	0	21,301
FLEXION THERAPEUTICS INC	COM	33938J106	549	52,700	SH	DFND	1,2,3,4	52,700	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	151,941	2,031,301	SH	DFND	1,2,3,4	1,843,381	0	187,920
FLUOR CORP NEW	COM	343412102	2,804	318,257	SH	DFND	1,2,3,4	318,252	0	5
FLOWERS FOODS INC	COM	343498101	7,905	324,904	SH	DFND	1,2,3,4	307,459	0	17,445
FLOWSERVE CORP	COM	34354P105	6,937	254,212	SH	DFND	1,2,3,4	170,354	0	83,858
FLUENT INC	COM	34380C102	88	35,300	SH	DFND	1,2,3,4	35,300	0	0
FLUIDIGM CORP DEL	COM	34385P108	531	71,500	SH	DFND	1,2,3,4	71,500	0	0

FLUSHING FINL CORP	COM	343873105	419	39,799	SH	DFND	1,2,3,4	39,799	0	0
FLYING EAGLE ACQUISITION COR	COM	34407Y103	3,752	308,565	SH	DFND	1,2,3,4	93,571	0	214,994
FOCUS FINL PARTNERS INC	COM CL A	34417P100	1,511	46,067	SH	DFND	1,2,3,4	46,067	0	0
FOOT LOCKER INC	COM	344849104	129,698	3,926,687	SH	DFND	1,2,3,4	3,309,913	0	616,774
FORD MTR CO DEL	COM	345370860	42,968	6,451,605	SH	DFND	1,2,3,4	5,582,868	0	868,737
FORESTAR GROUP INC	COM	346232101	334	18,882	SH	DFND	1,2,3,4	18,882	0	0
FORMA THERAPEUTICS HLDGS INC	SHS	34633R104	1,156	23,200	SH	DFND	1,2,3,4	23,200	0	0
FORMFACTOR INC	COM	346375108	2,688	107,802	SH	DFND	1,2,3,4	91,342	0	16,460
FORRESTER RESH INC	COM	346563109	377	11,503	SH	DFND	1,2,3,4	9,200	0	2,303
FORTIS INC	COM	349553107	4,243	103,851	SH	DFND	1,2,3,4	93,650	0	10,201
FORTINET INC	COM	34959E109	459,325	3,898,863	SH	DFND	1,2,3,4	3,634,641	0	264,222
FORTIVE CORP	COM	34959J108	37,977	498,322	SH	DFND	1,2,3,4	416,914	0	81,408
FORTRESS BIOTECH INC	COM	34960Q109	106	26,300	SH	DFND	1,2,3,4	26,300	0	0
FORTERRA INC	COM	34960W106	337	28,500	SH	DFND	1,2,3,4	28,500	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	17,861	206,441	SH	DFND	1,2,3,4	180,536	0	25,905
FORWARD AIR CORP	COM	349853101	3,770	65,697	SH	DFND	1,2,3,4	59,510	0	6,187
FOSSIL GROUP INC	COM	34988V106	205	35,780	SH	DFND	1,2,3,4	27,100	0	8,680
FOUNDATION BLDG MATLS INC	COM	350392106	498	31,657	SH	DFND	1,2,3,4	27,000	0	4,657
FOUR CORNERS PPTY TR INC	COM	35086T109	3,572	139,574	SH	DFND	1,2,3,4	124,634	0	14,940
FOX CORP	CL A COM	35137L105	16,620	597,180	SH	DFND	1,2,3,4	465,484	0	131,696
FOX CORP	CL B COM	35137L204	8,505	304,060	SH	DFND	1,2,3,4	205,877	0	98,183
FOX FACTORY HLDG CORP	COM	35138V102	86,955	1,169,848	SH	DFND	1,2,3,4	1,110,480	0	59,368
FRANCHISE GROUP INC	COM	35180X105	416	16,400	SH	DFND	1,2,3,4	16,400	0	0
FRANCO NEV CORP	COM	351858105	8,746	62,656	SH	DFND	1,2,3,4	58,534	0	4,122
FRANKLIN COVEY CO	COM	353469109	291	16,400	SH	DFND	1,2,3,4	16,400	0	0
FRANKLIN ELEC INC	COM	353514102	5,459	92,789	SH	DFND	1,2,3,4	84,423	0	8,366
FRANKLIN RESOURCES INC	COM	354613101	13,319	654,508	SH	DFND	1,2,3,4	425,195	0	229,313
FRANKLIN STR PPTYS CORP	COM	35471R106	673	183,915	SH	DFND	1,2,3,4	165,915	0	18,000
FREEPORT-MCMORAN INC	CL B	35671D857	37,140	2,374,666	SH	DFND	1,2,3,4	2,137,765	0	236,901
FRESHPET INC	COM	358039105	193,076	1,729,294	SH	DFND	1,2,3,4	1,594,019	0	135,275
FREQUENCY THERAPEUTICS INC	COM	35803L108	638	33,200	SH	DFND	1,2,3,4	33,200	0	0
FRONT YD RESIDENTIAL CORP	COM	35904G107	519	59,381	SH	DFND	1,2,3,4	53,639	0	5,742
FRONTDOOR INC	COM	35905A109	1,591	40,899	SH	DFND	1,2,3,4	31,979	0	8,920
FUELCELL ENERGY INC	COM	35952H601	27	12,400	SH	DFND	1,2,3,4	12,400	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	125	15,700	SH	DFND	1,2,3,4	15,700	0	0
FULGENT GENETICS INC	COM	359664109	501	12,514	SH	DFND	1,2,3,4	10,300	0	2,214
FULLER H B CO	COM	359694106	3,733	81,546	SH	DFND	1,2,3,4	70,556	0	10,990
FULTON FINL CORP PA	COM	360271100	4,042	433,212	SH	DFND	1,2,3,4	433,212	0	0
FUNKO INC	COM CL A	361008105	318	54,900	SH	DFND	1,2,3,4	54,900	0	0
FUTUREFUEL CORP	COM	36116M106	522	45,951	SH	DFND	1,2,3,4	39,083	0	6,868
FUSION PHARMACEUTICALS INC	COM	36118A100	444	36,942	SH	DFND	1,2,3,4	36,942	0	0
FVCBANKCORP INC	COM	36120Q101	4,746	474,550	SH	DFND	1,2,3,4	474,550	0	0
GAMCO INVS INC	CL A COM	361438104	286	24,753	SH	DFND	1,2,3,4	24,753	0	0
GATX CORP	COM	361448103	90,591	1,421,034	SH	DFND	1,2,3,4	1,203,636	0	217,398
GEO GROUP INC NEW	COM	36162J106	3,537	311,870	SH	DFND	1,2,3,4	311,870	0	0
GCI LIBERTY INC	COM CLASS A	36164V305	4,204	51,296	SH	DFND	1,2,3,4	42,553	0	8,743
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	40,855	1,950,111	SH	DFND	1,2,3,4	1,637,229	0	312,882
GDS HLDGS LTD	SPONSORED ADS	36165L108	44,522	544,083	SH	DFND	1,2,3,4	544,083	0	0
GW	ADS	36197T103	5,928	60,889	SH	DFND	1,2,3,4	60,889	0	0

PHARMACEUTICALS PLC										
G1 THERAPEUTICS INC	COM	3621LQ109	509	44,100	SH	DFND	1,2,3,4	44,100	0	0
GP STRATEGIES CORP	COM	36225V104	116	12,000	SH	DFND	1,2,3,4	12,000	0	0
G III APPAREL GROUP LTD	COM	36237H101	916	69,901	SH	DFND	1,2,3,4	61,144	0	8,757
GTT COMMUNICATIONS INC	COM	362393100	134	25,900	SH	DFND	1,2,3,4	25,900	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	55	20,900	SH	DFND	1,2,3,4	20,900	0	0
GMS INC	COM	36251C103	4,028	167,126	SH	DFND	1,2,3,4	157,041	0	10,085
GALAPAGOS NV	SPON ADR	36315X101	6,155	43,370	SH	DFND	1,2,3,4	43,370	0	0
GALECTIN THERAPEUTICS INC	COM NEW	363225202	37	14,000	SH	DFND	1,2,3,4	14,000	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	28,941	274,114	SH	DFND	1,2,3,4	239,458	0	34,656
GAMING & LEISURE PTYS INC	COM	36467J108	34,835	943,270	SH	DFND	1,2,3,4	924,890	0	18,380
GAMESTOP CORP NEW	CL A	36467W109	2,305	225,945	SH	DFND	1,2,3,4	95,515	0	130,430
GANNETT CO INC	COM	36472T109	175	134,849	SH	DFND	1,2,3,4	109,302	0	25,547
GAP INC	COM	364760108	110,287	6,476,048	SH	DFND	1,2,3,4	5,412,137	0	1,063,911
GARTNER INC	COM	366651107	17,481	139,904	SH	DFND	1,2,3,4	117,883	0	22,021
GENASYS INC	COM	36872P103	62	10,000	SH	DFND	1,2,3,4	10,000	0	0
GENERAC HLDGS INC	COM	368736104	24,611	127,098	SH	DFND	1,2,3,4	116,598	0	10,500
GENERAL DYNAMICS CORP	COM	369550108	46,889	338,722	SH	DFND	1,2,3,4	311,780	0	26,942
GENERAL ELECTRIC CO	COM	369604103	76,712	12,313,328	SH	DFND	1,2,3,4	11,322,285	0	991,043
GENERAL MLS INC	COM	370334104	93,414	1,514,497	SH	DFND	1,2,3,4	1,417,133	0	97,364
GENERAL MTRS CO	COM	37045V100	58,183	1,966,300	SH	DFND	1,2,3,4	1,825,876	0	140,424
GENESCO INC	COM	371532102	3,589	166,625	SH	DFND	1,2,3,4	161,688	0	4,937
GENTEX CORP	COM	371901109	47,031	1,826,443	SH	DFND	1,2,3,4	1,804,498	0	21,945
GENIE ENERGY LTD	CL B	372284208	136	17,000	SH	DFND	1,2,3,4	17,000	0	0
GENMAB A/S	SPONSORED ADS	372303206	11,320	309,209	SH	DFND	1,2,3,4	309,209	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	1,085	76,400	SH	DFND	1,2,3,4	76,400	0	0
GENPREX INC	COM	372446104	138	41,000	SH	DFND	1,2,3,4	41,000	0	0
GENUINE PARTS CO	COM	372460105	20,302	213,321	SH	DFND	1,2,3,4	187,042	0	26,279
GENWORTH FINL INC	COM CL A	37247D106	4,328	1,291,922	SH	DFND	1,2,3,4	1,291,547	0	375
GENTHERM INC	COM	37253A103	2,422	59,212	SH	DFND	1,2,3,4	52,000	0	7,212
GERMAN AMERN BANCORP INC	COM	373865104	847	31,200	SH	DFND	1,2,3,4	31,200	0	0
GERON CORP	COM	374163103	366	210,511	SH	DFND	1,2,3,4	210,511	0	0
GETTY RLTY CORP NEW	COM	374297109	4,469	171,810	SH	DFND	1,2,3,4	163,426	0	8,384
GIBRALTAR INDS INC	COM	374689107	3,325	51,044	SH	DFND	1,2,3,4	43,859	0	7,185
GILEAD SCIENCES INC	COM	375558103	126,558	2,002,817	SH	DFND	1,2,3,4	1,828,267	0	174,550
GILDAN ACTIVEWEAR INC	COM	375916103	473	24,070	SH	DFND	1,2,3,4	19,746	0	4,324
GLACIER BANCORP INC NEW	COM	37637Q105	7,851	244,958	SH	DFND	1,2,3,4	244,958	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	726	43,070	SH	DFND	1,2,3,4	43,070	0	0
GLADSTONE LD CORP	COM	376549101	278	18,500	SH	DFND	1,2,3,4	18,500	0	0
GLATFELTER	COM	377316104	875	63,557	SH	DFND	1,2,3,4	53,781	0	9,776
GLAUKOS CORP	COM	377322102	3,548	71,646	SH	DFND	1,2,3,4	63,310	0	8,336
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	2,084	37,791	SH	DFND	1,2,3,4	27,328	0	10,463
GLOBAL NET LEASE INC	COM NEW	379378201	2,554	160,658	SH	DFND	1,2,3,4	141,548	0	19,110
GLOBAL PMTS INC	COM	37940X102	93,051	523,996	SH	DFND	1,2,3,4	427,433	0	96,563
GLOBAL MED REIT INC	COM NEW	37954A204	451	33,400	SH	DFND	1,2,3,4	33,400	0	0
GLOBUS MED INC	CL A	379577208	7,700	155,497	SH	DFND	1,2,3,4	148,947	0	6,550
GLOBE LIFE INC	COM	37959E102	11,420	142,924	SH	DFND	1,2,3,4	126,294	0	16,630
GLU MOBILE INC	COM	379890106	1,408	183,435	SH	DFND	1,2,3,4	151,750	0	31,685
GLYCOMIMETICS INC	COM	38000Q102	223	72,800	SH	DFND	1,2,3,4	72,800	0	0
GODADDY INC	CL A	380237107	8,006	105,379	SH	DFND	1,2,3,4	75,712	0	29,667

GOGO INC	COM	38046C109	408	44,105	SH	DFND	1,2,3,4	38,200	0	5,905
GOHEALTH INC	COM CL A	38046W105	41,202	3,163,277	SH	DFND	1,2,3,4	2,812,909	0	350,368
GOLD FIELDS LTD	SPONSORED ADR	38059T106	1,769	143,901	SH	DFND	1,2,3,4	143,901	0	0
GOLD RESOURCE CORP	COM	38068T105	274	80,400	SH	DFND	1,2,3,4	80,400	0	0
GOLDEN ENTMT INC	COM	381013101	445	32,200	SH	DFND	1,2,3,4	32,200	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	697,281	3,469,580	SH	DFND	1,2,3,4	3,167,017	0	302,563
GOLDMAN SACHS ETF TR	ACTIVEBETA US LG	381430503	598	8,793	SH	DFND	1,2,3,4	0	0	8,793
GOODRX HLDGS INC	COM CL A	38246G108	17,239	310,050	SH	DFND	1,2,3,4	275,976	0	34,074
GOODYEAR TIRE & RUBR CO	COM	382550101	4,348	566,901	SH	DFND	1,2,3,4	566,901	0	0
GOOSEHEAD INS INC	COM CL A	38267D109	67,405	778,440	SH	DFND	1,2,3,4	697,209	0	81,231
GOPRO INC	CL A	38268T103	469	103,600	SH	DFND	1,2,3,4	103,600	0	0
GORMAN RUPP CO	COM	383082104	693	23,513	SH	DFND	1,2,3,4	23,513	0	0
GOSSAMER BIO INC	COM	38341P102	28,646	2,308,314	SH	DFND	1,2,3,4	2,128,414	0	179,900
GRACE W R & CO DEL NEW	COM	38388F108	1,177	29,207	SH	DFND	1,2,3,4	22,449	0	6,758
GRACO INC	COM	384109104	17,027	277,542	SH	DFND	1,2,3,4	255,495	0	22,047
GRAFTECH INTL LTD	COM	384313508	137	19,960	SH	DFND	1,2,3,4	13,960	0	6,000
GRAHAM CORP	COM	384556106	152	11,900	SH	DFND	1,2,3,4	11,900	0	0
GRAHAM HLDGS CO	COM CL B	384637104	3,009	7,447	SH	DFND	1,2,3,4	7,016	0	431
GRAINGER W W INC	COM	384802104	61,303	171,829	SH	DFND	1,2,3,4	145,422	0	26,407
GRAND CANYON ED INC	COM	38526M106	6,053	75,720	SH	DFND	1,2,3,4	71,620	0	4,100
GRANITE CONSTR INC	COM	387328107	1,229	69,815	SH	DFND	1,2,3,4	61,115	0	8,700
GRANITE PT MTG TR INC	COM STK	38741L107	677	95,417	SH	DFND	1,2,3,4	83,227	0	12,190
GRANITE REAL ESTATE INVT TR	UNIT 99/99/9999	387437114	846	14,544	SH	DFND	1,2,3,4	14,532	0	12
GRAPHIC PACKAGING HLDG CO	COM	388689101	96,265	6,832,159	SH	DFND	1,2,3,4	5,717,062	0	1,115,097
GRAY TELEVISION INC	COM	389375106	1,647	119,600	SH	DFND	1,2,3,4	119,600	0	0
GREAT AJAX CORP	COM	38983D300	332	39,992	SH	DFND	1,2,3,4	39,992	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	606	63,700	SH	DFND	1,2,3,4	63,700	0	0
GREAT SOUTHN BANCORP INC	COM	390905107	1,927	53,199	SH	DFND	1,2,3,4	53,199	0	0
GREAT WESTN BANCORP INC	COM	391416104	1,152	92,522	SH	DFND	1,2,3,4	80,742	0	11,780
GREEN BRICK PARTNERS INC	COM	392709101	523	32,501	SH	DFND	1,2,3,4	32,501	0	0
GREEN DOT CORP	CL A	39304D102	4,437	87,667	SH	DFND	1,2,3,4	76,376	0	11,291
GREEN PLAINS INC	COM	393222104	4,382	283,064	SH	DFND	1,2,3,4	162,257	0	120,807
GREENBRIER COS INC	COM	393657101	1,557	52,974	SH	DFND	1,2,3,4	45,574	0	7,400
GREENHILL & CO INC	COM	395259104	416	36,650	SH	DFND	1,2,3,4	34,000	0	2,650
GREENLANE HLDGS INC	CL A	395330103	52	23,100	SH	DFND	1,2,3,4	23,100	0	0
GREENSKY INC	CL A	39572G100	254	57,200	SH	DFND	1,2,3,4	57,200	0	0
GREIF INC	CL A	397624107	2,151	59,390	SH	DFND	1,2,3,4	59,390	0	0
GREIF INC	CL B	397624206	288	7,300	SH	DFND	1,2,3,4	7,300	0	0
GRID DYNAMICS HLDGS INC	CL A	39813G109	137	17,700	SH	DFND	1,2,3,4	17,700	0	0
GRIFFON CORP	COM	398433102	944	48,307	SH	DFND	1,2,3,4	38,343	0	9,964
GRITSTONE ONCOLOGY INC	COM	39868T105	108	40,800	SH	DFND	1,2,3,4	40,800	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	141,296	3,593,494	SH	DFND	1,2,3,4	3,292,388	0	301,106
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,498	28,264	SH	DFND	1,2,3,4	24,464	0	3,800
GROUPON INC	COM NEW	399473206	579	28,373	SH	DFND	1,2,3,4	28,373	0	0
GRUBHUB INC	COM	400110102	25,588	353,771	SH	DFND	1,2,3,4	344,871	0	8,900
GRUPO TELEVIS SA	SPON ADR REP ORD	40049J206	41,968	6,790,914	SH	DFND	1,2,3,4	6,193,406	0	597,508
GRUPO AEROPUERTO DEL PACIFIC	SPON ADR B	400506101	253	3,137	SH	DFND	1,2,3,4	3,137	0	0

GUARANTY FED BANCSHARES INC	COM	40108P101	2,292	163,554	SH	DFND	1,2,3,4	163,554	0	0
GUARDANT HEALTH INC	COM	40131M109	164,173	1,468,717	SH	DFND	1,2,3,4	1,326,742	0	141,975
GUESS INC	COM	401617105	789	67,860	SH	DFND	1,2,3,4	57,900	0	9,960
GUIDEWIRE SOFTWARE INC	COM	40171V100	4,931	47,287	SH	DFND	1,2,3,4	38,465	0	8,822
GULFPORT ENERGY CORP	COM NEW	402635304	87	165,400	SH	DFND	1,2,3,4	138,250	0	27,150
H & E EQUIPMENT SERVICES INC	COM	404030108	742	37,730	SH	DFND	1,2,3,4	37,730	0	0
HBT FINL INC.	COM	404111106	2,859	254,814	SH	DFND	1,2,3,4	254,814	0	0
HCA HEALTHCARE INC	COM	40412C101	131,351	1,053,506	SH	DFND	1,2,3,4	896,777	0	156,729
HDFC BANK LTD	SPONSORED ADS	40415F101	4,479	89,647	SH	DFND	1,2,3,4	82,272	0	7,375
HCI GROUP INC	COM	40416E103	540	10,950	SH	DFND	1,2,3,4	9,800	0	1,150
HD SUPPLY HLDGS INC	COM	40416M105	3,672	89,038	SH	DFND	1,2,3,4	73,718	0	15,320
HF FOODS GROUP INC	COM	40417F109	167	25,300	SH	DFND	1,2,3,4	25,300	0	0
HMN FINL INC	COM	40424G108	206	15,551	SH	DFND	1,2,3,4	15,551	0	0
HNI CORP	COM	404251100	3,469	110,563	SH	DFND	1,2,3,4	110,563	0	0
HMS HLDGS CORP	COM	40425J101	5,064	211,453	SH	DFND	1,2,3,4	194,803	0	16,650
HP INC	COM	40434L105	51,640	2,719,352	SH	DFND	1,2,3,4	2,329,468	0	389,884
HV BANCORP INC	COM	40441H105	2,463	183,800	SH	DFND	1,2,3,4	183,800	0	0
HACKETT GROUP INC	COM	404609109	329	29,397	SH	DFND	1,2,3,4	29,397	0	0
HAEMONETICS CORP	COM	405024100	7,538	86,400	SH	DFND	1,2,3,4	77,850	0	8,550
HAIN CELESTIAL GROUP INC	COM	405217100	146,895	4,282,665	SH	DFND	1,2,3,4	3,572,960	0	709,705
HALLIBURTON CO	COM	406216101	19,941	1,654,895	SH	DFND	1,2,3,4	1,233,729	0	421,166
HALOZYME THERAPEUTICS INC	COM	40637H109	7,413	282,076	SH	DFND	1,2,3,4	282,076	0	0
HAMILTON LANE INC	CL A	407497106	57,882	896,145	SH	DFND	1,2,3,4	847,336	0	48,809
HANCOCK WHITNEY CORPORATION	COM	410120109	4,195	222,995	SH	DFND	1,2,3,4	222,995	0	0
HANESBRANDS INC	COM	410345102	11,474	728,504	SH	DFND	1,2,3,4	568,912	0	159,592
HANGER INC	COM NEW	41043F208	781	49,395	SH	DFND	1,2,3,4	42,300	0	7,095
HANMI FINL CORP	COM NEW	410495204	448	54,604	SH	DFND	1,2,3,4	48,904	0	5,700
HANNON ARMSTRONG SUST INFR C	COM	41068X100	4,698	111,147	SH	DFND	1,2,3,4	106,900	0	4,247
HANOVER INS GROUP INC	COM	410867105	89,468	960,159	SH	DFND	1,2,3,4	812,337	0	147,822
HARBORONE BANCORP INC NEW	COM NEW	41165Y100	27,257	3,377,602	SH	DFND	1,2,3,4	2,894,259	0	483,343
HARLEY DAVIDSON INC	COM	412822108	6,465	263,460	SH	DFND	1,2,3,4	249,620	0	13,840
HARMONIC INC	COM	413160102	676	121,209	SH	DFND	1,2,3,4	103,049	0	18,160
HARPOON THERAPEUTICS INC	COM	41358P106	306	18,000	SH	DFND	1,2,3,4	18,000	0	0
HARSCO CORP	COM	415864107	1,603	115,240	SH	DFND	1,2,3,4	98,400	0	16,840
HARTFORD FINL SVCS GROUP INC	COM	416515104	23,408	635,065	SH	DFND	1,2,3,4	479,655	0	155,410
HASBRO INC	COM	418056107	15,920	192,462	SH	DFND	1,2,3,4	168,600	0	23,862
HAVERTY FURNITURE INC	COM	419596101	508	24,260	SH	DFND	1,2,3,4	19,617	0	4,643
HAWAIIAN ELEC INDUSTRIES	COM	419870100	6,031	181,439	SH	DFND	1,2,3,4	171,909	0	9,530
HAWAIIAN HOLDINGS INC	COM	419879101	971	75,341	SH	DFND	1,2,3,4	65,201	0	10,140
HAWKINS INC	COM	420261109	418	9,070	SH	DFND	1,2,3,4	7,300	0	1,770
HAYNES INTERNATIONAL INC	COM NEW	420877201	296	17,307	SH	DFND	1,2,3,4	13,433	0	3,874
HEALTHCARE SVCS GROUP INC	COM	421906108	3,893	180,797	SH	DFND	1,2,3,4	180,797	0	0
HEALTHCARE RLTY TR	COM	421946104	14,856	493,243	SH	DFND	1,2,3,4	492,843	0	400
HEADHUNTER GROUP PLC	SPONSORED ADS	42207L106	1,076	43,950	SH	DFND	1,2,3,4	43,950	0	0
HEALTHSTREAM INC	COM	42222N103	630	31,390	SH	DFND	1,2,3,4	26,640	0	4,750
HEALTHCARE TR AMER INC	CL A NEW	42225P501	5,374	206,692	SH	DFND	1,2,3,4	187,287	0	19,405

HEALTH CATALYST INC	COM	42225T107	58,998	1,611,955	SH	DFND	1,2,3,4	1,526,048	0	85,907
HEALTH EQUITY INC	COM	42226A107	67,194	1,308,043	SH	DFND	1,2,3,4	1,218,233	0	89,810
HEARTLAND EXPRESS INC	COM	422347104	1,540	82,777	SH	DFND	1,2,3,4	73,065	0	9,712
HEARTLAND FINL USA INC	COM	42234Q102	1,353	45,111	SH	DFND	1,2,3,4	45,111	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	29,736	1,095,263	SH	DFND	1,2,3,4	932,970	0	162,293
HECLA MNG CO	COM	422704106	4,022	791,692	SH	DFND	1,2,3,4	755,982	0	35,710
HEICO CORP NEW	COM	422806109	3,039	29,036	SH	DFND	1,2,3,4	21,844	0	7,192
HEICO CORP NEW	CL A	422806208	3,870	43,655	SH	DFND	1,2,3,4	31,162	0	12,493
HEIDRICK & STRUGGLES INTL IN	COM	422819102	409	20,817	SH	DFND	1,2,3,4	17,217	0	3,600
HELIOS TECHNOLOGIES INC	COM	42328H109	1,367	37,566	SH	DFND	1,2,3,4	37,566	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	14,725	6,109,941	SH	DFND	1,2,3,4	5,156,012	0	953,929
HELMERICH & PAYNE INC	COM	423452101	10,955	747,759	SH	DFND	1,2,3,4	718,402	0	29,357
HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	158	18,200	SH	DFND	1,2,3,4	18,200	0	0
HENNESSY CAP ACQUSTION CORP	CL A COM	42589C104	11,140	1,000,000	SH	DFND	1,2,3,4	472,028	0	527,972
HENRY JACK & ASSOC INC	COM	426281101	64,648	397,613	SH	DFND	1,2,3,4	349,456	0	48,157
HERITAGE COMM CORP	COM	426927109	4,180	628,163	SH	DFND	1,2,3,4	628,163	0	0
HERC HLDGS INC	COM	42704L104	21,984	555,000	SH	DFND	1,2,3,4	461,601	0	93,399
HERCULES CAPITAL INC	COM	427096508	3,059	264,404	SH	DFND	1,2,3,4	264,404	0	0
HERITAGE FINL CORP WASH	COM	42722X106	20,034	1,089,371	SH	DFND	1,2,3,4	897,401	0	191,970
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	228	17,050	SH	DFND	1,2,3,4	17,050	0	0
HERITAGE INS HLDGS INC	COM	42727J102	359	35,498	SH	DFND	1,2,3,4	35,498	0	0
HERON THERAPEUTICS INC	COM	427746102	2,977	200,852	SH	DFND	1,2,3,4	200,852	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	373	67,399	SH	DFND	1,2,3,4	60,629	0	6,770
HERSHEY CO	COM	427866108	34,112	237,981	SH	DFND	1,2,3,4	203,616	0	34,365
HESKA CORP	COM RESTRC NEW	42805E306	886	8,970	SH	DFND	1,2,3,4	7,300	0	1,670
HERTZ GLOBAL HLDGS INC	COM	42806J106	68	61,500	SH	DFND	1,2,3,4	61,500	0	0
HESS CORP	COM	42809H107	19,202	469,151	SH	DFND	1,2,3,4	417,075	0	52,076
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	21,825	2,329,251	SH	DFND	1,2,3,4	1,955,942	0	373,309
HEXCEL CORP NEW	COM	428291108	28,599	852,419	SH	DFND	1,2,3,4	844,620	0	7,799
HIBBETT SPORTS INC	COM	428567101	919	23,444	SH	DFND	1,2,3,4	20,374	0	3,070
HIGHWOODS PPTYS INC	COM	431284108	7,393	220,236	SH	DFND	1,2,3,4	211,136	0	9,100
HILL ROM HLDGS INC	COM	431475102	9,262	110,914	SH	DFND	1,2,3,4	104,400	0	6,514
HILLENBRAND INC	COM	431571108	75,891	2,675,976	SH	DFND	1,2,3,4	2,262,932	0	413,044
HILLTOP HOLDINGS INC	COM	432748101	5,151	250,304	SH	DFND	1,2,3,4	250,304	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	19,237	916,932	SH	DFND	1,2,3,4	802,014	0	114,918
HILTON WORLDWIDE HLDGS INC	COM	43300A203	35,139	411,850	SH	DFND	1,2,3,4	360,518	0	51,332
HINGHAM INSTN SVGS MASS	COM	433323102	405	2,200	SH	DFND	1,2,3,4	2,200	0	0
HOLLYFRONTIER CORP	COM	436106108	67,203	3,409,597	SH	DFND	1,2,3,4	2,910,347	0	499,250
HOLOGIC INC	COM	436440101	27,622	415,560	SH	DFND	1,2,3,4	351,113	0	64,447
HOME BANCSHARES INC	COM	436893200	9,734	642,079	SH	DFND	1,2,3,4	642,079	0	0
HOME BANCORP INC	COM	43689E107	251	10,400	SH	DFND	1,2,3,4	10,400	0	0
HOME DEPOT INC	COM	437076102	2,335,952	8,411,478	SH	DFND	1,2,3,4	7,540,849	0	870,629
HOME FED BANCORP INC LA NEW	COM	43708L108	442	19,170	SH	DFND	1,2,3,4	19,170	0	0
HOMESTREET INC	COM	43785V102	919	35,674	SH	DFND	1,2,3,4	31,454	0	4,220
HOMETRUST	COM	437872104	308	22,700	SH	DFND	1,2,3,4	22,700	0	0

BANCSHARES INC										
HOMOLOGY MEDICINES INC	COM	438083107	369	34,500	SH	DFND	1,2,3,4	34,500	0	0
HONEYWELL INTL INC	COM	438516106	684,475	4,158,161	SH	DFND	1,2,3,4	3,954,465	0	203,696
HOOKER FURNITURE CORP	COM	439038100	225	8,700	SH	DFND	1,2,3,4	8,700	0	0
HOPE BANCORP INC	COM	43940T109	1,576	207,731	SH	DFND	1,2,3,4	181,301	0	26,430
HORACE MANN EDUCATORS CORP N	COM	440327104	2,135	63,921	SH	DFND	1,2,3,4	49,172	0	14,749
HORIZON BANCORP INC	COM	440407104	402	39,831	SH	DFND	1,2,3,4	39,831	0	0
HORMEL FOODS CORP	COM	440452100	24,429	499,670	SH	DFND	1,2,3,4	447,829	0	51,841
HOST HOTELS & RESORTS INC	COM	44107P104	17,815	1,651,035	SH	DFND	1,2,3,4	1,345,346	0	305,689
HOSTESS BRANDS INC	CL A	44109J106	1,800	146,000	SH	DFND	1,2,3,4	146,000	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	14,526	8,396,435	SH	DFND	1,2,3,4	6,986,284	0	1,410,151
HOULIHAN LOKEY INC	CL A	441593100	73,280	1,240,982	SH	DFND	1,2,3,4	1,176,360	0	64,622
HOWARD BANCORP INC	COM	442496105	116	12,900	SH	DFND	1,2,3,4	12,900	0	0
HOWARD HUGHES CORP	COM	44267D107	924	16,037	SH	DFND	1,2,3,4	12,573	0	3,464
HOWMET AEROSPACE INC	COM	443201108	11,680	698,579	SH	DFND	1,2,3,4	505,632	0	192,947
HUB GROUP INC	CL A	443320106	2,657	52,925	SH	DFND	1,2,3,4	45,734	0	7,191
HUBBELL INC	COM	443510607	27,163	198,505	SH	DFND	1,2,3,4	193,695	0	4,810
HUBSPOT INC	COM	443573100	117,054	400,555	SH	DFND	1,2,3,4	351,963	0	48,592
HUDBAY MINERALS INC	COM	443628102	63	15,000	SH	DFND	1,2,3,4	15,000	0	0
HUDSON PAC PPTYS INC	COM	444097109	7,014	319,856	SH	DFND	1,2,3,4	306,456	0	13,400
HUMANA INC	COM	444859102	167,373	404,389	SH	DFND	1,2,3,4	362,574	0	41,815
HUNT J B TRANS SVCS INC	COM	445658107	15,980	126,445	SH	DFND	1,2,3,4	110,565	0	15,880
HUNTINGTON BANCSHARES INC	COM	446150104	14,741	1,607,489	SH	DFND	1,2,3,4	1,416,051	0	191,438
HUNTINGTON INGALLS INDS INC	COM	446413106	10,139	72,038	SH	DFND	1,2,3,4	56,489	0	15,549
HUNTSMAN CORP	COM	447011107	4,717	212,388	SH	DFND	1,2,3,4	194,438	0	17,950
HURON CONSULTING GROUP INC	COM	447462102	1,282	32,600	SH	DFND	1,2,3,4	32,600	0	0
HUYA INC	ADS REP SHS A	44852D108	21,032	878,177	SH	DFND	1,2,3,4	878,177	0	0
HYATT HOTELS CORP	COM CL A	448579102	983	18,417	SH	DFND	1,2,3,4	15,347	0	3,070
IAC INTERACTIVECORP NEW	COM	44891N109	5,753	48,031	SH	DFND	1,2,3,4	34,573	0	13,458
HYSTER YALE MATLS HANDLING I	CL A	449172105	357	9,601	SH	DFND	1,2,3,4	9,601	0	0
IAA INC	COM	449253103	11,538	221,593	SH	DFND	1,2,3,4	206,839	0	14,754
ICF INTL INC	COM	44925C103	1,381	22,445	SH	DFND	1,2,3,4	22,314	0	131
ICU MED INC	COM	44930G107	5,804	31,759	SH	DFND	1,2,3,4	29,609	0	2,150
ICAD INC	COM NEW	44934S206	115	13,000	SH	DFND	1,2,3,4	13,000	0	0
IES HLDGS INC	COM	44951W106	294	9,245	SH	DFND	1,2,3,4	9,245	0	0
IGM BIOSCIENCES INC	COM	449585108	967	13,100	SH	DFND	1,2,3,4	13,100	0	0
IPG PHOTONICS CORP	COM	44980X109	499,350	2,937,873	SH	DFND	1,2,3,4	2,609,524	0	328,349
IRHYTHM TECHNOLOGIES INC	COM	450056106	250,523	1,052,131	SH	DFND	1,2,3,4	981,846	0	70,285
ISTAR INC	COM	45031U101	1,268	107,383	SH	DFND	1,2,3,4	90,390	0	16,993
ITT INC	COM	45073V108	73,081	1,237,607	SH	DFND	1,2,3,4	1,166,870	0	70,737
IAMGOLD CORP	COM	450913108	139	36,310	SH	DFND	1,2,3,4	36,310	0	0
IBIO INC	COM NEW	451033203	358	176,200	SH	DFND	1,2,3,4	176,200	0	0
ICICI BANK LIMITED	ADR	45104G104	1,016	103,363	SH	DFND	1,2,3,4	102,827	0	536
IDACORP INC	COM	451107106	7,127	89,203	SH	DFND	1,2,3,4	84,577	0	4,626
IDEAYA BIOSCIENCES INC	COM	45166A102	244	19,400	SH	DFND	1,2,3,4	19,400	0	0
IDEX CORP	COM	45167R104	236,482	1,296,432	SH	DFND	1,2,3,4	1,190,932	0	105,500
IDEXX LABS INC	COM	45168D104	532,263	1,353,981	SH	DFND	1,2,3,4	1,246,141	0	107,840
IHEARTMEDIA INC	COM CL A	45174J509	2,635	324,467	SH	DFND	1,2,3,4	321,997	0	2,470
ILLINOIS TOOL WKS INC	COM	452308109	108,301	560,536	SH	DFND	1,2,3,4	498,379	0	62,157
ILLUMINA INC	COM	452327109	425,469	1,376,565	SH	DFND	1,2,3,4	1,274,804	0	101,761
IMAX CORP	COM	45245E109	908	75,900	SH	DFND	1,2,3,4	75,900	0	0

IMMERSION CORP	COM	452521107	373	52,900	SH	DFND	1,2,3,4	52,900	0	0
IMMUNOGEN INC	COM	45253H101	1,036	287,864	SH	DFND	1,2,3,4	287,864	0	0
IMMUNOVANT INC	COM	45258J102	6,173	175,415	SH	DFND	1,2,3,4	175,415	0	0
IMMUNOMEDICS INC	COM	452907108	14,466	170,129	SH	DFND	1,2,3,4	133,229	0	36,900
IMPERIAL OIL LTD	COM NEW	453038408	412	34,427	SH	DFND	1,2,3,4	34,427	0	0
IMPINJ INC	COM	453204109	393	14,900	SH	DFND	1,2,3,4	14,900	0	0
INARI MED INC	COM	45332Y109	92,353	1,338,068	SH	DFND	1,2,3,4	1,225,817	0	112,251
INCYTE CORP	COM	45337C102	45,808	510,454	SH	DFND	1,2,3,4	384,097	0	126,357
INDEPENDENCE HLDG CO NEW	COM NEW	453440307	242	6,424	SH	DFND	1,2,3,4	6,424	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	72,452	6,251,255	SH	DFND	1,2,3,4	5,652,299	0	598,956
INDEPENDENT BANK CORP MASS	COM	453836108	2,900	55,356	SH	DFND	1,2,3,4	48,296	0	7,060
INDEPENDENT BK CORP MICH	COM NEW	453838609	337	26,771	SH	DFND	1,2,3,4	26,771	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	25,666	580,948	SH	DFND	1,2,3,4	480,995	0	99,953
INDEXIQ ETF TR	HEDGE MLTI ETF	45409B107	2,082	67,184	SH	DFND	1,2,3,4	67,184	0	0
INDEXIQ ETF TR	IQ MRGR ARB ETF	45409B800	5,004	148,764	SH	DFND	1,2,3,4	148,764	0	0
INDUSTRIAL LOGISTICS PTY S T	COM SHS BEN INT	456237106	20,875	954,504	SH	DFND	1,2,3,4	940,531	0	13,973
INFINERA CORP	COM	45667G103	1,247	202,413	SH	DFND	1,2,3,4	202,413	0	0
INFORMATION SVCS GROUP INC	COM	45675Y104	22	10,300	SH	DFND	1,2,3,4	10,300	0	0
INFOSYS LTD	SPONSORED ADR	456788108	51,876	3,756,412	SH	DFND	1,2,3,4	3,532,871	0	223,541
INGERSOLL RAND INC	COM	45687V106	146,202	4,106,807	SH	DFND	1,2,3,4	3,685,548	0	421,259
INGEVITY CORP	COM	45688C107	4,915	99,417	SH	DFND	1,2,3,4	99,417	0	0
INGLES MKTS INC	CL A	457030104	660	17,353	SH	DFND	1,2,3,4	17,353	0	0
INGREDION INC	COM	457187102	9,956	131,559	SH	DFND	1,2,3,4	125,392	0	6,167
INSIGHT ENTERPRISES INC	COM	45765U103	6,800	120,177	SH	DFND	1,2,3,4	112,656	0	7,521
INSMED INC	COM PAR \$.01	457669307	67,535	2,101,261	SH	DFND	1,2,3,4	1,994,230	0	107,031
INNOSPEC INC	COM	45768S105	2,359	37,260	SH	DFND	1,2,3,4	32,014	0	5,246
INPHI CORP	COM	45772F107	132,205	1,177,772	SH	DFND	1,2,3,4	1,068,112	0	109,660
INSPIRE MED SYS INC	COM	457730109	4,646	36,000	SH	DFND	1,2,3,4	36,000	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	2,491	214,700	SH	DFND	1,2,3,4	214,700	0	0
INSTEEL INDS INC	COM	45774W108	407	21,773	SH	DFND	1,2,3,4	18,193	0	3,580
INSPERITY INC	COM	45778Q107	9,189	140,306	SH	DFND	1,2,3,4	140,306	0	0
INOGEN INC	COM	45780L104	831	28,647	SH	DFND	1,2,3,4	25,250	0	3,397
INSTALLED BLDG PRODS INC	COM	45780R101	43,969	432,126	SH	DFND	1,2,3,4	404,376	0	27,750
INOVALON HLDGS INC	COM CL A	45781D101	2,724	103,000	SH	DFND	1,2,3,4	103,000	0	0
INNOVIVA INC	COM	45781M101	2,257	216,023	SH	DFND	1,2,3,4	204,323	0	11,700
INNOVATIVE INDL PTY S INC	COM	45781V101	5,013	40,392	SH	DFND	1,2,3,4	35,743	0	4,649
INSEEGO CORP	COM	45782B104	1,000	96,900	SH	DFND	1,2,3,4	96,900	0	0
INSULET CORP	COM	45784P101	78,493	331,767	SH	DFND	1,2,3,4	292,267	0	39,500
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	5,424	114,873	SH	DFND	1,2,3,4	108,327	0	6,546
INTEL CORP	COM	458140100	549,834	10,618,655	SH	DFND	1,2,3,4	9,768,562	0	850,093
INTELLIGENT SYS CORP NEW	COM	45816D100	363	9,300	SH	DFND	1,2,3,4	9,300	0	0
INTELLICHECK INC	COM NEW	45817G201	71	10,600	SH	DFND	1,2,3,4	10,600	0	0
INTEGER HLDGS CORP	COM	45826H109	6,685	113,282	SH	DFND	1,2,3,4	107,162	0	6,120
INTELLIA THERAPEUTICS INC	COM	45826J105	1,225	61,600	SH	DFND	1,2,3,4	61,600	0	0
INTER PARFUMS INC	COM	458334109	906	24,267	SH	DFND	1,2,3,4	20,227	0	4,040
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	5,967	123,470	SH	DFND	1,2,3,4	117,030	0	6,440
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,491	35,970	SH	DFND	1,2,3,4	35,970	0	0

INTERFACE INC	COM	458665304	522	85,232	SH	DFND	1,2,3,4	70,166	0	15,066
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	197,136	1,970,377	SH	DFND	1,2,3,4	1,051,927	0	918,450
INTERDIGITAL INC	COM	45867G101	4,516	79,152	SH	DFND	1,2,3,4	79,152	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	5,782	221,854	SH	DFND	1,2,3,4	221,854	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	169,071	1,389,590	SH	DFND	1,2,3,4	1,271,136	0	118,454
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	869,341	7,099,556	SH	DFND	1,2,3,4	5,137,083	0	1,962,473
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	29,024	237,031	SH	DFND	1,2,3,4,6	206,162	0	30,869
INTERNATIONAL MNY EXPRESS IN	COM	46005L101	300	20,900	SH	DFND	1,2,3,4	20,900	0	0
INTERNATIONAL PAPER CO	COM	460146103	34,166	842,771	SH	DFND	1,2,3,4	728,810	0	113,961
INTERPUBLIC GROUP COS INC	COM	460690100	23,747	1,424,552	SH	DFND	1,2,3,4	1,159,024	0	265,528
INTERSECT ENT INC	COM	46071F103	675	41,400	SH	DFND	1,2,3,4	41,400	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	2,339	8,420	SH	DFND	1,2,3,4	8,420	0	0
INVESCO ACTIVLY MANGD ETC FD	OPTIMUM YIELD	46090F100	548	40,086	SH	DFND	1,2,3,4	0	0	40,086
INTRA CELLULAR THERAPIES INC	COM	46116X101	2,428	94,610	SH	DFND	1,2,3,4	94,610	0	0
INTUIT	COM	461202103	153,263	469,830	SH	DFND	1,2,3,4	396,250	0	73,580
INVACARE CORP	COM	461203101	499	66,321	SH	DFND	1,2,3,4	59,911	0	6,410
INTUITIVE SURGICAL INC	COM NEW	46120E602	1,433,478	2,020,292	SH	DFND	1,2,3,4	1,872,069	0	148,223
INTRICON CORP	COM	46121H109	197	16,200	SH	DFND	1,2,3,4	16,200	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	367	135,334	SH	DFND	1,2,3,4	96,557	0	38,777
INVESTAR HLDG CORP	COM	46134L105	2,131	166,201	SH	DFND	1,2,3,4	166,201	0	0
INVESCO DB COMMDY INDX TRCK	UNIT	46138B103	6,777	518,893	SH	DFND	1,2,3,4	518,893	0	0
INVESCO EXCH TRADED FD TR II	TAXABLE MUN BD	46138G805	327	9,804	SH	DFND	1,2,3,4	9,804	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	2,549	351,150	SH	DFND	1,2,3,4	351,150	0	0
INVESTORS REAL ESTATE TR	SH BEN INT	461730509	1,514	23,228	SH	DFND	1,2,3,4	20,412	0	2,816
INVESTORS TITLE CO NC	COM	461804106	312	2,400	SH	DFND	1,2,3,4	2,400	0	0
INVITAE CORP	COM	46185L103	7,482	172,600	SH	DFND	1,2,3,4	172,600	0	0
INVITATION HOMES INC	COM	46187W107	15,335	547,875	SH	DFND	1,2,3,4	498,409	0	49,466
IONIS PHARMACEUTICALS INC	COM	462222100	3,306	69,669	SH	DFND	1,2,3,4	52,262	0	17,407
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	39,926	1,212,810	SH	DFND	1,2,3,4	1,002,081	0	210,729
IRADIMED CORP	COM	46266A109	259	12,100	SH	DFND	1,2,3,4	12,100	0	0
IQVIA HLDGS INC	COM	46266C105	861,348	5,464,368	SH	DFND	1,2,3,4	4,191,124	0	1,273,244
IQVIA HLDGS INC	COM	46266C105	59,463	377,230	SH	DFND	1,2,3,4,6	327,694	0	49,536
IRIDIUM COMMUNICATIONS INC	COM	46269C102	4,881	190,797	SH	DFND	1,2,3,4	165,800	0	24,997
IROBOT CORP	COM	462726100	3,168	41,733	SH	DFND	1,2,3,4	35,767	0	5,966
IRON MTN INC NEW	COM	46284V101	13,747	513,157	SH	DFND	1,2,3,4	445,123	0	68,034
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	2,376	264,121	SH	DFND	1,2,3,4	264,121	0	0
ISHARES GOLD TRUST	ISHARES	464285105	503	27,933	SH	DFND	1,2,3,4	27,933	0	0
ISHARES INC	MSCI GBL MIN VOL	464286525	6,130	66,701	SH	DFND	1,2,3,4	46,075	0	20,626
ISHARES TR	CORE S&P TTL STK	464287150	359,322	4,759,864	SH	DFND	1,2,3,4	4,423,863	0	336,001
ISHARES TR	SELECT DIVID ETF	464287168	589	7,229	SH	DFND	1,2,3,4	7,189	0	40
ISHARES TR	TIPS BD ETF	464287176	336	2,653	SH	DFND	1,2,3,4	2,653	0	0
ISHARES TR	CORE S&P500 ETF	464287200	534,068	1,589,204	SH	DFND	1,2,3,4	1,428,233	0	160,971

ISHARES TR	CORE US AGGBD ET	464287226	15,755	133,451	SH	DFND	1,2,3,4	128,395	0	5,056
ISHARES TR	CORE US AGGBD ET	464287226	50	425	SH	DFND	1,2,3,4,6	425	0	0
ISHARES TR	MSCI EMG MKT ETF	464287234	2,302	52,209	SH	DFND	1,2,3,4	50,617	0	1,592
ISHARES TR	IBOXX INV CP ETF	464287242	99,144	735,984	SH	DFND	1,2,3,4	735,984	0	0
ISHARES TR	S&P 500 GRWT ETF	464287309	4,238	18,341	SH	DFND	1,2,3,4	18,341	0	0
ISHARES TR	GLOBAL ENERG ETF	464287341	774	47,190	SH	DFND	1,2,3,4	47,190	0	0
ISHARES TR	S&P 500 VAL ETF	464287408	1,769	15,735	SH	DFND	1,2,3,4	15,735	0	0
ISHARES TR	20 YR TR BD ETF	464287432	145,897	893,651	SH	DFND	1,2,3,4	624,166	0	269,485
ISHARES TR	1 3 YR TREAS BD	464287457	56,860	657,262	SH	DFND	1,2,3,4	657,262	0	0
ISHARES TR	MSCI EAFE ETF	464287465	44,598	700,682	SH	DFND	1,2,3,4	690,404	0	10,278
ISHARES TR	RUS MDCP VAL ETF	464287473	1,352	16,726	SH	DFND	1,2,3,4	0	0	16,726
ISHARES TR	RUS MID CAP ETF	464287499	1,390	24,230	SH	DFND	1,2,3,4	23,970	0	260
ISHARES TR	CORE S&P MCP ETF	464287507	16,569	89,413	SH	DFND	1,2,3,4	81,902	0	7,511
ISHARES TR	RUS 1000 VAL ETF	464287598	176,558	1,494,611	SH	DFND	1,2,3,4	1,485,749	0	8,862
ISHARES TR	RUS 1000 GRW ETF	464287614	13,214	60,924	SH	DFND	1,2,3,4	53,437	0	7,487
ISHARES TR	RUS 1000 ETF	464287622	1,817	9,708	SH	DFND	1,2,3,4	9,708	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	9,972	100,389	SH	DFND	1,2,3,4	42,397	0	57,992
ISHARES TR	RUS 2000 GRW ETF	464287648	84,410	381,049	SH	DFND	1,2,3,4	380,072	0	977
ISHARES TR	RUSSELL 2000 ETF	464287655	91,620	611,658	SH	DFND	1,2,3,4	450,914	0	160,744
ISHARES TR	RUSSELL 3000 ETF	464287689	2,282	11,659	SH	DFND	1,2,3,4	11,659	0	0
ISHARES TR	U.S. TECH ETF	464287721	1,898	6,303	SH	DFND	1,2,3,4	6,303	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	31,257	445,064	SH	DFND	1,2,3,4	434,394	0	10,670
ISHARES TR	SP SMCP600VL ETF	464287879	285	2,332	SH	DFND	1,2,3,4	2,332	0	0
ISHARES TR	MSCI AC ASIA ETF	464288182	57,484	744,906	SH	DFND	1,2,3,4	744,906	0	0
ISHARES TR	MSCI ACWI ETF	464288257	244,210	3,055,682	SH	DFND	1,2,3,4	2,847,832	0	207,850
ISHARES TR	JPMORGAN USD EMG	464288281	9,688	87,368	SH	DFND	1,2,3,4	87,368	0	0
ISHARES TR	NEW YORK MUN ETF	464288323	1,264	22,011	SH	DFND	1,2,3,4	22,011	0	0
ISHARES TR	CALIF MUN BD ETF	464288356	574	9,206	SH	DFND	1,2,3,4	9,206	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	7,541	65,045	SH	DFND	1,2,3,4	40,898	0	24,147
ISHARES TR	IBOXX HI YD ETF	464288513	2,475	29,502	SH	DFND	1,2,3,4	29,502	0	0
ISHARES TR	MBS ETF	464288588	27,545	249,505	SH	DFND	1,2,3,4	247,611	0	1,894
ISHARES TR	INTRM GOV CR ETF	464288612	324	2,755	SH	DFND	1,2,3,4	2,755	0	0
ISHARES TR	3 7 YR TREAS BD	464288661	678	5,073	SH	DFND	1,2,3,4	5,073	0	0
ISHARES TR	SHORT TREAS BD	464288679	1,950	17,611	SH	DFND	1,2,3,4	17,611	0	0
ISHARES TR	PFD AND INCM SEC	464288687	10,351	283,967	SH	DFND	1,2,3,4	96,567	0	187,400
ISHARES TR	EAFE VALUE ETF	464288877	135,114	3,348,562	SH	DFND	1,2,3,4	3,348,562	0	0
ISHARES TR	10+ YR INVST GRD	464289511	8,174	116,096	SH	DFND	1,2,3,4	116,096	0	0

ISHARES TR	US TREAS BD ETF	46429B267	348	12,448	SH	DFND	1,2,3,4	12,448	0	0
ISHARES TR	MSCI CHINA ETF	46429B671	26,247	353,871	SH	DFND	1,2,3,4	353,871	0	0
ISHARES TR	MSCI EAFE MIN VL	46429B689	53,740	788,784	SH	DFND	1,2,3,4	788,784	0	0
ISHARES TR	MSCI USA MIN VOL	46429B697	72,224	1,133,277	SH	DFND	1,2,3,4	1,133,277	0	0
ISHARES TR	CORE MSCI TOTAL	46432F834	374,233	6,414,687	SH	DFND	1,2,3,4	6,041,008	0	373,679
ISHARES TR	CORE MSCI EAFE	46432F842	287,763	4,773,778	SH	DFND	1,2,3,4	4,584,737	0	189,041
ISHARES INC	CORE MSCI EMKT	46434G103	208,206	3,943,304	SH	DFND	1,2,3,4	3,836,718	0	106,586
ISHARES INC	MSCI JPN ETF NEW	46434G822	69,610	1,178,432	SH	DFND	1,2,3,4	1,072,852	0	105,580
ISHARES INC	MSCI GBL ETF NEW	46434G848	15,752	588,191	SH	DFND	1,2,3,4	588,191	0	0
ISHARES TR	MSCI GBL MULTIFC	46434V316	1,799	60,568	SH	DFND	1,2,3,4	60,568	0	0
ISHARES TR	EXPONENTIAL TECH	46434V381	415	8,534	SH	DFND	1,2,3,4	8,534	0	0
ISHARES TR	GLOBAL REIT ETF	46434V647	309	14,674	SH	DFND	1,2,3,4	0	0	14,674
ISHARES TR	HDG MSCI EAFE	46434V803	11,203	406,790	SH	DFND	1,2,3,4	406,790	0	0
ISHARES TR	HDG MSCI JAPAN	46434V886	671	21,000	SH	DFND	1,2,3,4	21,000	0	0
ITERIS INC NEW	COM	46564T107	98	24,000	SH	DFND	1,2,3,4	24,000	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	18,949	768,084	SH	DFND	1,2,3,4	723,406	0	44,678
I3 VERTICALS INC	COM CL A	46571Y107	369	14,600	SH	DFND	1,2,3,4	14,600	0	0
ITRON INC	COM	465741106	3,758	61,875	SH	DFND	1,2,3,4	53,350	0	8,525
IVERIC BIO INC	COM	46583P102	425	75,400	SH	DFND	1,2,3,4	75,400	0	0
JBG SMITH PPTYS	COM	46590V100	6,339	237,078	SH	DFND	1,2,3,4	226,184	0	10,894
J & J SNACK FOODS CORP	COM	466032109	3,231	24,780	SH	DFND	1,2,3,4	21,544	0	3,236
JPMORGAN CHASE & CO	COM	46625H100	882,028	9,162,027	SH	DFND	1,2,3,4	8,574,918	0	587,109
JABIL INC	COM	466313103	10,443	304,825	SH	DFND	1,2,3,4	289,319	0	15,506
JACK IN THE BOX INC	COM	466367109	4,534	57,166	SH	DFND	1,2,3,4	57,166	0	0
JACOBS ENGR GROUP INC	COM	469814107	307,411	3,313,691	SH	DFND	1,2,3,4	3,166,600	0	147,091
JAMF HLDG CORP	COM	47074L105	213	5,666	SH	DFND	1,2,3,4	3,134	0	2,532
JD.COM INC	SPON ADR CL A	47215P106	38,719	498,887	SH	DFND	1,2,3,4	459,525	0	39,362
JEFFERIES FINL GROUP INC	COM	47233W109	7,011	389,524	SH	DFND	1,2,3,4	369,293	0	20,231
JELD-WEN HLDG INC	COM	47580P103	1,948	86,200	SH	DFND	1,2,3,4	86,200	0	0
JERNIGAN CAP INC	COM	476405105	414	24,150	SH	DFND	1,2,3,4	24,150	0	0
JETBLUE AWYS CORP	COM	477143101	21,255	1,875,984	SH	DFND	1,2,3,4	1,684,763	0	191,221
JINKOSOLAR HLDG CO LTD	SPONSORED ADR	47759T100	2,917	73,365	SH	DFND	1,2,3,4	73,365	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	76,921	837,096	SH	DFND	1,2,3,4	785,042	0	52,054
JOHNSON & JOHNSON	COM	478160104	1,550,186	10,412,322	SH	DFND	1,2,3,4	9,253,842	0	1,158,480
JOHNSON OUTDOORS INC	CL A	479167108	442	5,400	SH	DFND	1,2,3,4	5,400	0	0
JOINT CORP	COM	47973J102	273	15,700	SH	DFND	1,2,3,4	15,700	0	0
JONES LANG LASALLE INC	COM	48020Q107	8,796	91,951	SH	DFND	1,2,3,4	86,203	0	5,748
JOUNCE THERAPEUTICS INC	COM	481116101	456	55,900	SH	DFND	1,2,3,4	55,900	0	0
J2 GLOBAL INC	COM	48123V102	12,635	182,540	SH	DFND	1,2,3,4	182,540	0	0
JUNIPER NETWORKS INC	COM	48203R104	110,441	5,136,812	SH	DFND	1,2,3,4	4,391,091	0	745,721
KAR AUCTION SVCS INC	COM	48238T109	4,915	341,341	SH	DFND	1,2,3,4	341,341	0	0
KB FINL GROUP INC	SPONSORED ADR	48241A105	1,423	44,309	SH	DFND	1,2,3,4	42,700	0	1,609
KBR INC	COM	48242W106	11,170	499,533	SH	DFND	1,2,3,4	499,533	0	0

KLA CORP	COM NEW	482480100	179,226	925,086	SH	DFND	1,2,3,4	837,448	0	87,638
KKR REAL ESTATE FIN TR INC	COM	48251K100	581	35,152	SH	DFND	1,2,3,4	28,300	0	6,852
KKR & CO INC	COM	48251W104	9,642	280,776	SH	DFND	1,2,3,4	232,976	0	47,800
KT CORP	SPONSORED ADR	48268K101	3,936	409,621	SH	DFND	1,2,3,4	409,621	0	0
KVH INDS INC	COM	482738101	124	13,800	SH	DFND	1,2,3,4	13,800	0	0
K12 INC	COM	48273U102	1,347	51,143	SH	DFND	1,2,3,4	51,143	0	0
KADANT INC	COM	48282T104	3,550	32,382	SH	DFND	1,2,3,4	32,382	0	0
KADMON HLDGS INC	COM	48283N106	2,945	751,234	SH	DFND	1,2,3,4	751,234	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	1,389	25,926	SH	DFND	1,2,3,4	22,392	0	3,534
KALA PHARMACEUTICALS INC	COM	483119103	440	58,700	SH	DFND	1,2,3,4	58,700	0	0
KALEIDO BIOSCIENCES INC	COM	483347100	152	13,700	SH	DFND	1,2,3,4	13,700	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	248	19,700	SH	DFND	1,2,3,4	19,700	0	0
KAMAN CORP	COM	483548103	1,554	39,879	SH	DFND	1,2,3,4	34,709	0	5,170
KANSAS CITY SOUTHERN	COM NEW	485170302	136,602	755,414	SH	DFND	1,2,3,4	702,417	0	52,997
KARUNA THERAPEUTICS INC	COM	48576A100	2,360	30,524	SH	DFND	1,2,3,4	30,524	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	1,894	129,730	SH	DFND	1,2,3,4	129,730	0	0
KB HOME	COM	48666K109	117,214	3,053,240	SH	DFND	1,2,3,4	2,605,419	0	447,821
KEARNY FINL CORP MD	COM	48716P108	1,089	151,008	SH	DFND	1,2,3,4	151,008	0	0
KELLOGG CO	COM	487836108	26,035	403,086	SH	DFND	1,2,3,4	349,094	0	53,992
KELLY SVCS INC	CL A	488152208	787	46,190	SH	DFND	1,2,3,4	39,930	0	6,260
KEMPER CORP	COM	488401100	6,841	102,371	SH	DFND	1,2,3,4	96,871	0	5,500
KENNAMETAL INC	COM	489170100	112,388	3,883,477	SH	DFND	1,2,3,4	3,300,734	0	582,743
KENNEDY-WILSON HOLDINGS INC	COM	489398107	2,919	201,020	SH	DFND	1,2,3,4	201,020	0	0
KEROS THERAPEUTICS INC	COM	492327101	270	7,000	SH	DFND	1,2,3,4	7,000	0	0
KEURIG DR PEPPER INC	COM	49271V100	4,614	167,187	SH	DFND	1,2,3,4	152,558	0	14,629
KEYCORP	COM	493267108	21,761	1,824,066	SH	DFND	1,2,3,4	1,345,799	0	478,267
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	105,318	1,066,189	SH	DFND	1,2,3,4	680,841	0	385,348
KEZAR LIFE SCIENCES INC	COM	49372L100	377	77,900	SH	DFND	1,2,3,4	77,900	0	0
KFORCE INC	COM	493732101	2,732	84,911	SH	DFND	1,2,3,4	79,240	0	5,671
KIMBALL INTL INC	CL B	494274103	1,234	117,120	SH	DFND	1,2,3,4	117,120	0	0
KILROY RLTY CORP	COM	49427F108	26,014	500,654	SH	DFND	1,2,3,4	459,074	0	41,580
KIMBALL ELECTRONICS INC	COM	49428J109	324	28,046	SH	DFND	1,2,3,4	27,983	0	63
KIMBERLY CLARK CORP	COM	494368103	87,597	593,232	SH	DFND	1,2,3,4	547,146	0	46,086
KIMCO RLTY CORP	COM	49446R109	22,510	1,999,068	SH	DFND	1,2,3,4	1,931,131	0	67,937
KINDER MORGAN INC DEL	COM	49456B101	37,571	3,047,140	SH	DFND	1,2,3,4	2,785,051	0	262,089
KINDRED BIOSCIENCES INC	COM	494577109	184	42,900	SH	DFND	1,2,3,4	42,900	0	0
KINROSS GOLD CORP	COM	496902404	3,590	407,083	SH	DFND	1,2,3,4	407,083	0	0
KINSALE CAP GROUP INC	COM	49714P108	72,254	379,924	SH	DFND	1,2,3,4	338,748	0	41,176
KIRBY CORP	COM	497266106	3,511	97,079	SH	DFND	1,2,3,4	91,829	0	5,250
KIRKLAND LAKE GOLD LTD	COM	49741E100	3,512	72,061	SH	DFND	1,2,3,4	72,061	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	1,874	161,795	SH	DFND	1,2,3,4	143,140	0	18,655
KNOLL INC	COM NEW	498904200	14,587	1,209,575	SH	DFND	1,2,3,4	1,006,951	0	202,624
KNIGHT SWIFT TRANSN HLDGS IN	CL A	499049104	241,798	5,940,994	SH	DFND	1,2,3,4	5,304,374	0	636,620
KNOWLES CORP	COM	49926D109	2,164	145,262	SH	DFND	1,2,3,4	125,512	0	19,750
KODIAK SCIENCES INC	COM	50015M109	2,321	39,200	SH	DFND	1,2,3,4	39,200	0	0
KOHL'S CORP	COM	500255104	7,589	409,546	SH	DFND	1,2,3,4	295,558	0	113,988

KONINKLIJKE PHILIPS NV	NY REG SH NEW	500472303	77,273	1,638,873	SH	DFND	1,2,3,4	273,751	0	1,365,122
KONTOOR BRANDS INC	COM	50050N103	1,672	69,081	SH	DFND	1,2,3,4	58,678	0	10,403
KOPPERS HOLDINGS INC	COM	50060P106	588	28,133	SH	DFND	1,2,3,4	24,213	0	3,920
KORN FERRY	COM NEW	500643200	2,706	93,322	SH	DFND	1,2,3,4	81,151	0	12,171
KOSMOS ENERGY LTD	COM	500688106	494	506,600	SH	DFND	1,2,3,4	506,600	0	0
KRAFT HEINZ CO	COM	500754106	32,830	1,096,153	SH	DFND	1,2,3,4	885,650	0	210,503
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	2,715	140,800	SH	DFND	1,2,3,4	140,800	0	0
KRATON CORPORATION	COM	50077C106	754	42,300	SH	DFND	1,2,3,4	36,000	0	6,300
KROGER CO	COM	501044101	127,066	3,747,146	SH	DFND	1,2,3,4	3,552,745	0	194,401
KRONOS WORLDWIDE INC	COM	50105F105	553	43,000	SH	DFND	1,2,3,4	43,000	0	0
KRYSTAL BIOTECH INC	COM	501147102	573	13,300	SH	DFND	1,2,3,4	13,300	0	0
KULICKE & SOFFA INDS INC	COM	501242101	70,058	3,127,599	SH	DFND	1,2,3,4	2,625,484	0	502,115
KURA ONCOLOGY INC	COM	50127T109	2,013	65,700	SH	DFND	1,2,3,4	65,700	0	0
L BRANDS INC	COM	501797104	10,278	323,101	SH	DFND	1,2,3,4	285,356	0	37,745
LCNB CORP	COM	50181P100	197	14,400	SH	DFND	1,2,3,4	14,400	0	0
LHC GROUP INC	COM	50187A107	118,459	557,297	SH	DFND	1,2,3,4	530,880	0	26,417
LGI HOMES INC	COM	50187T106	3,849	33,130	SH	DFND	1,2,3,4	28,300	0	4,830
LKQ CORP	COM	501889208	94,191	3,396,708	SH	DFND	1,2,3,4	3,298,582	0	98,126
LCI INDS	COM	50189K103	7,137	67,147	SH	DFND	1,2,3,4	61,777	0	5,370
LI AUTO INC	SPONSORED ADS	50202M102	4,701	270,322	SH	DFND	1,2,3,4	270,322	0	0
LPL FINL HLDGS INC	COM	50212V100	166,003	2,165,166	SH	DFND	1,2,3,4	1,991,600	0	173,566
LTC PPTYS INC	COM	502175102	2,621	75,174	SH	DFND	1,2,3,4	66,804	0	8,370
L3HARRIS TECHNOLOGIES INC	COM	502431109	352,425	2,075,039	SH	DFND	1,2,3,4	1,961,869	0	113,170
LA JOLLA PHARMACEUTICAL CO	COM PAR \$.0001 2	503459604	333	82,600	SH	DFND	1,2,3,4	82,600	0	0
LA Z BOY INC	COM	505336107	2,217	70,087	SH	DFND	1,2,3,4	59,854	0	10,233
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	157,321	835,616	SH	DFND	1,2,3,4	505,533	0	330,083
LADDER CAP CORP	CL A	505743104	1,033	145,107	SH	DFND	1,2,3,4	145,107	0	0
LAKELAND BANCORP INC	COM	511637100	494	49,651	SH	DFND	1,2,3,4	49,651	0	0
LAKELAND FINL CORP	COM	511656100	1,352	32,817	SH	DFND	1,2,3,4	32,817	0	0
LAKELAND INDS INC	COM	511795106	244	12,300	SH	DFND	1,2,3,4	12,300	0	0
LAM RESEARCH CORP	COM	512807108	113,521	342,189	SH	DFND	1,2,3,4	301,693	0	40,496
LAMAR ADVERTISING CO NEW	CL A	512816109	10,937	165,290	SH	DFND	1,2,3,4	156,355	0	8,935
LAMB WESTON HLDGS INC	COM	513272104	18,268	275,657	SH	DFND	1,2,3,4	190,346	0	85,311
LANCASTER COLONY CORP	COM	513847103	8,941	50,008	SH	DFND	1,2,3,4	50,008	0	0
LANDEC CORP	COM	514766104	413	42,501	SH	DFND	1,2,3,4	42,501	0	0
LANDSTAR SYS INC	COM	515098101	12,451	99,218	SH	DFND	1,2,3,4	92,959	0	6,259
LANDS END INC NEW	COM	51509F105	426	32,671	SH	DFND	1,2,3,4	31,940	0	731
LANNET INC	COM	516012101	545	89,150	SH	DFND	1,2,3,4	82,800	0	6,350
LANTHEUS HLDGS INC	COM	516544103	1,460	115,240	SH	DFND	1,2,3,4	102,800	0	12,440
LAS VEGAS SANDS CORP	COM	517834107	23,835	510,823	SH	DFND	1,2,3,4	451,785	0	59,038
LATTICE SEMICONDUCTOR CORP	COM	518415104	198,198	6,843,861	SH	DFND	1,2,3,4	6,331,160	0	512,701
LAUDER ESTEE COS INC	CL A	518439104	165,183	756,852	SH	DFND	1,2,3,4	687,919	0	68,933
LAUREATE EDUCATION INC	CL A	518613203	1,772	133,441	SH	DFND	1,2,3,4	133,400	0	41
LEAR CORP	COM NEW	521865204	82,315	754,841	SH	DFND	1,2,3,4	650,944	0	103,897
LEGGETT & PLATT INC	COM	524660107	8,074	196,113	SH	DFND	1,2,3,4	174,497	0	21,616
LEGEND BIOTECH CORP	SPONSORED ADS	52490G102	42,707	1,383,439	SH	DFND	1,2,3,4	1,267,522	0	115,917
LEIDOS HOLDINGS INC	COM	525327102	104,230	1,169,150	SH	DFND	1,2,3,4	1,146,251	0	22,899
LEMAITRE VASCULAR INC	COM	525558201	700	21,520	SH	DFND	1,2,3,4	18,400	0	3,120

LENDINGCLUB CORP	COM NEW	52603A208	433	91,840	SH	DFND	1,2,3,4	91,840	0	0
LENDINGTREE INC NEW	COM	52603B107	3,982	12,976	SH	DFND	1,2,3,4	11,526	0	1,450
LENNAR CORP	CL A	526057104	46,781	572,738	SH	DFND	1,2,3,4	527,661	0	45,077
LENNAR CORP	CL B	526057302	295	4,489	SH	DFND	1,2,3,4	3,145	0	1,344
LENNOX INTL INC	COM	526107107	15,921	58,402	SH	DFND	1,2,3,4	54,468	0	3,934
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	158	110,053	SH	DFND	1,2,3,4	110,053	0	0
LEXINGTON REALTY TRUST	COM	529043101	5,973	571,553	SH	DFND	1,2,3,4	512,974	0	58,579
LIBERTY BROADBAND CORP	COM SER A	530307107	1,801	12,703	SH	DFND	1,2,3,4	10,447	0	2,256
LIBERTY BROADBAND CORP	COM SER C	530307305	13,954	97,667	SH	DFND	1,2,3,4	85,936	0	11,731
LIBERTY MEDIA CORP DEL	DEB 3.750% 2/1	530715AL5	11,132	15,042,784	PRN	DFND	1,2,3,4	15,042,784	0	0
LIBERTY OILFIELD SVCS INC	COM CL A	53115L104	702	87,800	SH	DFND	1,2,3,4	87,800	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	32,151	969,268	SH	DFND	1,2,3,4	404,266	0	565,002
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	3,642	110,108	SH	DFND	1,2,3,4	92,892	0	17,216
LIBERTY MEDIA CORP DEL	COM A BRAVES GRP	531229706	429	20,540	SH	DFND	1,2,3,4	20,540	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	3,861	106,457	SH	DFND	1,2,3,4	88,755	0	17,702
LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	582	17,382	SH	DFND	1,2,3,4	15,181	0	2,201
LIBERTY MEDIA CORP DEL	COM C BRAVES GRP	531229888	831	39,561	SH	DFND	1,2,3,4	39,561	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	226	130,802	SH	DFND	1,2,3,4	130,800	0	2
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	5,777	60,608	SH	DFND	1,2,3,4	60,608	0	0
LIFEVANTAGE CORP	COM NEW	53222K205	146	12,100	SH	DFND	1,2,3,4	12,100	0	0
LIFE STORAGE INC	COM	53223X107	10,223	97,112	SH	DFND	1,2,3,4	93,012	0	4,100
LILLY ELI & CO	COM	532457108	371,311	2,508,519	SH	DFND	1,2,3,4	2,192,627	0	315,892
LIMELIGHT NETWORKS INC	COM	53261M104	774	134,300	SH	DFND	1,2,3,4	134,300	0	0
LIMESTONE BANCORP INC	COM	53262L105	1,897	180,339	SH	DFND	1,2,3,4	180,339	0	0
LIMONEIRA CO	COM	532746104	283	19,800	SH	DFND	1,2,3,4	19,800	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	9,273	100,748	SH	DFND	1,2,3,4	93,556	0	7,192
LINCOLN NATL CORP IND	COM	534187109	9,411	300,394	SH	DFND	1,2,3,4	262,073	0	38,321
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	402	47,200	SH	DFND	1,2,3,4	47,200	0	0
LINDSAY CORP	COM	535555106	2,129	22,019	SH	DFND	1,2,3,4	19,770	0	2,249
LIONS GATE ENTMNT CORP	CL A VTG	535919401	157	16,525	SH	DFND	1,2,3,4	11,260	0	5,265
LIONS GATE ENTMNT CORP	CL B NON VTG	535919500	337	38,597	SH	DFND	1,2,3,4	28,366	0	10,231
LIQUIDITY SERVICES INC	COM	53635B107	180	24,080	SH	DFND	1,2,3,4	19,200	0	4,880
LIQUIDIA TECHNOLOGIES INC	COM	53635D202	79	16,000	SH	DFND	1,2,3,4	16,000	0	0
LITHIA MTRS INC	CL A	536797103	125,901	552,344	SH	DFND	1,2,3,4	513,364	0	38,980
LITTELFUSE INC	COM	537008104	149,445	842,705	SH	DFND	1,2,3,4	778,786	0	63,919
LIVE NATION ENTERTAINMENT IN	COM	538034109	15,661	290,667	SH	DFND	1,2,3,4	254,943	0	35,724
LIVE OAK BANCSHARES INC	COM	53803X105	866	34,200	SH	DFND	1,2,3,4	34,200	0	0
LIVEPERSON INC	COM	538146101	5,497	105,740	SH	DFND	1,2,3,4	92,560	0	13,180
LIVENT CORP	COM	53814L108	1,868	208,239	SH	DFND	1,2,3,4	174,239	0	34,000
LIVERAMP HLDGS INC	COM	53815P108	8,719	168,427	SH	DFND	1,2,3,4	168,427	0	0
LIVEXLIVE MEDIA INC	COM NEW	53839L208	32	12,500	SH	DFND	1,2,3,4	12,500	0	0
LIVONGO HEALTH INC	COM	539183103	19,458	138,935	SH	DFND	1,2,3,4	129,035	0	9,900

LOCKHEED MARTIN CORP	COM	539830109	219,141	571,751	SH	DFND	1,2,3,4	482,815	0	88,936
LOEWS CORP	COM	540424108	12,811	368,657	SH	DFND	1,2,3,4	322,926	0	45,731
LORAL SPACE & COMMUNICATNS I	COM	543881106	486	26,536	SH	DFND	1,2,3,4	26,536	0	0
LOUISIANA PAC CORP	COM	546347105	10,876	368,558	SH	DFND	1,2,3,4	368,018	0	540
LOVESAC COMPANY	COM	54738L109	40,551	1,463,423	SH	DFND	1,2,3,4	1,385,098	0	78,325
LOWES COS INC	COM	548661107	352,926	2,127,857	SH	DFND	1,2,3,4	1,813,401	0	314,456
LULULEMON ATHLETICA INC	COM	550021109	86,852	263,691	SH	DFND	1,2,3,4	82,580	0	181,111
LUMBER LIQUIDATORS HLDGS INC	COM	55003T107	1,047	47,470	SH	DFND	1,2,3,4	42,100	0	5,370
LUMENTUM HLDGS INC	COM	55024U109	104,788	1,394,761	SH	DFND	1,2,3,4	878,978	0	515,783
LUMINEX CORP DEL	COM	55027E102	1,475	56,179	SH	DFND	1,2,3,4	48,149	0	8,030
LUTHER BURBANK CORP	COM	550550107	273	32,700	SH	DFND	1,2,3,4	32,700	0	0
LYDALL INC DEL	COM	550819106	500	30,230	SH	DFND	1,2,3,4	27,100	0	3,130
LYFT INC	CL A COM	55087P104	13,826	501,852	SH	DFND	1,2,3,4	429,072	0	72,780
LYRA THERAPEUTICS INC	COM	55234L105	690	61,710	SH	DFND	1,2,3,4	61,710	0	0
M & T BK CORP	COM	55261F104	18,320	198,939	SH	DFND	1,2,3,4	174,694	0	24,245
MBIA INC	COM	55262C100	604	99,700	SH	DFND	1,2,3,4	99,700	0	0
M D C HLDGS INC	COM	552676108	3,597	76,372	SH	DFND	1,2,3,4	65,622	0	10,750
MDU RES GROUP INC	COM	552690109	7,786	346,063	SH	DFND	1,2,3,4	328,249	0	17,814
MFA FINL INC	COM	55272X102	1,581	590,000	SH	DFND	1,2,3,4	590,000	0	0
MGE ENERGY INC	COM	55277P104	2,890	46,120	SH	DFND	1,2,3,4	46,120	0	0
MEI PHARMA INC	COM NEW	55279B202	230	73,700	SH	DFND	1,2,3,4	73,700	0	0
MGIC INVT CORP WIS	COM	552848103	4,628	522,324	SH	DFND	1,2,3,4	492,074	0	30,250
MGM RESORTS INTERNATIONAL	COM	552953101	16,729	769,169	SH	DFND	1,2,3,4	615,702	0	153,467
MGM GROWTH PPTYS LLC	CL A COM	55303A105	145,620	5,204,419	SH	DFND	1,2,3,4	4,537,655	0	666,764
MGP INGREDIENTS INC NEW	COM	55303J106	662	16,650	SH	DFND	1,2,3,4	14,200	0	2,450
M/I HOMES INC	COM	55305B101	1,988	43,168	SH	DFND	1,2,3,4	36,996	0	6,172
MKS INSTRS INC	COM	55306N104	190,986	1,748,473	SH	DFND	1,2,3,4	1,615,933	0	132,540
MRC GLOBAL INC	COM	55345K103	47,136	11,013,064	SH	DFND	1,2,3,4	9,294,659	0	1,718,405
MSA SAFETY INC	COM	553498106	7,955	59,290	SH	DFND	1,2,3,4	55,340	0	3,950
MSC INDL DIRECT INC	CL A	553530106	11,292	178,442	SH	DFND	1,2,3,4	174,467	0	3,975
MSCI INC	COM	55354G100	203,628	570,738	SH	DFND	1,2,3,4	318,223	0	252,515
MSG NETWORK INC	CL A	553573106	650	67,900	SH	DFND	1,2,3,4	67,900	0	0
MTS SYS CORP	COM	553777103	543	28,409	SH	DFND	1,2,3,4	24,010	0	4,399
MYR GROUP INC DEL	COM	55405W104	879	23,639	SH	DFND	1,2,3,4	19,735	0	3,904
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	80,939	2,379,867	SH	DFND	1,2,3,4	2,251,327	0	128,540
MACATAWA BK CORP	COM	554225102	246	37,700	SH	DFND	1,2,3,4	37,700	0	0
MACERICH CO	COM	554382101	2,691	396,332	SH	DFND	1,2,3,4	396,332	0	0
MACK CALI RLTY CORP	COM	554489104	2,126	168,463	SH	DFND	1,2,3,4	149,989	0	18,474
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	5,583	207,625	SH	DFND	1,2,3,4	201,130	0	6,495
MACROGENICS INC	COM	556099109	2,081	82,600	SH	DFND	1,2,3,4	82,600	0	0
MACYS INC	COM	55616P104	4,349	763,023	SH	DFND	1,2,3,4	538,504	0	224,519
MADDEN STEVEN LTD	COM	556269108	2,696	138,232	SH	DFND	1,2,3,4	121,088	0	17,144
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	30,272	201,168	SH	DFND	1,2,3,4	87,064	0	114,104
MADISON SQUARE GRDN ENTERTNM	CL A	55826T102	459	6,708	SH	DFND	1,2,3,4	4,519	0	2,189
MADRIGAL PHARMACEUTICALS INC	COM	558868105	66,959	563,962	SH	DFND	1,2,3,4	519,803	0	44,159
MAGELLAN HEALTH INC	COM NEW	559079207	7,234	95,461	SH	DFND	1,2,3,4	91,261	0	4,200
MAGENTA THERAPEUTICS INC	COM	55910K108	265	38,900	SH	DFND	1,2,3,4	38,900	0	0
MAGNA INTL INC	COM	559222401	223,290	4,880,646	SH	DFND	1,2,3,4	4,217,258	0	663,388
MAGNACHIP	COM	55933J203	18,075	1,319,335	SH	DFND	1,2,3,4	1,088,423	0	230,912

SEMICONDUCTOR CORP										
MAGNITE INC	COM	55955D100	836	120,351	SH	DFND	1,2,3,4	120,351	0	0
MAGNOLIA OIL & GAS CORP	CL A	559663109	809	156,533	SH	DFND	1,2,3,4	156,533	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	2,495	203,862	SH	DFND	1,2,3,4	203,862	0	0
MALIBU BOATS INC	COM CL A	56117J100	23,637	476,940	SH	DFND	1,2,3,4	402,545	0	74,395
MALVERN BANCORP INC	COM	561409103	2,379	201,590	SH	DFND	1,2,3,4	201,590	0	0
MANHATTAN ASSOCS INC	COM	562750109	203,005	2,125,930	SH	DFND	1,2,3,4	1,962,588	0	163,342
MANITOWOC CO INC	COM NEW	563571405	342	40,630	SH	DFND	1,2,3,4	40,630	0	0
MANNKIND CORP	COM NEW	56400P706	352	187,400	SH	DFND	1,2,3,4	187,400	0	0
MANPOWERGROUP INC	COM	56418H100	7,244	98,786	SH	DFND	1,2,3,4	93,661	0	5,125
MANTECH INTL CORP	CL A	564563104	4,680	67,950	SH	DFND	1,2,3,4	62,140	0	5,810
MANULIFE FINL CORP	COM	56501R106	4,301	309,171	SH	DFND	1,2,3,4	261,063	0	48,108
MARATHON OIL CORP	COM	565849106	4,929	1,205,242	SH	DFND	1,2,3,4	1,074,048	0	131,194
MARATHON PETE CORP	COM	56585A102	157,587	5,371,069	SH	DFND	1,2,3,4	3,811,969	0	1,559,100
MARCUS & MILLICHAP INC	COM	566324109	2,396	87,076	SH	DFND	1,2,3,4	81,079	0	5,997
MARCUS CORP DEL	COM	566330106	387	50,082	SH	DFND	1,2,3,4	44,140	0	5,942
MARINEMAX INC	COM	567908108	830	32,316	SH	DFND	1,2,3,4	28,286	0	4,030
MARKEL CORP	COM	570535104	7,296	7,493	SH	DFND	1,2,3,4	6,218	0	1,275
MARKER THERAPEUTICS INC	COM	57055L107	44	29,500	SH	DFND	1,2,3,4	29,500	0	0
MARKETAXESS HLDGS INC	COM	57060D108	40,592	84,288	SH	DFND	1,2,3,4	73,957	0	10,331
MARLIN BUSINESS SVCS CORP	COM	571157106	128	18,200	SH	DFND	1,2,3,4	18,200	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	14,047	154,691	SH	DFND	1,2,3,4	154,691	0	0
MARSH & MCLENNAN COS INC	COM	571748102	89,404	779,463	SH	DFND	1,2,3,4	655,716	0	123,747
MARRIOTT INTL INC NEW	CL A	571903202	35,472	383,148	SH	DFND	1,2,3,4	353,087	0	30,061
MARTEN TRANS LTD	COM	573075108	1,406	86,164	SH	DFND	1,2,3,4	73,434	0	12,730
MARTIN MARIETTA MATLS INC	COM	573284106	23,941	101,720	SH	DFND	1,2,3,4	91,533	0	10,187
MASCO CORP	COM	574599106	159,340	2,890,265	SH	DFND	1,2,3,4	2,591,350	0	298,915
MASIMO CORP	COM	574795100	20,500	86,842	SH	DFND	1,2,3,4	77,976	0	8,866
MASONITE INTL CORP	COM	575385109	104,665	1,063,665	SH	DFND	1,2,3,4	902,553	0	161,112
MASTEC INC	COM	576323109	8,842	209,535	SH	DFND	1,2,3,4	209,535	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	1,626,973	4,811,110	SH	DFND	1,2,3,4	3,787,592	0	1,023,518
MASTERCARD INCORPORATED	CL A	57636Q104	67,165	198,614	SH	DFND	1,2,3,4,6	170,046	0	28,568
MASTERCRAFT BOAT HLDGS INC	COM	57637H103	1,341	76,645	SH	DFND	1,2,3,4	76,645	0	0
MATADOR RES CO	COM	576485205	1,329	160,850	SH	DFND	1,2,3,4	140,400	0	20,450
MATCH GROUP INC NEW	COM	57667L107	23,656	213,790	SH	DFND	1,2,3,4	174,464	0	39,326
MATERION CORP	COM	576690101	1,722	33,096	SH	DFND	1,2,3,4	28,726	0	4,370
MATRIX SVC CO	COM	576853105	1,963	235,087	SH	DFND	1,2,3,4	230,167	0	4,920
MATSON INC	COM	57686G105	2,550	63,619	SH	DFND	1,2,3,4	54,400	0	9,219
MATTEL INC	COM	577081102	6,863	586,608	SH	DFND	1,2,3,4	537,544	0	49,064
MATTHEWS INTL CORP	CL A	577128101	1,219	54,538	SH	DFND	1,2,3,4	47,668	0	6,870
MAXIM INTEGRATED PRODS INC	COM	57772K101	42,377	626,781	SH	DFND	1,2,3,4	575,111	0	51,670
MAXLINEAR INC	COM	57776J100	35,252	1,516,852	SH	DFND	1,2,3,4	1,277,792	0	239,060
MAXAR TECHNOLOGIES INC	COM	57778K105	2,192	87,900	SH	DFND	1,2,3,4	87,900	0	0
MAXIMUS INC	COM	577933104	163,740	2,393,517	SH	DFND	1,2,3,4	1,841,430	0	552,087
MCCORMICK & CO INC	COM NON VTG	579780206	36,501	188,053	SH	DFND	1,2,3,4	158,905	0	29,148
MCDONALDS CORP	COM	580135101	414,577	1,888,821	SH	DFND	1,2,3,4	1,711,443	0	177,378
MCGRATH RENTCORP	COM	580589109	1,756	29,461	SH	DFND	1,2,3,4	29,461	0	0
MCKESSON CORP	COM	58155Q103	41,885	281,240	SH	DFND	1,2,3,4	219,376	0	61,864

MEDALLIA INC	COM	584021109	1,407	51,309	SH	DFND	1,2,3,4	36,377	0	14,932
MEDICAL PPTYS TRUST INC	COM	58463J304	77,848	4,415,627	SH	DFND	1,2,3,4	4,200,338	0	215,289
MEDICINOVA INC	COM NEW	58468P206	193	36,800	SH	DFND	1,2,3,4	36,800	0	0
MEDIFAST INC	COM	58470H101	2,554	15,529	SH	DFND	1,2,3,4	13,000	0	2,529
MEDNAX INC	COM	58502B106	5,326	327,147	SH	DFND	1,2,3,4	327,147	0	0
MEDPACE HLDGS INC	COM	58506Q109	10,885	97,402	SH	DFND	1,2,3,4	97,312	0	90
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	44,702	2,684,815	SH	DFND	1,2,3,4	2,424,465	0	260,350
MERCADOLIBRE INC	COM	58733R102	34,183	31,578	SH	DFND	1,2,3,4	30,579	0	999
MERCANTILE BANK CORP	COM	587376104	327	18,161	SH	DFND	1,2,3,4	17,985	0	176
MERCHANTS BANCORP IND	COM	58844R108	314	15,946	SH	DFND	1,2,3,4	15,946	0	0
MERCK & CO. INC	COM	58933Y105	783,548	9,446,032	SH	DFND	1,2,3,4	8,426,834	0	1,019,198
MERCURY SYS INC	COM	589378108	67,760	874,777	SH	DFND	1,2,3,4	821,393	0	53,384
MERCURY GENL CORP NEW	COM	589400100	1,539	37,204	SH	DFND	1,2,3,4	34,799	0	2,405
MEREDITH CORP	COM	589433101	745	56,818	SH	DFND	1,2,3,4	47,400	0	9,418
MERIDIAN BIOSCIENCE INC	COM	589584101	2,077	122,331	SH	DFND	1,2,3,4	114,351	0	7,980
MERIDIAN BANCORP INC MD	COM	58958U103	6,676	645,009	SH	DFND	1,2,3,4	645,009	0	0
MERIT MED SYS INC	COM	589889104	3,940	90,564	SH	DFND	1,2,3,4	81,464	0	9,100
MERITAGE HOMES CORP	COM	59001A102	60,931	551,962	SH	DFND	1,2,3,4	516,952	0	35,010
MERITOR INC	COM	59001K100	5,664	270,509	SH	DFND	1,2,3,4	254,846	0	15,663
MERSANA THERAPEUTICS INC	COM	59045L106	1,458	78,300	SH	DFND	1,2,3,4	78,300	0	0
MESA AIR GROUP INC	COM NEW	590479135	169	57,300	SH	DFND	1,2,3,4	57,300	0	0
MESA LABS INC	COM	59064R109	3,514	13,794	SH	DFND	1,2,3,4	12,870	0	924
META FINL GROUP INC	COM	59100U108	981	51,055	SH	DFND	1,2,3,4	44,605	0	6,450
METHODE ELECTRS INC	COM	591520200	1,894	66,462	SH	DFND	1,2,3,4	52,074	0	14,388
METLIFE INC	COM	59156R108	71,830	1,932,477	SH	DFND	1,2,3,4	1,673,322	0	259,155
METROCITY BANKSHARES INC	COM	59165J105	1,921	145,830	SH	DFND	1,2,3,4	145,830	0	0
METROPOLITAN BK HLDG CORP	COM	591774104	416	14,844	SH	DFND	1,2,3,4	14,844	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	186,899	193,527	SH	DFND	1,2,3,4	176,550	0	16,977
MICHAELS COS INC	COM	59408Q106	5,772	597,860	SH	DFND	1,2,3,4	533,679	0	64,181
MICROSOFT CORP	COM	594918104	9,554,516	45,426,312	SH	DFND	1,2,3,4	39,072,443	0	6,353,869
MICROSOFT CORP	COM	594918104	63,689	302,805	SH	DFND	1,2,3,4,6	257,431	0	45,374
MICROSTRATEGY INC	CL A NEW	594972408	5,012	33,290	SH	DFND	1,2,3,4	24,830	0	8,460
MICROCHIP TECHNOLOGY INC.	COM	595017104	45,059	438,485	SH	DFND	1,2,3,4	363,423	0	75,062
MICRON TECHNOLOGY INC	COM	595112103	98,812	2,104,179	SH	DFND	1,2,3,4	1,979,176	0	125,003
MID-AMER APT CMNTYS INC	COM	59522J103	292,258	2,520,552	SH	DFND	1,2,3,4	2,347,894	0	172,658
MID SOUTHERN BANCORP INC	COM	59548Q107	1,864	144,463	SH	DFND	1,2,3,4	144,463	0	0
MIDDLEBY CORP	COM	596278101	86,432	963,458	SH	DFND	1,2,3,4	845,549	0	117,909
MIDDLEFIELD BANC CORP	COM NEW	596304204	704	36,480	SH	DFND	1,2,3,4	36,480	0	0
MIDDLESEX WTR CO	COM	596680108	1,909	30,716	SH	DFND	1,2,3,4	30,716	0	0
MIDLAND STS BANCORP INC ILL	COM	597742105	372	28,918	SH	DFND	1,2,3,4	28,918	0	0
MIDWESTONE FINL GROUP INC NE	COM	598511103	287	16,072	SH	DFND	1,2,3,4	16,072	0	0
MILLER HERMAN INC	COM	600544100	4,340	143,894	SH	DFND	1,2,3,4	143,894	0	0
MILLER INDS INC TENN	COM NEW	600551204	297	9,700	SH	DFND	1,2,3,4	9,700	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,267	83,509	SH	DFND	1,2,3,4	83,509	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	662	208,200	SH	DFND	1,2,3,4	208,200	0	0
MIRATI THERAPEUTICS	COM	60468T105	12,276	73,931	SH	DFND	1,2,3,4	73,931	0	0

INC										
MIRUM PHARMACEUTICALS INC	COM	604749101	258	13,400	SH	DFND	1,2,3,4	13,400	0	0
MISTRAS GROUP INC	COM	60649T107	67	17,200	SH	DFND	1,2,3,4	17,200	0	0
MITEK SYS INC	COM NEW	606710200	563	44,200	SH	DFND	1,2,3,4	44,200	0	0
MOBILEIRON INC	COM NEW	60739U204	663	94,600	SH	DFND	1,2,3,4	94,600	0	0
MOBILE TELESYSTEMS PJSC	SPONSORED ADR	607409109	3,005	344,193	SH	DFND	1,2,3,4	344,193	0	0
MODEL N INC	COM	607525102	1,401	39,700	SH	DFND	1,2,3,4	39,700	0	0
MODERNA INC	COM	60770K107	11,341	160,292	SH	DFND	1,2,3,4	109,000	0	51,292
MODINE MFG CO	COM	607828100	324	51,900	SH	DFND	1,2,3,4	51,900	0	0
MOELIS & CO	CL A	60786M105	114,076	3,246,329	SH	DFND	1,2,3,4	2,749,523	0	496,806
MOHAWK INDS INC	COM	608190104	8,889	91,081	SH	DFND	1,2,3,4	80,289	0	10,792
MOLECULAR TEMPLATES INC	COM	608550109	346	31,700	SH	DFND	1,2,3,4	31,700	0	0
MOLINA HEALTHCARE INC	COM	60855R100	94,433	515,912	SH	DFND	1,2,3,4	438,258	0	77,654
MOLSON COORS BEVERAGE CO	CL B	60871R209	12,441	370,695	SH	DFND	1,2,3,4	256,975	0	113,720
MOMENTA PHARMACEUTICALS INC	COM	60877T100	19,696	375,300	SH	DFND	1,2,3,4	375,300	0	0
MOMO INC	ADR	60879B107	1,823	132,481	SH	DFND	1,2,3,4	132,481	0	0
MONARCH CASINO & RESORT INC	COM	609027107	797	17,870	SH	DFND	1,2,3,4	15,500	0	2,370
MONDELEZ INTL INC	CL A	609207105	131,733	2,292,999	SH	DFND	1,2,3,4	2,046,906	0	246,093
MONEYGRAM INTL INC	COM NEW	60935Y208	68	24,000	SH	DFND	1,2,3,4	24,000	0	0
MONGODB INC	CL A	60937P106	110,383	476,797	SH	DFND	1,2,3,4	421,356	0	55,441
MONMOUTH REAL ESTATE INVT CO	CL A	609720107	2,288	165,178	SH	DFND	1,2,3,4	165,178	0	0
MONOLITHIC PWR SYS INC	COM	609839105	76,681	274,243	SH	DFND	1,2,3,4	112,886	0	161,357
MONRO INC	COM	610236101	2,037	50,200	SH	DFND	1,2,3,4	43,110	0	7,090
MONSTER BEVERAGE CORP NEW	COM	61174X109	1,533,817	19,124,902	SH	DFND	1,2,3,4	17,842,521	0	1,282,381
MONTAGE RES CORP	COM	61179L100	58	13,304	SH	DFND	1,2,3,4	13,304	0	0
MOODYS CORP	COM	615369105	144,731	499,331	SH	DFND	1,2,3,4	372,437	0	126,894
MOOG INC	CL A	615394202	3,466	54,552	SH	DFND	1,2,3,4	48,962	0	5,590
MORGAN STANLEY	COM NEW	617446448	193,187	3,995,601	SH	DFND	1,2,3,4	2,886,549	0	1,109,052
MORNINGSTAR INC	COM	617700109	1,609	10,019	SH	DFND	1,2,3,4	6,430	0	3,589
MORPHIC HLDG INC	COM	61775R105	473	17,300	SH	DFND	1,2,3,4	17,300	0	0
MOSAIC CO NEW	COM	61945C103	12,983	710,640	SH	DFND	1,2,3,4	644,815	0	65,825
MOTORCAR PTS AMER INC	COM	620071100	452	29,030	SH	DFND	1,2,3,4	25,500	0	3,530
MOTOROLA SOLUTIONS INC	COM NEW	620076307	259,647	1,655,809	SH	DFND	1,2,3,4	1,491,226	0	164,583
MOVADO GROUP INC	COM	624580106	248	24,914	SH	DFND	1,2,3,4	19,800	0	5,114
MUELLER INDS INC	COM	624756102	6,017	222,373	SH	DFND	1,2,3,4	210,227	0	12,146
MUELLER WTR PRODS INC	COM SER A	624758108	2,851	274,376	SH	DFND	1,2,3,4	274,376	0	0
MR COOPER GROUP INC	COM	62482R107	5,849	262,044	SH	DFND	1,2,3,4	246,468	0	15,576
MURPHY OIL CORP	COM	626717102	1,854	207,890	SH	DFND	1,2,3,4	192,585	0	15,305
MURPHY USA INC	COM	626755102	74,429	580,255	SH	DFND	1,2,3,4	580,255	0	0
MUSTANG BIO INC	COM	62818Q104	98	31,200	SH	DFND	1,2,3,4	31,200	0	0
MYERS INDS INC	COM	628464109	558	42,150	SH	DFND	1,2,3,4	35,500	0	6,650
MYRIAD GENETICS INC	COM	62855J104	1,474	113,020	SH	DFND	1,2,3,4	99,100	0	13,920
MYOKARDIA INC	COM	62857M105	11,367	83,379	SH	DFND	1,2,3,4	83,379	0	0
NBT BANCORP INC	COM	628778102	1,965	73,261	SH	DFND	1,2,3,4	63,931	0	9,330
NCR CORP NEW	COM	62886E108	103,068	4,655,292	SH	DFND	1,2,3,4	3,927,146	0	728,146
NIC INC	COM	62914B100	1,925	97,693	SH	DFND	1,2,3,4	83,130	0	14,563
NIO INC	SPON ADS	62914V106	1,346	63,415	SH	DFND	1,2,3,4	23,742	0	39,673
NMI HLDGS INC	CL A	629209305	2,230	125,279	SH	DFND	1,2,3,4	107,688	0	17,591
NGM BIOPHARMACEUTICALS INC	COM	62921N105	496	31,200	SH	DFND	1,2,3,4	31,200	0	0

NN INC	COM	629337106	190	36,900	SH	DFND	1,2,3,4	36,900	0	0
NRG ENERGY INC	COM NEW	629377508	112,989	3,675,635	SH	DFND	1,2,3,4	3,448,702	0	226,933
NVE CORP	COM NEW	629445206	253	5,157	SH	DFND	1,2,3,4	5,157	0	0
NVR INC	COM	62944T105	113,143	27,710	SH	DFND	1,2,3,4	25,143	0	2,567
NV5 GLOBAL INC	COM	62945V109	501	9,500	SH	DFND	1,2,3,4	9,500	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	2,110	47,200	SH	DFND	1,2,3,4	47,200	0	0
NANTHEALTH INC	COM	630104107	115	49,300	SH	DFND	1,2,3,4	49,300	0	0
NANTKWEST INC	COM	63016Q102	385	55,500	SH	DFND	1,2,3,4	55,500	0	0
NAPCO SEC TECHNOLOGIES INC	COM	630402105	354	15,052	SH	DFND	1,2,3,4	14,200	0	852
NASDAQ INC	COM	631103108	21,548	175,597	SH	DFND	1,2,3,4	154,344	0	21,253
NATERA INC	COM	632307104	10,317	142,817	SH	DFND	1,2,3,4	142,817	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	1,428	54,413	SH	DFND	1,2,3,4	47,413	0	7,000
NATIONAL BANKSHARES INC VA	COM	634865109	241	9,500	SH	DFND	1,2,3,4	9,500	0	0
NATIONAL BEVERAGE CORP	COM	635017106	1,037	15,249	SH	DFND	1,2,3,4	13,000	0	2,249
NATIONAL CINEMEDIA INC	COM	635309107	246	90,773	SH	DFND	1,2,3,4	90,773	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	974	15,636	SH	DFND	1,2,3,4	15,636	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	6,288	154,920	SH	DFND	1,2,3,4	147,485	0	7,435
NATIONAL GEN HLDGS CORP	COM	636220303	5,566	164,914	SH	DFND	1,2,3,4	164,914	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	4,739	78,624	SH	DFND	1,2,3,4	78,624	0	0
NATIONAL INSTRS CORP	COM	636518102	7,566	211,931	SH	DFND	1,2,3,4	200,388	0	11,543
NATIONAL OILWELL VARCO INC	COM	637071101	5,268	581,406	SH	DFND	1,2,3,4	509,683	0	71,723
NATIONAL PRESTO INDS INC	COM	637215104	614	7,504	SH	DFND	1,2,3,4	6,524	0	980
NATIONAL RESH CORP	COM NEW	637372202	820	16,669	SH	DFND	1,2,3,4	16,669	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	22,640	656,044	SH	DFND	1,2,3,4	607,189	0	48,855
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	58,683	1,794,024	SH	DFND	1,2,3,4	1,608,678	0	185,346
NATIONAL VISION HLDGS INC	COM	63845R107	144,192	3,770,711	SH	DFND	1,2,3,4	3,428,919	0	341,792
NATIONAL WESTN LIFE GROUP IN	CL A	638517102	2,686	14,695	SH	DFND	1,2,3,4	14,695	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	221	22,400	SH	DFND	1,2,3,4	22,400	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	127	11,000	SH	DFND	1,2,3,4	11,000	0	0
NATUS MED INC DEL	COM	639050103	948	55,356	SH	DFND	1,2,3,4	49,056	0	6,300
NAUTILUS INC	COM	63910B102	529	30,800	SH	DFND	1,2,3,4	30,800	0	0
NAVISTAR INTL CORP NEW	COM	63934E108	3,110	71,429	SH	DFND	1,2,3,4	71,100	0	329
NAVIENT CORPORATION	COM	63938C108	6,889	815,210	SH	DFND	1,2,3,4	814,410	0	800
NCINO INC	COM	63947U107	585	7,343	SH	DFND	1,2,3,4	6,175	0	1,168
NEENAH INC	COM	640079109	1,006	26,836	SH	DFND	1,2,3,4	22,986	0	3,850
NEKTAR THERAPEUTICS	COM	640268108	4,684	282,354	SH	DFND	1,2,3,4	266,854	0	15,500
NELNET INC	CL A	64031N108	4,095	67,970	SH	DFND	1,2,3,4	67,970	0	0
NEOGEN CORP	COM	640491106	9,976	127,495	SH	DFND	1,2,3,4	117,595	0	9,900
NEOLEUKIN THERAPEUTICS INC	COM	64049K104	294	24,500	SH	DFND	1,2,3,4	24,500	0	0
NEOGENOMICS INC	COM NEW	64049M209	6,732	182,500	SH	DFND	1,2,3,4	161,900	0	20,600
NEOPHOTONICS CORP	COM	64051T100	83	13,700	SH	DFND	1,2,3,4	13,700	0	0
NETAPP INC	COM	64110D104	18,630	424,951	SH	DFND	1,2,3,4	349,061	0	75,890
NETFLIX INC	COM	64110L106	417,154	834,257	SH	DFND	1,2,3,4	707,319	0	126,938
NETEASE INC	SPONSORED ADS	64110W102	31,452	69,176	SH	DFND	1,2,3,4	69,176	0	0
NETGEAR INC	COM	64111Q104	1,443	46,808	SH	DFND	1,2,3,4	41,228	0	5,580
NETSCOUT SYS INC	COM	64115T104	52,889	2,422,774	SH	DFND	1,2,3,4	2,076,536	0	346,238

NETSTREIT CORP	COM	64119V303	5,181	283,713	SH	DFND	1,2,3,4	253,030	0	30,683
NEUROCRINE BIOSCIENCES INC	COM	64125C109	67,137	698,182	SH	DFND	1,2,3,4	624,387	0	73,795
NEVRO CORP	COM	64157F103	10,228	73,421	SH	DFND	1,2,3,4	73,421	0	0
NEW GOLD INC CDA	COM	644535106	182	106,810	SH	DFND	1,2,3,4	106,810	0	0
NEW JERSEY RES	COM	646025106	8,526	315,552	SH	DFND	1,2,3,4	315,552	0	0
NEW ORIENTAL ED & TECHNOLOGY	SPON ADR	647581107	155,270	1,038,597	SH	DFND	1,2,3,4	1,038,597	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,860	233,997	SH	DFND	1,2,3,4	176,640	0	57,357
NEW RELIC INC	COM	64829B100	1,627	28,863	SH	DFND	1,2,3,4	19,763	0	9,100
NEW SR INVT GROUP INC	COM	648691103	6,313	1,578,224	SH	DFND	1,2,3,4	1,578,224	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	6,354	768,372	SH	DFND	1,2,3,4	728,112	0	40,260
NEW YORK MTG TR INC	COM PAR \$.02	649604501	1,305	511,774	SH	DFND	1,2,3,4	432,500	0	79,274
NEW YORK TIMES CO	CL A	650111107	10,296	240,618	SH	DFND	1,2,3,4	226,068	0	14,550
NEWAGE INC	COM	650194103	158	91,400	SH	DFND	1,2,3,4	91,400	0	0
NEWELL BRANDS INC	COM	651229106	10,451	609,040	SH	DFND	1,2,3,4	537,902	0	71,138
NEWMARKET CORP	COM	651587107	4,415	12,898	SH	DFND	1,2,3,4	11,639	0	1,259
NEWMARK GROUP INC	CL A	65158N102	918	212,610	SH	DFND	1,2,3,4	212,610	0	0
NEWMONT CORP	COM	651639106	91,627	1,444,086	SH	DFND	1,2,3,4	1,290,467	0	153,619
NEWPARK RES INC	COM PAR \$.01NEW	651718504	130	123,584	SH	DFND	1,2,3,4	106,704	0	16,880
NEWS CORP NEW	CL A	65249B109	8,281	590,665	SH	DFND	1,2,3,4	527,199	0	63,466
NEWS CORP NEW	CL B	65249B208	1,991	142,449	SH	DFND	1,2,3,4	122,786	0	19,663
NEXTIER OILFIELD SOLUTIONS	COM	65290C105	385	208,249	SH	DFND	1,2,3,4	207,000	0	1,249
NEXSTAR MEDIA GROUP INC	CL A	65336K103	3,370	37,473	SH	DFND	1,2,3,4	30,900	0	6,573
NEXTERA ENERGY INC	COM	65339F101	896,619	3,230,362	SH	DFND	1,2,3,4	2,783,749	0	446,613
NEXGEN ENERGY LTD	COM	65340P106	21	11,900	SH	DFND	1,2,3,4	11,900	0	0
NEXTERA ENERGY PARTNERS LP	COM UNIT PART IN	65341B106	253	4,219	SH	DFND	1,2,3,4	3,969	0	250
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	4,226	95,283	SH	DFND	1,2,3,4	91,200	0	4,083
NI HLDGS INC	COM	65342T106	186	11,000	SH	DFND	1,2,3,4	11,000	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	2,610	204,854	SH	DFND	1,2,3,4	105,142	0	99,712
NEXTCURE INC	COM	65343E108	118	13,354	SH	DFND	1,2,3,4	13,354	0	0
NICE LTD	SPONSORED ADR	653656108	28,483	125,457	SH	DFND	1,2,3,4	102,057	0	23,400
NICOLET BANKSHARES INC	COM	65406E102	450	8,241	SH	DFND	1,2,3,4	8,241	0	0
NIKE INC	CL B	654106103	2,118,167	16,872,448	SH	DFND	1,2,3,4	14,708,398	0	2,164,050
NIKE INC	CL B	654106103	35,149	279,979	SH	DFND	1,2,3,4,6	247,301	0	32,678
NISOURCE INC	COM	65473P105	13,624	619,271	SH	DFND	1,2,3,4	554,185	0	65,086
NLIGHT INC	COM	65487K100	972	41,400	SH	DFND	1,2,3,4	41,400	0	0
NOKIA CORP	SPONSORED ADR	654902204	35,105	8,978,182	SH	DFND	1,2,3,4	7,871,174	0	1,107,008
NOBLE ENERGY INC	COM	655044105	15,101	1,766,203	SH	DFND	1,2,3,4	1,688,376	0	77,827
NOODLES & CO	COM CL A	65540B105	327	47,600	SH	DFND	1,2,3,4	47,600	0	0
NORDSON CORP	COM	655663102	130,463	680,133	SH	DFND	1,2,3,4	614,877	0	65,256
NORDSTROM INC	COM	655664100	2,904	243,661	SH	DFND	1,2,3,4	183,316	0	60,345
NORFOLK SOUTHN CORP	COM	655844108	458,936	2,144,660	SH	DFND	1,2,3,4	2,043,446	0	101,214
NORTHEAST BK LEWISTON ME	COM	66405S100	1,795	97,541	SH	DFND	1,2,3,4	97,541	0	0
NORTHERN TR CORP	COM	665859104	57,164	733,158	SH	DFND	1,2,3,4	695,941	0	37,217
NORTHFIELD BANCORP INC DEL	COM	66611T108	3,389	371,586	SH	DFND	1,2,3,4	359,933	0	11,653
NORTHRIM BANCORP INC	COM	666762109	252	9,900	SH	DFND	1,2,3,4	9,900	0	0
NORTHROP GRUMMAN CORP	COM	666807102	179,889	570,189	SH	DFND	1,2,3,4	516,870	0	53,319
NORTHWEST BANCSHARES INC MD	COM	667340103	1,550	168,493	SH	DFND	1,2,3,4	141,834	0	26,659

NORTHWEST NAT HLDG CO	COM	66765N105	2,193	48,309	SH	DFND	1,2,3,4	41,747	0	6,562
NORTHWESTERN CORP	COM NEW	668074305	7,609	156,431	SH	DFND	1,2,3,4	156,431	0	0
NORTONLIFELOCK INC	COM	668771108	43,508	2,087,712	SH	DFND	1,2,3,4	1,696,039	0	391,673
NOVAGOLD RES INC	COM NEW	66987E206	7,165	602,642	SH	DFND	1,2,3,4	602,642	0	0
NOVARTIS AG	SPONSORED ADR	66987V109	2,711	31,173	SH	DFND	1,2,3,4	29,480	0	1,693
NOVAVAX INC	COM NEW	670002401	11,332	104,590	SH	DFND	1,2,3,4	104,590	0	0
NOVANTA INC	COM	67000B104	173,215	1,644,346	SH	DFND	1,2,3,4	1,529,341	0	115,005
NOVO-NORDISK A S	ADR	670100205	14,285	205,749	SH	DFND	1,2,3,4	199,114	0	6,635
NOW INC	COM	67011P100	727	160,204	SH	DFND	1,2,3,4	137,238	0	22,966
NU SKIN ENTERPRISES INC	CL A	67018T105	4,161	83,079	SH	DFND	1,2,3,4	78,584	0	4,495
NUANCE COMMUNICATIONS INC	COM	67020Y100	77,170	2,325,087	SH	DFND	1,2,3,4	2,193,963	0	131,124
NUCOR CORP	COM	670346105	23,418	522,027	SH	DFND	1,2,3,4	466,367	0	55,660
NUTANIX INC	CL A	67059N108	2,133	96,187	SH	DFND	1,2,3,4	63,287	0	32,900
NUVEEN AMT FREE QLTY MUN INC	COM	670657105	508	35,399	SH	DFND	1,2,3,4	35,399	0	0
NVIDIA CORPORATION	COM	67066G104	1,534,297	2,834,886	SH	DFND	1,2,3,4	2,462,259	0	372,627
NUVASIVE INC	COM	670704105	6,369	131,135	SH	DFND	1,2,3,4	131,135	0	0
NUTRIEN LTD	COM	67077M108	21,038	536,272	SH	DFND	1,2,3,4	523,811	0	12,461
OGE ENERGY CORP	COM	670837103	9,974	332,563	SH	DFND	1,2,3,4	314,738	0	17,825
O-I GLASS INC	COM	67098H104	8,266	780,591	SH	DFND	1,2,3,4	780,591	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	78,583	170,432	SH	DFND	1,2,3,4	138,368	0	32,064
OFG BANCORP	COM	67103X102	1,024	82,206	SH	DFND	1,2,3,4	70,626	0	11,580
OSI SYSTEMS INC	COM	671044105	4,304	55,463	SH	DFND	1,2,3,4	51,873	0	3,590
OP BANCORP	COM	67109R109	3,038	531,051	SH	DFND	1,2,3,4	531,051	0	0
OAK STR HEALTH INC	COM	67181A107	515	9,634	SH	DFND	1,2,3,4	7,312	0	2,322
OASIS PETROLEUM INC	COM	674215108	15	55,020	SH	DFND	1,2,3,4	0	0	55,020
OCCIDENTAL PETE CORP	COM	674599105	13,499	1,348,508	SH	DFND	1,2,3,4	1,188,744	0	159,764
OCEANEERING INTL INC	COM	675232102	542	153,990	SH	DFND	1,2,3,4	135,475	0	18,515
OCEANFIRST FINL CORP	COM	675234108	1,830	133,668	SH	DFND	1,2,3,4	133,668	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	612	80,400	SH	DFND	1,2,3,4	80,400	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	1,927	92,987	SH	DFND	1,2,3,4	82,554	0	10,433
OIL DRI CORP AMER	COM	677864100	236	6,600	SH	DFND	1,2,3,4	6,600	0	0
OIL STS INTL INC	COM	678026105	264	96,550	SH	DFND	1,2,3,4	85,200	0	11,350
OKTA INC	CL A	679295105	25,021	117,001	SH	DFND	1,2,3,4	84,375	0	32,626
OLD DOMINION FREIGHT LINE IN	COM	679580100	26,708	147,625	SH	DFND	1,2,3,4	123,840	0	23,785
OLD NATL BANCORP IND	COM	680033107	3,428	272,955	SH	DFND	1,2,3,4	237,511	0	35,444
OLD REP INTL CORP	COM	680223104	7,417	503,198	SH	DFND	1,2,3,4	477,822	0	25,376
OLD SECOND BANCORP INC ILL	COM	680277100	324	43,200	SH	DFND	1,2,3,4	43,200	0	0
OLIN CORP	COM PAR \$1	680665205	3,354	270,914	SH	DFND	1,2,3,4	258,214	0	12,700
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	63,237	723,945	SH	DFND	1,2,3,4	679,235	0	44,710
OLYMPIC STEEL INC	COM	68162K106	231	20,323	SH	DFND	1,2,3,4	15,600	0	4,723
OMNICOM GROUP INC	COM	681919106	18,138	366,427	SH	DFND	1,2,3,4	325,028	0	41,399
OMEGA HEALTHCARE INVS INC	COM	681936100	68,017	2,271,777	SH	DFND	1,2,3,4	2,159,874	0	111,903
OMEGA FLEX INC	COM	682095104	454	2,900	SH	DFND	1,2,3,4	2,900	0	0
OMNICELL COM	COM	68213N109	5,134	68,763	SH	DFND	1,2,3,4	60,647	0	8,116
OMEROS CORP	COM	682143102	706	69,900	SH	DFND	1,2,3,4	69,900	0	0
ON SEMICONDUCTOR CORP	COM	682189105	13,958	643,518	SH	DFND	1,2,3,4	607,108	0	36,410
ONE GAS INC	COM	68235P108	9,738	141,115	SH	DFND	1,2,3,4	141,115	0	0
ONE LIBERTY PPTYS INC	COM	682406103	13,503	825,348	SH	DFND	1,2,3,4	825,348	0	0
FLWS/1-800 FLOWERS	CL A	68243Q106	741	29,700	SH	DFND	1,2,3,4	29,700	0	0
ONEOK INC NEW	COM	682680103	18,624	716,857	SH	DFND	1,2,3,4	637,528	0	79,329

ONEMAIN HLDGS INC	COM	68268W103	52,494	1,679,797	SH	DFND	1,2,3,4	1,436,910	0	242,887
ILIFE HEALTHCARE INC	COM	68269G107	3,188	112,400	SH	DFND	1,2,3,4	112,400	0	0
ONESPAN INC	COM	68287N100	1,140	54,399	SH	DFND	1,2,3,4	46,552	0	7,847
ONTO INNOVATION INC	COM	683344105	1,932	64,887	SH	DFND	1,2,3,4	54,219	0	10,668
ONTRAK INC	COM	683373104	822	13,700	SH	DFND	1,2,3,4	13,700	0	0
OOMA INC	COM	683416101	206	15,800	SH	DFND	1,2,3,4	15,800	0	0
OPEN TEXT CORP	COM	683715106	68,474	1,621,060	SH	DFND	1,2,3,4	1,108,544	0	512,516
OPKO HEALTH INC	COM	68375N103	2,206	597,900	SH	DFND	1,2,3,4	597,900	0	0
OPORTUN FINL CORP	COM	68376D104	220	18,682	SH	DFND	1,2,3,4	16,600	0	2,082
OPPENHEIMER HLDGS INC	CL A NON VTG	683797104	359	16,100	SH	DFND	1,2,3,4	16,100	0	0
ORACLE CORP	COM	68389X105	768,447	12,871,804	SH	DFND	1,2,3,4	11,557,364	0	1,314,440
OPTION CARE HEALTH INC	COM NEW	68404L201	793	59,300	SH	DFND	1,2,3,4	59,300	0	0
OPTINOSE INC	COM	68404V100	210	53,800	SH	DFND	1,2,3,4	53,800	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	1,149	94,400	SH	DFND	1,2,3,4	81,066	0	13,334
ORBCOMM INC	COM	68555P100	339	99,600	SH	DFND	1,2,3,4	99,600	0	0
ORCHID IS CAP INC	COM	68571X103	406	81,000	SH	DFND	1,2,3,4	81,000	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	116	30,300	SH	DFND	1,2,3,4	30,300	0	0
ORIGIN BANCORP INC	COM	68621T102	642	30,046	SH	DFND	1,2,3,4	30,046	0	0
ORIC PHARMACEUTICALS INC	COM	68622P109	285	11,400	SH	DFND	1,2,3,4	11,400	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	8,361	141,450	SH	DFND	1,2,3,4	141,450	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	569	12,400	SH	DFND	1,2,3,4	12,400	0	0
ORTHOFIX MED INC	COM	68752M108	2,447	78,574	SH	DFND	1,2,3,4	74,984	0	3,590
OSHKOSH CORP	COM	688239201	114,989	1,564,473	SH	DFND	1,2,3,4	1,323,377	0	241,096
OTIS WORLDWIDE CORP	COM	68902V107	409,161	6,554,966	SH	DFND	1,2,3,4	4,558,824	0	1,996,142
OTTER TAIL CORP	COM	689648103	4,229	116,933	SH	DFND	1,2,3,4	116,933	0	0
OUTFRONT MEDIA INC	COM	69007J106	642	44,139	SH	DFND	1,2,3,4	31,349	0	12,790
OUTSET MED INC	COM	690145107	21,732	434,644	SH	DFND	1,2,3,4	409,801	0	24,843
OVERSEAS SHIPHOLDING GROUP I	CL A NEW	69036R863	77	36,200	SH	DFND	1,2,3,4	36,200	0	0
OVERSTOCK COM INC DEL	COM	690370101	4,185	57,600	SH	DFND	1,2,3,4	57,600	0	0
OVID THERAPEUTICS INC	COM	690469101	322	56,100	SH	DFND	1,2,3,4	56,100	0	0
OVINTIV INC	COM	69047Q102	2,884	353,451	SH	DFND	1,2,3,4	353,451	0	0
OWENS & MINOR INC NEW	COM	690732102	2,358	93,892	SH	DFND	1,2,3,4	82,012	0	11,880
OWENS CORNING NEW	COM	690742101	12,966	188,426	SH	DFND	1,2,3,4	176,578	0	11,848
OXFORD INDS INC	COM	691497309	25,691	636,534	SH	DFND	1,2,3,4	534,647	0	101,887
OYSTER PT PHARMA INC	COM	69242L106	281	13,300	SH	DFND	1,2,3,4	13,300	0	0
PDL CMNTY BANCORP	COM	69290X101	231	26,167	SH	DFND	1,2,3,4	26,167	0	0
PAE INC	COM CL A	69290Y109	531	62,500	SH	DFND	1,2,3,4	62,500	0	0
PBF ENERGY INC	CL A	69318G106	5,506	967,746	SH	DFND	1,2,3,4	490,673	0	477,073
PC CONNECTION INC	COM	69318J100	3,154	76,808	SH	DFND	1,2,3,4	74,663	0	2,145
PCB BANCORP	COM	69320M109	1,405	159,875	SH	DFND	1,2,3,4	159,875	0	0
PCSB FINL CORP	COM	69324R104	3,397	281,432	SH	DFND	1,2,3,4	281,432	0	0
PDC ENERGY INC	COM	69327R101	1,795	144,812	SH	DFND	1,2,3,4	126,256	0	18,556
PDF SOLUTIONS INC	COM	693282105	608	32,508	SH	DFND	1,2,3,4	24,800	0	7,708
PDL BIOPHARMA INC	COM	69329Y104	2,659	843,988	SH	DFND	1,2,3,4	843,988	0	0
PG&E CORP	COM	69331C108	9,323	992,819	SH	DFND	1,2,3,4	740,481	0	252,338
PICO HLDGS INC	COM NEW	693366205	200	22,300	SH	DFND	1,2,3,4	22,300	0	0
PGT INNOVATIONS INC	COM	69336V101	1,454	82,988	SH	DFND	1,2,3,4	69,158	0	13,830
PJT PARTNERS INC	COM CL A	69343T107	56,796	937,079	SH	DFND	1,2,3,4	837,977	0	99,102
PNC FINL SVCS GROUP INC	COM	693475105	386,605	3,517,467	SH	DFND	1,2,3,4	3,333,639	0	183,828
PNM RES INC	COM	69349H107	77,845	1,883,488	SH	DFND	1,2,3,4	1,606,414	0	277,074
PPG INDS INC	COM	693506107	45,723	374,537	SH	DFND	1,2,3,4	310,620	0	63,917

PPL CORP	COM	69351T106	34,986	1,285,767	SH	DFND	1,2,3,4	1,043,775	0	241,992
PRA HEALTH SCIENCES INC	COM	69354M108	10,541	103,915	SH	DFND	1,2,3,4	93,515	0	10,400
PRA GROUP INC	COM	69354N106	2,901	72,610	SH	DFND	1,2,3,4	62,852	0	9,758
PPD INC	COM	69355F102	2,466	66,675	SH	DFND	1,2,3,4	47,105	0	19,570
PS BUSINESS PKS INC CALIF	COM	69360J107	7,399	60,458	SH	DFND	1,2,3,4	60,458	0	0
PVH CORPORATION	COM	693656100	8,129	136,302	SH	DFND	1,2,3,4	103,340	0	32,962
PTC THERAPEUTICS INC	COM	69366J200	81,282	1,738,658	SH	DFND	1,2,3,4	1,609,618	0	129,040
PTC INC	COM	69370C100	15,148	183,126	SH	DFND	1,2,3,4	164,494	0	18,632
PACCAR INC	COM	693718108	47,851	561,104	SH	DFND	1,2,3,4	497,709	0	63,395
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	2,230	225,900	SH	DFND	1,2,3,4	225,900	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	1,367	367,535	SH	DFND	1,2,3,4	367,535	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	21,988	1,091,774	SH	DFND	1,2,3,4	915,028	0	176,746
PACIRA BIOSCIENCES	COM	695127100	4,372	72,714	SH	DFND	1,2,3,4	64,730	0	7,984
PACKAGING CORP AMER	COM	695156109	17,353	159,132	SH	DFND	1,2,3,4	143,856	0	15,276
PACWEST BANCORP DEL	COM	695263103	3,217	188,359	SH	DFND	1,2,3,4	177,989	0	10,370
PACTIV EVERGREEN INC	COM	69526K105	6,350	500,000	SH	DFND	1,2,3,4	500,000	0	0
PAGERDUTY INC	COM	69553P100	560	20,650	SH	DFND	1,2,3,4	8,450	0	12,200
PALO ALTO NETWORKS INC	COM	697435105	15,002	61,296	SH	DFND	1,2,3,4	44,187	0	17,109
PALOMAR HLDGS INC	COM	69753M105	76,421	733,121	SH	DFND	1,2,3,4	689,918	0	43,203
PAN AMERN SILVER CORP	COM	697900108	1,138	35,412	SH	DFND	1,2,3,4	35,412	0	0
PAPA JOHNS INTL INC	COM	698813102	162,567	1,975,773	SH	DFND	1,2,3,4	1,735,382	0	240,391
PAR TECHNOLOGY CORP	COM	698884103	940	23,200	SH	DFND	1,2,3,4	23,200	0	0
PAR PACIFIC HOLDINGS INC	COM NEW	69888T207	429	63,430	SH	DFND	1,2,3,4	56,000	0	7,430
PARAMOUNT GROUP INC	COM	69924R108	1,229	173,552	SH	DFND	1,2,3,4	156,769	0	16,783
PARATEK PHARMACEUTICALS INC	COM	699374302	335	62,000	SH	DFND	1,2,3,4	62,000	0	0
PARK AEROSPACE CORP	COM	70014A104	292	26,736	SH	DFND	1,2,3,4	23,256	0	3,480
PARK HOTELS RESORTS INC	COM	700517105	11,169	1,118,007	SH	DFND	1,2,3,4	1,096,678	0	21,329
PARK NATL CORP	COM	700658107	1,666	20,331	SH	DFND	1,2,3,4	17,282	0	3,049
PARK OHIO HLDGS CORP	COM	700666100	182	11,300	SH	DFND	1,2,3,4	11,300	0	0
PARKER-HANNIFIN CORP	COM	701094104	47,569	235,095	SH	DFND	1,2,3,4	211,283	0	23,812
PARSLEY ENERGY INC	CL A	701877102	6,176	659,809	SH	DFND	1,2,3,4	632,402	0	27,407
PARSONS CORPORATION	COM	70202L102	966	28,800	SH	DFND	1,2,3,4	28,800	0	0
PARTNERS BANCORP	COM	70213Q108	3,903	693,334	SH	DFND	1,2,3,4	693,334	0	0
PASSAGE BIO INC	COM	702712100	256	19,500	SH	DFND	1,2,3,4	19,500	0	0
PATRICK INDS INC	COM	703343103	3,607	62,707	SH	DFND	1,2,3,4	58,083	0	4,624
PATRIOT NATL BANCORP INC	COM NEW	70336F203	1,289	186,200	SH	DFND	1,2,3,4	186,200	0	0
PATTERSON COS INC	COM	703395103	6,487	269,101	SH	DFND	1,2,3,4	269,101	0	0
PATTERSON UTI ENERGY INC	COM	703481101	755	265,014	SH	DFND	1,2,3,4	230,100	0	34,914
PAYCHEX INC	COM	704326107	115,220	1,444,403	SH	DFND	1,2,3,4	1,299,085	0	145,318
PAYCOM SOFTWARE INC	COM	70432V102	226,491	727,565	SH	DFND	1,2,3,4	669,526	0	58,039
PAYLOCITY HLDG CORP	COM	70438V106	9,864	61,109	SH	DFND	1,2,3,4	54,909	0	6,200
PAYPAL HLDGS INC	COM	70450Y103	1,860,136	9,440,875	SH	DFND	1,2,3,4	8,348,913	0	1,091,962
PAYSIGN INC	COM	70451A104	257	45,300	SH	DFND	1,2,3,4	45,300	0	0
PEABODY ENERGY CORP NEW	COM	704551100	380	165,400	SH	DFND	1,2,3,4	165,400	0	0
PEAPACK-GLADSTONE FINL CORP	COM	704699107	319	21,064	SH	DFND	1,2,3,4	21,064	0	0

PEBBLEBROOK HOTEL TR	COM	70509V100	5,061	403,916	SH	DFND	1,2,3,4	403,916	0	0
PEGASYSYSTEMS INC	COM	705573103	2,801	23,140	SH	DFND	1,2,3,4	16,440	0	6,700
PELTON INTERACTIVE INC	CL A COM	70614W100	5,151	51,902	SH	DFND	1,2,3,4	41,152	0	10,750
PEMBINA PIPELINE CORP	COM	706327103	3,324	156,567	SH	DFND	1,2,3,4	156,567	0	0
PENN NATL GAMING INC	COM	707569109	85,074	1,170,202	SH	DFND	1,2,3,4	1,062,252	0	107,950
PENN VA CORP	COM	70788V102	122	12,400	SH	DFND	1,2,3,4	9,600	0	2,800
PENNANT GROUP INC	COM	70805E109	1,460	37,869	SH	DFND	1,2,3,4	33,169	0	4,700
PENNYMAC MTG INVT TR	COM	70931T103	6,568	408,732	SH	DFND	1,2,3,4	388,052	0	20,680
PENNYMAC FINL SVCS INC NEW	COM	70932M107	21,523	370,322	SH	DFND	1,2,3,4	370,322	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	675	14,160	SH	DFND	1,2,3,4	11,400	0	2,760
PENUMBRA INC	COM	70975L107	130,704	672,416	SH	DFND	1,2,3,4	619,142	0	53,274
PEOPLES BANCORP INC	COM	709789101	375	19,638	SH	DFND	1,2,3,4	19,638	0	0
PEOPLES FINL SVCS CORP	COM	711040105	268	7,700	SH	DFND	1,2,3,4	7,700	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	6,591	639,286	SH	DFND	1,2,3,4	559,594	0	79,692
PEPSICO INC	COM	713448108	693,233	5,001,684	SH	DFND	1,2,3,4	4,427,466	0	574,218
PERDOCEO ED CORP	COM	71363P106	2,969	242,572	SH	DFND	1,2,3,4	227,172	0	15,400
PERFICIENT INC	COM	71375U101	4,713	110,269	SH	DFND	1,2,3,4	103,141	0	7,128
PERFORMANCE FOOD GROUP CO	COM	71377A103	6,329	182,820	SH	DFND	1,2,3,4	182,820	0	0
PERKINELMER INC	COM	714046109	20,718	165,069	SH	DFND	1,2,3,4	145,084	0	19,985
PERSHING SQUARE TONTINE HLDG	COM CL A	71531R109	3,214	141,664	SH	DFND	1,2,3,4	141,664	0	0
PERSHING SQUARE TONTINE HLDG	*W EXP 07/24/202	71531R117	113	15,738	SH	DFND	1,2,3,4	15,738	0	0
PERSPECTA INC	COM	715347100	9,154	470,662	SH	DFND	1,2,3,4	470,069	0	593
PERSONALIS INC	COM	71535D106	615	28,400	SH	DFND	1,2,3,4	28,400	0	0
PETMED EXPRESS INC	COM	716382106	913	28,877	SH	DFND	1,2,3,4	24,200	0	4,677
PETIQ INC	COM CL A	71639T106	718	21,800	SH	DFND	1,2,3,4	21,800	0	0
PETROLEO BRASILEIRO SA PETRO	SP ADR NON VTG	71654V101	171	24,307	SH	DFND	1,2,3,4	24,307	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	37,522	5,270,006	SH	DFND	1,2,3,4	5,270,006	0	0
PFIZER INC	COM	717081103	675,914	18,417,262	SH	DFND	1,2,3,4	17,541,244	0	876,018
PHASEBIO PHARMACEUTICALS INC	COM	717224109	153	43,500	SH	DFND	1,2,3,4	43,500	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	444	12,100	SH	DFND	1,2,3,4	12,100	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	516	29,630	SH	DFND	1,2,3,4	25,850	0	3,780
PHILIP MORRIS INTL INC	COM	718172109	436,766	5,824,317	SH	DFND	1,2,3,4	5,446,433	0	377,884
PHILLIPS 66	COM	718546104	59,904	1,155,561	SH	DFND	1,2,3,4	1,054,145	0	101,416
PHOTRONICS INC	COM	719405102	1,025	102,951	SH	DFND	1,2,3,4	87,971	0	14,980
PHYSICIANS RLTY TR	COM	71943U104	143,771	8,027,400	SH	DFND	1,2,3,4	6,982,435	0	1,044,965
PHREESIA INC	COM	71944F106	1,038	32,300	SH	DFND	1,2,3,4	32,300	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	3,200	235,843	SH	DFND	1,2,3,4	235,843	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	120	58,100	SH	DFND	1,2,3,4	58,100	0	0
PILGRIMS PRIDE CORP	COM	72147K108	1,505	100,577	SH	DFND	1,2,3,4	94,507	0	6,070
PIMCO DYNAMIC CR INCOME FD	COM SHS	72202D106	3,244	161,547	SH	DFND	1,2,3,4	40,519	0	121,028
PINDUODUO INC	SPONSORED ADS	722304102	332	4,473	SH	DFND	1,2,3,4	4,473	0	0
PING IDENTITY HLDG CORP	COM	72341T103	67,895	2,175,432	SH	DFND	1,2,3,4	2,059,200	0	116,232

PINNACLE FINL PARTNERS INC	COM	72346Q104	4,495	126,299	SH	DFND	1,2,3,4	119,799	0	6,500
PINNACLE WEST CAP CORP	COM	723484101	58,889	789,923	SH	DFND	1,2,3,4	729,640	0	60,283
PINTEREST INC	CL A	72352L106	37,349	899,750	SH	DFND	1,2,3,4	571,238	0	328,512
PINTEREST INC	CL A	72352L106	5,396	130,000	SH	Call	DFND	1,2,3,4	0	0
PIONEER BANCORP INC	COM	723561106	1,747	196,744	SH	DFND	1,2,3,4	196,744	0	0
PIONEER NAT RES CO	COM	723787107	33,294	387,188	SH	DFND	1,2,3,4	327,903	0	59,285
PIPER SANDLER COMPANIES	COM	724078100	1,826	25,016	SH	DFND	1,2,3,4	21,791	0	3,225
PITNEY BOWES INC	COM	724479100	1,358	255,679	SH	DFND	1,2,3,4	221,900	0	33,779
PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	2,629	431,744	SH	DFND	1,2,3,4	369,765	0	61,979
PLANET FITNESS INC	CL A	72703H101	134,462	2,182,123	SH	DFND	1,2,3,4	2,004,741	0	177,382
PLANTRONICS INC NEW	COM	727493108	276	23,270	SH	DFND	1,2,3,4	15,029	0	8,241
PLEXUS CORP	COM	729132100	3,451	48,855	SH	DFND	1,2,3,4	42,555	0	6,300
PLUG POWER INC	COM NEW	72919P202	31,950	2,382,524	SH	DFND	1,2,3,4	1,655,183	0	727,341
PLURALSIGHT INC	COM CL A	72941B106	668	39,011	SH	DFND	1,2,3,4	20,275	0	18,736
PLYMOUTH INDL REIT INC	COM	729640102	2,179	176,600	SH	DFND	1,2,3,4	176,600	0	0
POLARIS INC	COM	731068102	9,535	101,075	SH	DFND	1,2,3,4	95,399	0	5,676
POOL CORP	COM	73278L105	105,528	315,441	SH	DFND	1,2,3,4	281,257	0	34,184
POPULAR INC	COM NEW	733174700	1,864	51,384	SH	DFND	1,2,3,4	43,805	0	7,579
PORTLAND GEN ELEC CO	COM NEW	736508847	6,420	180,836	SH	DFND	1,2,3,4	174,632	0	6,204
POST HLDGS INC	COM	737446104	9,013	104,804	SH	DFND	1,2,3,4	98,672	0	6,132
POTLATCHDELTC CORPORATION	COM	737630103	12,247	290,892	SH	DFND	1,2,3,4	290,892	0	0
POWELL INDS INC	COM	739128106	285	11,799	SH	DFND	1,2,3,4	8,829	0	2,970
POWER INTEGRATIONS INC	COM	739276103	5,835	105,330	SH	DFND	1,2,3,4	92,610	0	12,720
PQ GROUP HLDGS INC	COM	73943T103	380	37,000	SH	DFND	1,2,3,4	37,000	0	0
PRECIGEN INC	COM	74017N105	410	117,000	SH	DFND	1,2,3,4	117,000	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	393	63,800	SH	DFND	1,2,3,4	63,800	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	2,499	77,799	SH	DFND	1,2,3,4	75,082	0	2,717
PREFERRED APT CMNTYS INC	COM	74039L103	265	49,150	SH	DFND	1,2,3,4	49,150	0	0
PREMIER FINL BANCORP INC	COM	74050M105	187	17,312	SH	DFND	1,2,3,4	17,312	0	0
PREMIER INC	CL A	74051N102	1,570	47,836	SH	DFND	1,2,3,4	26,910	0	20,926
PREMIER FINANCIAL CORP	COM	74052F108	621	39,842	SH	DFND	1,2,3,4	39,842	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	4,602	126,365	SH	DFND	1,2,3,4	126,365	0	0
PRETIUM RES INC	COM	74139C102	128	10,000	SH	DFND	1,2,3,4	10,000	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	238	23,400	SH	DFND	1,2,3,4	23,400	0	0
PRICE T ROWE GROUP INC	COM	74144T108	45,435	354,348	SH	DFND	1,2,3,4	306,631	0	47,717
PRICESMART INC	COM	741511109	2,176	32,748	SH	DFND	1,2,3,4	27,776	0	4,972
PRIMORIS SVCS CORP	COM	74164F103	27,405	1,519,145	SH	DFND	1,2,3,4	1,258,483	0	260,662
PRIMERICA INC	COM	74164M108	9,846	87,027	SH	DFND	1,2,3,4	81,327	0	5,700
PRIMO WATER CORPORATION	COM	74167P108	95,046	6,693,404	SH	DFND	1,2,3,4	5,659,846	0	1,033,558
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	21,520	534,381	SH	DFND	1,2,3,4	388,150	0	146,231
PROASSURANCE CORP	COM	74267C106	1,287	82,275	SH	DFND	1,2,3,4	70,805	0	11,470
PROCTER AND GAMBLE CO	COM	742718109	1,695,877	12,201,429	SH	DFND	1,2,3,4	10,949,985	0	1,251,444
PROFESSIONAL HLDG CORP	CL A COM	743139107	2,159	160,969	SH	DFND	1,2,3,4	160,969	0	0
PROGRESS SOFTWARE CORP	COM	743312100	6,439	175,546	SH	DFND	1,2,3,4	165,946	0	9,600
PROGRESSIVE CORP	COM	743315103	845,798	8,934,175	SH	DFND	1,2,3,4	7,733,258	0	1,200,917
PROGYNY INC	COM	74340E103	1,242	42,200	SH	DFND	1,2,3,4	42,200	0	0

PROLOGIS INC.	COM	74340W103	263,504	2,618,808	SH	DFND	1,2,3,4	2,408,920	0	209,888
PROOFPOINT INC	COM	743424103	95,994	909,463	SH	DFND	1,2,3,4	490,475	0	418,988
PROS HOLDINGS INC	COM	74346Y103	1,605	50,260	SH	DFND	1,2,3,4	50,260	0	0
PROPETRO HLDG CORP	COM	74347M108	540	133,003	SH	DFND	1,2,3,4	117,973	0	15,030
PROSHARES TR	PSHS ULT S&P 500	74347R107	1,469	20,000	SH	DFND	1,2,3,4	0	0	20,000
PROSPERITY BANCSHARES INC	COM	743606105	16,614	320,552	SH	DFND	1,2,3,4	212,932	0	107,620
PROTAGONIST THERAPEUTICS INC	COM	74366E102	547	28,000	SH	DFND	1,2,3,4	28,000	0	0
PROTECTIVE INS CORP	CL B	74368L203	246	18,710	SH	DFND	1,2,3,4	18,710	0	0
PROTO LABS INC	COM	743713109	6,070	46,870	SH	DFND	1,2,3,4	41,150	0	5,720
PROVENTION BIO INC	COM	74374N102	674	52,500	SH	DFND	1,2,3,4	52,500	0	0
PROVIDENCE SVC CORP	COM	743815102	1,459	15,703	SH	DFND	1,2,3,4	13,423	0	2,280
PROVIDENT FINL SVCS INC	COM	74386T105	2,133	174,875	SH	DFND	1,2,3,4	159,285	0	15,590
PRUDENTIAL FINL INC	COM	744320102	46,149	726,526	SH	DFND	1,2,3,4	589,711	0	136,815
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	44,138	803,819	SH	DFND	1,2,3,4	645,692	0	158,127
PUBLIC STORAGE	COM	74460D109	70,216	315,264	SH	DFND	1,2,3,4	275,155	0	40,109
PULTE GROUP INC	COM	745867101	200,882	4,339,641	SH	DFND	1,2,3,4	3,718,612	0	621,029
PULSE BIOSCIENCES INC	COM	74587B101	300	25,449	SH	DFND	1,2,3,4	25,449	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	656	65,000	SH	DFND	1,2,3,4	65,000	0	0
PURE STORAGE INC	CL A	74624M102	1,950	126,720	SH	DFND	1,2,3,4	92,670	0	34,050
PURPLE INNOVATION INC	COM	74640Y106	246	9,900	SH	DFND	1,2,3,4	9,900	0	0
QCR HOLDINGS INC	COM	74727A104	410	14,967	SH	DFND	1,2,3,4	14,967	0	0
QAD INC	CL A	74727D306	481	11,400	SH	DFND	1,2,3,4	11,400	0	0
QUAD / GRAPHICS INC	COM CL A	747301109	138	45,500	SH	DFND	1,2,3,4	45,500	0	0
QUAKER CHEM CORP	COM	747316107	3,925	21,840	SH	DFND	1,2,3,4	19,010	0	2,830
PZENA INVESTMENT MGMT INC	CLASS A	74731Q103	221	41,222	SH	DFND	1,2,3,4	41,222	0	0
QEP RESOURCES INC	COM	74733V100	41	45,150	SH	DFND	1,2,3,4	0	0	45,150
QTS RLTY TR INC	COM CL A	74736A103	87,155	1,382,966	SH	DFND	1,2,3,4	1,313,806	0	69,160
QORVO INC	COM	74736K101	29,425	228,081	SH	DFND	1,2,3,4	207,488	0	20,593
Q2 HLDGS INC	COM	74736L109	6,777	74,260	SH	DFND	1,2,3,4	74,260	0	0
QUALCOMM INC	COM	747525103	1,190,863	10,119,504	SH	DFND	1,2,3,4	9,291,029	0	828,475
QUALYS INC	COM	74758T303	8,770	89,480	SH	DFND	1,2,3,4	89,480	0	0
QUANEX BUILDING PRODUCTS COR	COM	747619104	804	43,620	SH	DFND	1,2,3,4	35,852	0	7,768
QUANTA SVCS INC	COM	74762E102	94,102	1,780,204	SH	DFND	1,2,3,4	1,513,135	0	267,069
QUANTERIX CORP	COM	74766Q101	638	18,900	SH	DFND	1,2,3,4	18,900	0	0
QUANTUM CORP	COM NEW	747906501	60	13,100	SH	DFND	1,2,3,4	13,100	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	120,841	1,055,471	SH	DFND	1,2,3,4	1,016,979	0	38,492
QUIDEL CORP	COM	74838J101	14,110	64,318	SH	DFND	1,2,3,4	57,618	0	6,700
QUINSTREET INC	COM	74874Q100	1,029	64,990	SH	DFND	1,2,3,4	52,900	0	12,090
QUOTIENT TECHNOLOGY INC	COM	749119103	813	110,200	SH	DFND	1,2,3,4	110,200	0	0
QURATE RETAIL INC	COM SER A	74915M100	2,859	398,160	SH	DFND	1,2,3,4	363,457	0	34,703
RBB BANCORP	COM	74930B105	3,058	269,664	SH	DFND	1,2,3,4	269,664	0	0
R1 RCM INC	COM	749397105	3,074	179,230	SH	DFND	1,2,3,4	157,700	0	21,530
REV GROUP INC	COM	749527107	16,979	2,151,963	SH	DFND	1,2,3,4	1,776,293	0	375,670
RLI CORP	COM	749607107	8,527	101,838	SH	DFND	1,2,3,4	101,838	0	0
RLJ LODGING TR	COM	74965L101	82,849	9,566,820	SH	DFND	1,2,3,4	8,444,425	0	1,122,395
RPC INC	COM	749660106	477	180,531	SH	DFND	1,2,3,4	167,807	0	12,724
RMR GROUP INC	CL A	74967R106	548	19,939	SH	DFND	1,2,3,4	19,939	0	0
RH	COM	74967X103	20,112	52,564	SH	DFND	1,2,3,4	48,564	0	4,000
RPM INTL INC	COM	749685103	20,342	245,554	SH	DFND	1,2,3,4	224,443	0	21,111
RPT REALTY	SH BEN INT	74971D101	718	132,062	SH	DFND	1,2,3,4	113,912	0	18,150
RACKSPACE TECHNOLOGY INC	COM	750102105	791	41,000	SH	DFND	1,2,3,4	41,000	0	0
RADIAN GROUP INC	COM	750236101	6,655	455,543	SH	DFND	1,2,3,4	455,543	0	0

RADIANT LOGISTICS INC	COM	75025X100	2,534	493,003	SH	DFND	1,2,3,4	493,003	0	0
RADIUS HEALTH INC	COM NEW	750469207	756	66,640	SH	DFND	1,2,3,4	66,640	0	0
RADNET INC	COM	750491102	931	60,665	SH	DFND	1,2,3,4	52,700	0	7,965
RAFAEL HLDGS INC	COM CL B	75062E106	158	10,200	SH	DFND	1,2,3,4	10,200	0	0
RAMBUS INC DEL	COM	750917106	2,445	178,628	SH	DFND	1,2,3,4	154,330	0	24,298
RALPH LAUREN CORP	CL A	751212101	67,394	991,525	SH	DFND	1,2,3,4	848,535	0	142,990
RANDOLPH BANCORP INC	COM	752378109	5,630	452,920	SH	DFND	1,2,3,4	452,920	0	0
RANGE RES CORP	COM	75281A109	2,115	319,460	SH	DFND	1,2,3,4	271,730	0	47,730
RANPAK HOLDINGS CORP	COM CL A	75321W103	41,131	4,320,491	SH	DFND	1,2,3,4	4,052,255	0	268,236
RAPID7 INC	COM	753422104	4,433	72,395	SH	DFND	1,2,3,4	72,395	0	0
RAPT THERAPEUTICS INC	COM	75382E109	470	14,600	SH	DFND	1,2,3,4	14,600	0	0
RAVEN INDS INC	COM	754212108	1,130	52,528	SH	DFND	1,2,3,4	44,488	0	8,040
RAYMOND JAMES FINL INC	COM	754730109	13,512	185,709	SH	DFND	1,2,3,4	163,129	0	22,580
RAYONIER INC	COM	754907103	11,994	453,645	SH	DFND	1,2,3,4	441,700	0	11,945
RAYONIER ADVANCED MATLS INC	COM	75508B104	307	96,080	SH	DFND	1,2,3,4	84,300	0	11,780
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	328,056	5,701,350	SH	DFND	1,2,3,4	5,394,255	0	307,095
RBC BEARINGS INC	COM	75524B104	4,290	35,390	SH	DFND	1,2,3,4	35,390	0	0
RE MAX HLDGS INC	CL A	75524W108	4,241	129,571	SH	DFND	1,2,3,4	126,201	0	3,370
READY CAPITAL CORP	COM	75574U101	721	64,380	SH	DFND	1,2,3,4	56,724	0	7,656
REALOGY HLDGS CORP	COM	75605Y106	3,457	366,242	SH	DFND	1,2,3,4	341,491	0	24,751
REALPAGE INC	COM	75606N109	2,853	49,490	SH	DFND	1,2,3,4	34,740	0	14,750
REALTY INCOME CORP	COM	756109104	59,726	983,145	SH	DFND	1,2,3,4	878,655	0	104,490
REATA PHARMACEUTICALS INC	CL A	75615P103	1,174	12,050	SH	DFND	1,2,3,4	8,000	0	4,050
RECRO PHARMA INC	COM	75629F109	89	42,500	SH	DFND	1,2,3,4	42,500	0	0
RED RIVER BANCSHARES INC	COM	75686R202	3,350	77,912	SH	DFND	1,2,3,4	77,912	0	0
RED ROCK RESORTS INC	CL A	75700L108	1,525	89,200	SH	DFND	1,2,3,4	89,200	0	0
REDFIN CORP	COM	75737F108	7,065	141,506	SH	DFND	1,2,3,4	141,506	0	0
REDWOOD TR INC	COM	758075402	1,307	173,775	SH	DFND	1,2,3,4	129,980	0	43,795
REGAL BELOIT CORP	COM	758750103	188,505	2,008,146	SH	DFND	1,2,3,4	1,685,668	0	322,478
REGENCY CTRS CORP	COM	758849103	12,251	322,220	SH	DFND	1,2,3,4	294,592	0	27,628
REGENERON PHARMACEUTICALS	COM	75886F107	870,127	1,554,408	SH	DFND	1,2,3,4	1,441,975	0	112,433
REGIS CORP MINN	COM	758932107	13,656	2,224,052	SH	DFND	1,2,3,4	1,831,542	0	392,510
REGENXBIO INC	COM	75901B107	1,631	59,270	SH	DFND	1,2,3,4	53,700	0	5,570
REGIONAL MGMT CORP	COM	75902K106	290	17,400	SH	DFND	1,2,3,4	17,400	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	21,190	1,837,780	SH	DFND	1,2,3,4	1,319,517	0	518,263
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	237,644	2,496,521	SH	DFND	1,2,3,4	2,247,165	0	249,356
RELAY THERAPEUTICS INC	COM	75943R102	29,905	702,161	SH	DFND	1,2,3,4	668,909	0	33,252
RELIANCE STEEL & ALUMINUM CO	COM	759509102	124,533	1,220,436	SH	DFND	1,2,3,4	1,059,528	0	160,908
RELX PLC	SPONSORED ADR	759530108	32,881	1,469,880	SH	DFND	1,2,3,4	1,220,288	0	249,592
RELMADA THERAPEUTICS INC	COM	75955J402	655	17,400	SH	DFND	1,2,3,4	17,400	0	0
RELIANT BANCORP INC	COM	75956B101	2,181	150,413	SH	DFND	1,2,3,4	150,413	0	0
RENASANT CORP	COM	75970E107	1,638	72,102	SH	DFND	1,2,3,4	72,102	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	11,191	209,484	SH	DFND	1,2,3,4	202,154	0	7,330
REPRO MED SYS INC	COM	759910102	165	22,900	SH	DFND	1,2,3,4	22,900	0	0
REPLIGEN CORP	COM	759916109	166,849	1,130,873	SH	DFND	1,2,3,4	1,028,092	0	102,781
RENT A CTR INC NEW	COM	76009N100	2,023	67,688	SH	DFND	1,2,3,4	57,203	0	10,485
REPUBLIC BANCORP INC KY	CL A	760281204	1,816	64,504	SH	DFND	1,2,3,4	64,504	0	0

REPAY HLDGS CORP	COM CL A	76029L100	1,692	72,000	SH	DFND	1,2,3,4	72,000	0	0
REPLIMUNE GROUP INC	COM	76029N106	564	24,500	SH	DFND	1,2,3,4	24,500	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	109	55,300	SH	DFND	1,2,3,4	55,300	0	0
REPUBLIC SVCS INC	COM	760759100	59,427	636,600	SH	DFND	1,2,3,4	567,391	0	69,209
RESMED INC	COM	761152107	39,312	229,317	SH	DFND	1,2,3,4	189,747	0	39,570
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,333	212,064	SH	DFND	1,2,3,4	185,563	0	26,501
RESOURCES CONNECTION INC	COM	76122Q105	636	55,062	SH	DFND	1,2,3,4	48,788	0	6,274
RETROPHIN INC	COM	761299106	1,029	55,720	SH	DFND	1,2,3,4	55,720	0	0
RETRACTABLE TECHNOLOGIES INC	COM	76129W105	103	15,500	SH	DFND	1,2,3,4	15,500	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	2,741	47,661	SH	DFND	1,2,3,4	47,661	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	2,222	213,387	SH	DFND	1,2,3,4	188,337	0	25,050
RETAIL PPTYS AMER INC	CL A	76131V202	12,535	2,157,567	SH	DFND	1,2,3,4	1,820,816	0	336,751
REVANCE THERAPEUTICS INC	COM	761330109	65,452	2,603,516	SH	DFND	1,2,3,4	2,410,301	0	193,215
RETAIL VALUE INC	COM	76133Q102	320	25,420	SH	DFND	1,2,3,4	25,420	0	0
REVLON INC	CL A NEW	761525609	149	23,500	SH	DFND	1,2,3,4	23,500	0	0
REVOLUTION MEDICINES INC	COM	76155X100	1,945	55,900	SH	DFND	1,2,3,4	55,900	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	542	8,263	SH	DFND	1,2,3,4	7,233	0	1,030
REXNORD CORP	COM	76169B102	6,617	221,761	SH	DFND	1,2,3,4	221,761	0	0
REXFORD INDL RLTY INC	COM	76169C100	35,156	768,274	SH	DFND	1,2,3,4	715,974	0	52,300
REYNOLDS CONSUMER PRODS INC	COM	76171L106	14,584	476,287	SH	DFND	1,2,3,4	157,313	0	318,974
RHINEBECK BANCORP INC	COM	762093102	1,065	168,442	SH	DFND	1,2,3,4	168,442	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	869	40,100	SH	DFND	1,2,3,4	40,100	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	307	79,257	SH	DFND	1,2,3,4	79,257	0	0
RICHMOND MUT BANCORPORATION	COM	76525P100	4,849	458,319	SH	DFND	1,2,3,4	458,319	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	361	150,340	SH	DFND	1,2,3,4	150,340	0	0
RIMINI STR INC DEL	COM	76674Q107	32	10,000	SH	DFND	1,2,3,4	10,000	0	0
RINGCENTRAL INC	CL A	76680R206	89,853	327,201	SH	DFND	1,2,3,4	282,550	0	44,651
RITCHIE BROS AUCTIONEERS	COM	767744105	667	11,252	SH	DFND	1,2,3,4	8,888	0	2,364
RITE AID CORP	COM	767754872	628	66,140	SH	DFND	1,2,3,4	66,140	0	0
RIVERVIEW BANCORP INC	COM	769397100	49	11,700	SH	DFND	1,2,3,4	11,700	0	0
ROBERT HALF INTL INC	COM	770323103	178,406	3,369,958	SH	DFND	1,2,3,4	2,830,775	0	539,183
ROCKET COS INC	COM CL A	77311W101	510	25,584	SH	DFND	1,2,3,4	16,584	0	9,000
ROCKET PHARMACEUTICALS INC	COM	77313F106	800	35,000	SH	DFND	1,2,3,4	35,000	0	0
ROCKWELL AUTOMATION INC	COM	773903109	176,282	798,811	SH	DFND	1,2,3,4	474,594	0	324,217
ROCKWELL MED INC	COM	774374102	85	79,500	SH	DFND	1,2,3,4	79,500	0	0
ROGERS COMMUNICATIONS INC	CL B	775109200	2,056	51,857	SH	DFND	1,2,3,4	44,137	0	7,720
ROGERS CORP	COM	775133101	2,893	29,503	SH	DFND	1,2,3,4	25,333	0	4,170
ROKU INC	COM CL A	77543R102	23,437	124,138	SH	DFND	1,2,3,4	65,987	0	58,151
ROLLINS INC	COM	775711104	14,187	261,796	SH	DFND	1,2,3,4	184,187	0	77,609
ROPER TECHNOLOGIES INC	COM	776696106	592,269	1,498,997	SH	DFND	1,2,3,4	1,392,528	0	106,469
ROSETTA STONE INC	COM	777780107	717	23,900	SH	DFND	1,2,3,4	23,900	0	0
ROSS STORES INC	COM	778296103	73,443	787,000	SH	DFND	1,2,3,4	667,423	0	119,577
ROYAL BK CDA	COM	780087102	74,962	1,068,748	SH	DFND	1,2,3,4	1,032,429	0	36,319

ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	31,970	1,319,965	SH	DFND	1,2,3,4	1,216,872	0	103,093
ROYAL GOLD INC	COM	780287108	13,367	111,237	SH	DFND	1,2,3,4	101,221	0	10,016
RUBIUS THERAPEUTICS INC	COM	78116T103	407	81,200	SH	DFND	1,2,3,4	81,200	0	0
RUSH ENTERPRISES INC	CL A	781846209	1,742	34,466	SH	DFND	1,2,3,4	34,466	0	0
RUSH ENTERPRISES INC	CL B	781846308	323	7,300	SH	DFND	1,2,3,4	7,300	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	28,294	2,558,257	SH	DFND	1,2,3,4	2,104,546	0	453,711
RYDER SYS INC	COM	783549108	3,224	76,322	SH	DFND	1,2,3,4	71,651	0	4,671
RYERSON HLDG CORP	COM	783754104	214	37,400	SH	DFND	1,2,3,4	37,400	0	0
RYMAN HOSPITALITY PPTY INC	COM	78377T107	3,628	98,594	SH	DFND	1,2,3,4	98,594	0	0
S & T BANCORP INC	COM	783859101	1,155	65,306	SH	DFND	1,2,3,4	56,773	0	8,533
SB FINL GROUP INC	COM	78408D105	5,565	412,524	SH	DFND	1,2,3,4	412,524	0	0
S&P GLOBAL INC	COM	78409V104	347,907	964,799	SH	DFND	1,2,3,4	862,896	0	101,903
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	112,990	354,780	SH	DFND	1,2,3,4	197,615	0	157,165
SEI INVTS CO	COM	784117103	10,075	198,642	SH	DFND	1,2,3,4	188,352	0	10,290
SJW GROUP	COM	784305104	2,666	43,806	SH	DFND	1,2,3,4	43,806	0	0
SL GREEN RLTY CORP	COM	78440X101	15,293	329,804	SH	DFND	1,2,3,4	316,880	0	12,924
SLM CORP	COM	78442P106	5,441	672,614	SH	DFND	1,2,3,4	629,698	0	42,916
SM ENERGY CO	COM	78454L100	240	150,953	SH	DFND	1,2,3,4	131,134	0	19,819
SPDR S&P 500 ETF TR	TR UNIT	78462F103	678,987	2,027,492	SH	DFND	1,2,3,4	2,022,809	0	4,683
SPX CORP	COM	784635104	2,937	63,333	SH	DFND	1,2,3,4	53,615	0	9,718
SPS COMMERCE INC	COM	78463M107	6,456	82,912	SH	DFND	1,2,3,4	75,352	0	7,560
SPDR INDEX SHS FDS	EURO STOXX 50	78463X202	27,834	765,727	SH	DFND	1,2,3,4	711,991	0	53,736
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	3,640	96,932	SH	DFND	1,2,3,4	83,189	0	13,743
SPDR SER TR	S&P REGL BKG	78464A698	14,272	400,000	SH	Put	DFND	1,2,3,4	0	0
SPDR SER TR	S&P DIVID ETF	78464A763	673	7,284	SH	DFND	1,2,3,4	7,284	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	7,739	127,875	SH	DFND	1,2,3,4	97,040	0	30,835
SPDR DOW JONES INDL AVERAGE	UT SER 1	78467X109	601	2,167	SH	DFND	1,2,3,4	2,167	0	0
SPDR S&P MIDCAP 400 ETF TR	UTSER1 S&PDCRP	78467Y107	44,314	130,786	SH	DFND	1,2,3,4	130,486	0	300
SPDR SER TR	S&P OILGAS EXP	78468R556	61,002	1,450,000	SH	Put	DFND	1,2,3,4	0	0
SPDR SER TR	NUVEEN BLMBRG SR	78468R739	703	14,095	SH	DFND	1,2,3,4	14,095	0	0
SP PLUS CORP	COM	78469C103	204	11,389	SH	DFND	1,2,3,4	10,500	0	889
SPX FLOW INC	COM	78469X107	3,213	75,045	SH	DFND	1,2,3,4	65,915	0	9,130
SSR MNG INC	COM	784730103	269	14,392	SH	DFND	1,2,3,4	14,392	0	0
SVB FINANCIAL GROUP	COM	78486Q101	78,639	326,820	SH	DFND	1,2,3,4	290,113	0	36,707
SVMK INC	COM	78489X103	3,850	174,120	SH	DFND	1,2,3,4	174,120	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	10,406	754,895	SH	DFND	1,2,3,4	754,895	0	0
SABRE CORP	COM	78573M104	3,194	490,683	SH	DFND	1,2,3,4	465,978	0	24,705
SAFEGUARD SCIENTIFICS INC	COM NEW	786449207	122	22,330	SH	DFND	1,2,3,4	22,330	0	0
SAFEHOLD INC	COM	78645L100	1,886	30,372	SH	DFND	1,2,3,4	26,950	0	3,422
SAFETY INS GROUP INC	COM	78648T100	1,574	22,776	SH	DFND	1,2,3,4	19,596	0	3,180
SAGE THERAPEUTICS INC	COM	78667J108	1,567	25,631	SH	DFND	1,2,3,4	20,781	0	4,850
SAIA INC	COM	78709Y105	102,405	811,835	SH	DFND	1,2,3,4	767,824	0	44,011
SAILPOINT TECHNLOGIES HLDGS I	COM	78781P105	5,138	129,840	SH	DFND	1,2,3,4	129,840	0	0
ST JOE CO	COM	790148100	1,192	57,794	SH	DFND	1,2,3,4	50,400	0	7,394
SALESFORCE COM INC	COM	79466L302	578,625	2,302,344	SH	DFND	1,2,3,4	1,660,094	0	642,250
SALLY BEAUTY HLDGS INC	COM	79546E104	2,495	287,060	SH	DFND	1,2,3,4	287,060	0	0
SANDERSON FARMS INC	COM	800013104	6,230	52,806	SH	DFND	1,2,3,4	52,806	0	0
SANDSTORM GOLD LTD	COM NEW	80013R206	92	10,900	SH	DFND	1,2,3,4	10,900	0	0
SANDY SPRING	COM	800363103	17,367	752,480	SH	DFND	1,2,3,4	629,443	0	123,037

BANCORP INC										
SANFILIPPO JOHN B & SON INC	COM	800422107	2,249	29,842	SH	DFND	1,2,3,4	27,716	0	2,126
SANGAMO THERAPEUTICS INC	COM	800677106	1,184	125,341	SH	DFND	1,2,3,4	125,341	0	0
SANMINA CORPORATION	COM	801056102	5,727	211,709	SH	DFND	1,2,3,4	197,229	0	14,480
SANOFI	SPONSORED ADR	80105N105	2,953	58,869	SH	DFND	1,2,3,4	53,855	0	5,014
SANTANDER CONSUMER USA HDG I	COM	80283M101	936	51,452	SH	DFND	1,2,3,4	44,838	0	6,614
SAREPTA THERAPEUTICS INC	COM	803607100	64,901	462,159	SH	DFND	1,2,3,4	403,709	0	58,450
SAUL CTRS INC	COM	804395101	391	14,717	SH	DFND	1,2,3,4	11,487	0	3,230
SAVARA INC	COM	805111101	51	46,500	SH	DFND	1,2,3,4	46,500	0	0
SCANSOURCE INC	COM	806037107	789	39,770	SH	DFND	1,2,3,4	34,091	0	5,679
HENRY SCHEIN INC	COM	806407102	164,300	2,795,170	SH	DFND	1,2,3,4	1,879,844	0	915,326
SCHLUMBERGER LTD	COM	806857108	39,054	2,509,927	SH	DFND	1,2,3,4	2,164,299	0	345,628
SCHNITZER STL INDS	CL A	806882106	19,950	1,037,430	SH	DFND	1,2,3,4	870,174	0	167,256
SCHNEIDER NATIONAL INC	CL B	80689H102	887	35,860	SH	DFND	1,2,3,4	30,610	0	5,250
SCHOLASTIC CORP	COM	807066105	1,256	59,817	SH	DFND	1,2,3,4	53,508	0	6,309
SCHOLAR ROCK HLDG CORP	COM	80706P103	409	23,100	SH	DFND	1,2,3,4	23,100	0	0
SCHRODINGER INC	COM	80810D103	2,284	48,064	SH	DFND	1,2,3,4	48,064	0	0
SCHWAB CHARLES CORP	COM	808513105	681,544	18,811,592	SH	DFND	1,2,3,4	14,472,729	0	4,338,863
SCHWAB CHARLES CORP	COM	808513105	33,733	931,085	SH	DFND	1,2,3,4,6	802,432	0	128,653
SCHWAB STRATEGIC TR	US MID-CAP ETF	808524508	301	5,428	SH	DFND	1,2,3,4	5,428	0	0
SCHWAB STRATEGIC TR	INTL EQTY ETF	808524805	295	9,398	SH	DFND	1,2,3,4	9,398	0	0
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	1,445	47,557	SH	DFND	1,2,3,4	40,626	0	6,931
SCIENCE APPLICATIONS INTL CO	COM	808625107	9,621	122,682	SH	DFND	1,2,3,4	116,997	0	5,685
SCIENTIFIC GAMES CORP	COM	80874P109	5,055	144,793	SH	DFND	1,2,3,4	144,793	0	0
SCOTTS MIRACLE GRO CO	CL A	810186106	11,832	77,376	SH	DFND	1,2,3,4	70,288	0	7,088
SCRIPPS E W CO OHIO	CL A NEW	811054402	911	79,626	SH	DFND	1,2,3,4	66,048	0	13,578
SCULPTOR CAP MGMT	COM CL A	811246107	339	28,900	SH	DFND	1,2,3,4	28,900	0	0
SEA LTD	SPONSORD ADS	81141R100	9,756	63,332	SH	DFND	1,2,3,4	63,332	0	0
SEABOARD CORP	COM	811543107	684	241	SH	DFND	1,2,3,4	126	0	115
SEACOAST BKG CORP FLA	COM NEW	811707801	1,497	83,042	SH	DFND	1,2,3,4	71,745	0	11,297
SEACOR HOLDINGS INC	COM	811904101	728	25,050	SH	DFND	1,2,3,4	21,500	0	3,550
SEALED AIR CORP NEW	COM	81211K100	91,895	2,367,811	SH	DFND	1,2,3,4	2,007,969	0	359,842
SEASPINE HLDGS CORP	COM	81255T108	503	35,200	SH	DFND	1,2,3,4	35,200	0	0
SEATTLE GENETICS INC	COM	812578102	14,960	76,447	SH	DFND	1,2,3,4	54,549	0	21,898
SEAWORLD ENTMT INC	COM	81282V100	1,254	63,600	SH	DFND	1,2,3,4	63,600	0	0
SELECT SECTOR SPDR TR	SBI HEALTHCARE	81369Y209	790	7,491	SH	DFND	1,2,3,4	7,035	0	456
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	637	9,941	SH	DFND	1,2,3,4	9,941	0	0
SELECT SECTOR SPDR TR	SBI INT-FINL	81369Y605	276	11,449	SH	DFND	1,2,3,4	9,749	0	1,700
SECUREWORKS CORP	CL A	81374A105	372	32,700	SH	DFND	1,2,3,4	32,700	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	429	111,722	SH	DFND	1,2,3,4	111,722	0	0
SELECT BANCORP INC NEW	COM	81617L108	4,873	677,725	SH	DFND	1,2,3,4	677,725	0	0
SELECT MED HLDGS CORP	COM	81619Q105	3,653	175,452	SH	DFND	1,2,3,4	155,488	0	19,964
SELECTA BIOSCIENCES INC	COM	816212104	369	148,900	SH	DFND	1,2,3,4	148,900	0	0

SELECTIVE INS GROUP INC	COM	816300107	67,066	1,302,507	SH	DFND	1,2,3,4	1,112,606	0	189,901
SELECTQUOTE INC	COM	816307300	46,341	2,288,458	SH	DFND	1,2,3,4	2,136,671	0	151,787
SEMTECH CORP	COM	816850101	63,246	1,194,214	SH	DFND	1,2,3,4	1,144,034	0	50,180
SEMPRA ENERGY	COM	816851109	53,406	451,218	SH	DFND	1,2,3,4	412,961	0	38,257
SENECA FOODS CORP NEW	CL A	817070501	391	10,950	SH	DFND	1,2,3,4	9,700	0	1,250
SENSIENT TECHNOLOGIES CORP	COM	81725T100	6,133	106,210	SH	DFND	1,2,3,4	106,210	0	0
SERES THERAPEUTICS INC	COM	81750R102	1,798	63,500	SH	DFND	1,2,3,4	63,500	0	0
SERITAGE GROWTH PPTYS	CL A	81752R100	268	19,906	SH	DFND	1,2,3,4	19,906	0	0
SERVICE CORP INTL	COM	817565104	327,328	7,760,254	SH	DFND	1,2,3,4	5,149,241	0	2,611,013
SERVICE PPTYS TR	COM SH BEN INT	81761L102	6,833	859,467	SH	DFND	1,2,3,4	856,635	0	2,832
SERVICEMASTER GLOBAL HLDGS I	COM	81761R109	2,826	70,869	SH	DFND	1,2,3,4	59,079	0	11,790
SERVICENOW INC	COM	81762P102	193,304	398,565	SH	DFND	1,2,3,4	308,434	0	90,131
SERVISFIRST BANCSHARES INC	COM	81768T108	2,445	71,860	SH	DFND	1,2,3,4	61,700	0	10,160
SHAKE SHACK INC	CL A	819047101	3,689	57,209	SH	DFND	1,2,3,4	49,600	0	7,609
SHAW COMMUNICATIONS INC	CL B CONV	82028K200	1,086	59,502	SH	DFND	1,2,3,4	59,502	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	3,215	72,353	SH	DFND	1,2,3,4	61,734	0	10,619
SHERWIN WILLIAMS CO	COM	824348106	773,824	1,110,635	SH	DFND	1,2,3,4	1,016,064	0	94,571
SHIFT4 PMTS INC	CL A	82452J109	62,301	1,288,272	SH	DFND	1,2,3,4	1,160,387	0	127,885
SHOE CARNIVAL INC	COM	824889109	725	21,604	SH	DFND	1,2,3,4	18,311	0	3,293
SHOCKWAVE MED INC	COM	82489T104	2,849	37,589	SH	DFND	1,2,3,4	37,589	0	0
SHOPIFY INC	CL A	82509L107	36,502	35,682	SH	DFND	1,2,3,4	33,263	0	2,419
SHORE BANCSHARES INC	COM	825107105	978	89,068	SH	DFND	1,2,3,4	89,068	0	0
SHOTSPOTTER INC	COM	82536T107	239	7,700	SH	DFND	1,2,3,4	7,700	0	0
SHUTTERSTOCK INC	COM	825690100	1,504	28,907	SH	DFND	1,2,3,4	24,098	0	4,809
SHYFT GROUP INC	COM	825698103	29,459	1,560,353	SH	DFND	1,2,3,4	1,302,029	0	258,324
SI BONE INC	COM	825704109	740	31,200	SH	DFND	1,2,3,4	31,200	0	0
SIERRA BANCORP	COM	82620P102	290	17,266	SH	DFND	1,2,3,4	17,266	0	0
SIENTRA INC	COM	82621J105	435	127,900	SH	DFND	1,2,3,4	127,900	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	8,202	98,828	SH	DFND	1,2,3,4	94,193	0	4,635
SIGA TECHNOLOGIES INC	COM	826917106	462	67,200	SH	DFND	1,2,3,4	67,200	0	0
SILICON LABORATORIES INC	COM	826919102	99,977	1,021,738	SH	DFND	1,2,3,4	971,360	0	50,378
SILGAN HOLDINGS INC	COM	827048109	4,459	121,269	SH	DFND	1,2,3,4	114,299	0	6,970
SILK RD MED INC	COM	82710M100	154,187	2,294,102	SH	DFND	1,2,3,4	2,111,940	0	182,162
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	2,716	171,294	SH	DFND	1,2,3,4	148,413	0	22,881
SIMON PPTY GROUP INC NEW	COM	828806109	48,174	744,807	SH	DFND	1,2,3,4	644,504	0	100,303
SIMPLY GOOD FOODS CO	COM	82900L102	2,251	102,100	SH	DFND	1,2,3,4	102,100	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	90,020	926,516	SH	DFND	1,2,3,4	871,056	0	55,460
SIMULATIONS PLUS INC	COM	829214105	1,321	17,532	SH	DFND	1,2,3,4	14,700	0	2,832
SINCLAIR BROADCAST GROUP INC	CL A	829226109	1,241	64,522	SH	DFND	1,2,3,4	64,522	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	3,638	678,648	SH	DFND	1,2,3,4	508,930	0	169,718
SITE CTRS CORP	COM	82981J109	25,527	3,545,412	SH	DFND	1,2,3,4	3,304,553	0	240,859
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	175,616	1,440,064	SH	DFND	1,2,3,4	1,327,671	0	112,393
SITIME CORP	COM	82982T106	849	10,100	SH	DFND	1,2,3,4	10,100	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	2,516	123,933	SH	DFND	1,2,3,4	117,144	0	6,789
SKECHERS U S A INC	CL A	830566105	79,394	2,627,188	SH	DFND	1,2,3,4	2,215,491	0	411,697

SKYLINE CHAMPION CORPORATION	COM	830830105	1,630	60,900	SH	DFND	1,2,3,4	60,900	0	0
SKYWEST INC	COM	830879102	88,716	2,971,055	SH	DFND	1,2,3,4	2,500,138	0	470,917
SKYWORKS SOLUTIONS INC	COM	83088M102	40,561	278,773	SH	DFND	1,2,3,4	250,684	0	28,089
SLACK TECHNOLOGIES INC	COM CL A	83088V102	169,979	6,328,331	SH	DFND	1,2,3,4	5,874,811	0	453,520
SLEEP NUMBER CORP	COM	83125X103	74,823	1,529,820	SH	DFND	1,2,3,4	1,443,001	0	86,819
SMITH & WESSON BRANDS INC	COM	831754106	1,082	69,721	SH	DFND	1,2,3,4	69,721	0	0
SMITH A O CORP	COM	831865209	12,581	238,270	SH	DFND	1,2,3,4	174,989	0	63,281
SMARTSHEET INC	COM CL A	83200N103	102,525	2,074,566	SH	DFND	1,2,3,4	1,876,328	0	198,238
SMUCKER J M CO	COM NEW	832696405	20,101	174,004	SH	DFND	1,2,3,4	155,744	0	18,260
SNAP ON INC	COM	833034101	15,966	108,518	SH	DFND	1,2,3,4	84,275	0	24,243
SNAP INC	CL A	83304A106	20,032	767,209	SH	DFND	1,2,3,4	572,791	0	194,418
SNOWFLAKE INC	CL A	833445109	2,927	11,661	SH	DFND	1,2,3,4	11,661	0	0
SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	833635105	3,923	120,995	SH	DFND	1,2,3,4	120,995	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	29,864	125,295	SH	DFND	1,2,3,4	116,565	0	8,730
SOLARWINDS CORP	COM	83417Q105	574	28,230	SH	DFND	1,2,3,4	24,159	0	4,071
SOLARIS OILFIELD INFRSTR INC	COM CL A	83418M103	269	42,400	SH	DFND	1,2,3,4	42,400	0	0
SOLENO THERAPEUTICS INC	COM NEW	834203200	57	22,800	SH	DFND	1,2,3,4	22,800	0	0
SOLID BIOSCIENCES INC	COM	83422E105	113	55,900	SH	DFND	1,2,3,4	55,900	0	0
SOLITON INC	COM	834251100	227	29,700	SH	DFND	1,2,3,4	29,700	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	1,483	36,937	SH	DFND	1,2,3,4	31,425	0	5,512
SONOCO PRODS CO	COM	835495102	8,767	171,665	SH	DFND	1,2,3,4	162,719	0	8,946
SONY CORP	SPONSORED ADR	835699307	16,573	215,935	SH	DFND	1,2,3,4	82,426	0	133,509
SONOS INC	COM	83570H108	1,290	85,000	SH	DFND	1,2,3,4	85,000	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	3,506	314,400	SH	DFND	1,2,3,4	314,400	0	0
SOUND FINL BANCORP INC	COM	83607A100	2,758	93,085	SH	DFND	1,2,3,4	93,085	0	0
SOUTH JERSEY INDS INC	COM	838518108	2,725	141,418	SH	DFND	1,2,3,4	120,208	0	21,210
SOUTH ST CORP	COM	840441109	5,261	109,260	SH	DFND	1,2,3,4	109,114	0	146
SOUTHERN CO	COM	842587107	79,729	1,470,479	SH	DFND	1,2,3,4	1,330,215	0	140,264
SOUTHERN COPPER CORP	COM	84265V105	3,701	81,760	SH	DFND	1,2,3,4	63,506	0	18,254
SOUTHERN FIRST BANCSHARES IN	COM	842873101	3,781	156,562	SH	DFND	1,2,3,4	156,562	0	0
SOUTHERN MO BANCORP INC	COM	843380106	245	10,400	SH	DFND	1,2,3,4	10,400	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	214	24,700	SH	DFND	1,2,3,4	24,700	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	1,060	43,408	SH	DFND	1,2,3,4	36,458	0	6,950
SOUTHWEST AIRLS CO	COM	844741108	48,130	1,283,475	SH	DFND	1,2,3,4	1,191,675	0	91,800
SOUTHWEST GAS HOLDINGS INC	COM	844895102	97,221	1,540,743	SH	DFND	1,2,3,4	1,314,288	0	226,455
SOUTHWESTERN ENERGY CO	COM	845467109	2,173	924,529	SH	DFND	1,2,3,4	811,679	0	112,850
SPARK ENERGY INC	CL A COM	846511103	106	12,700	SH	DFND	1,2,3,4	12,700	0	0
SPARTANNASH CO	COM	847215100	2,661	162,747	SH	DFND	1,2,3,4	156,097	0	6,650
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	1,018	249,535	SH	DFND	1,2,3,4	222,375	0	27,160
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	14,857	259,911	SH	DFND	1,2,3,4	192,566	0	67,345
SPERO THERAPEUTICS INC	COM	84833T103	142	12,734	SH	DFND	1,2,3,4	12,734	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	7,460	394,503	SH	DFND	1,2,3,4	150,168	0	244,335
SPIRIT AIRLS INC	COM	848577102	1,973	122,575	SH	DFND	1,2,3,4	122,575	0	0

SPIRE INC	COM	84857L101	7,285	136,937	SH	DFND	1,2,3,4	136,937	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	7,436	220,314	SH	DFND	1,2,3,4	211,215	0	9,099
SPIRIT OF TEX BANCSHARES INC	COM	84861D103	795	71,257	SH	DFND	1,2,3,4	71,257	0	0
SPLUNK INC	COM	848637104	151,915	807,502	SH	DFND	1,2,3,4	732,518	0	74,984
SPOK HLDGS INC	COM	84863T106	296	31,103	SH	DFND	1,2,3,4	27,843	0	3,260
SPORTSMANS WHSE HLDGS INC	COM	84920Y106	522	36,500	SH	DFND	1,2,3,4	36,500	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,411	29,600	SH	DFND	1,2,3,4	29,600	0	0
SPROUTS FMRS MKT INC	COM	85208M102	3,990	190,618	SH	DFND	1,2,3,4	171,212	0	19,406
SPROUT SOCIAL INC	COM CL A	85209W109	1,240	32,200	SH	DFND	1,2,3,4	32,200	0	0
SQUARE INC	CL A	852234103	164,570	1,012,426	SH	DFND	1,2,3,4	560,613	0	451,813
STAAR SURGICAL CO	COM PAR \$0.01	852312305	3,841	67,917	SH	DFND	1,2,3,4	67,917	0	0
STAG INDL INC	COM	85254J102	146,900	4,817,964	SH	DFND	1,2,3,4	4,221,793	0	596,171
STAMPS COM INC	COM NEW	852857200	6,868	28,502	SH	DFND	1,2,3,4	23,960	0	4,542
STANDARD MTR PRODS INC	COM	853666105	1,470	32,924	SH	DFND	1,2,3,4	28,074	0	4,850
STANDEX INTL CORP	COM	854231107	1,157	19,552	SH	DFND	1,2,3,4	16,562	0	2,990
STANLEY BLACK & DECKER INC	COM	854502101	74,293	458,036	SH	DFND	1,2,3,4	268,101	0	189,935
STARBUCKS CORP	COM	855244109	296,175	3,447,098	SH	DFND	1,2,3,4	2,276,247	0	1,170,851
STARTEK INC	COM	85569C107	55	10,400	SH	DFND	1,2,3,4	10,400	0	0
STATE AUTO FINL CORP	COM	855707105	6,599	479,598	SH	DFND	1,2,3,4	397,373	0	82,225
STARWOOD PPTY TR INC	COM	85571B105	2,267	150,212	SH	DFND	1,2,3,4	126,182	0	24,030
STATE STR CORP	COM	857477103	35,634	600,610	SH	DFND	1,2,3,4	534,181	0	66,429
STEEL DYNAMICS INC	COM	858119100	11,864	414,387	SH	DFND	1,2,3,4	391,974	0	22,413
STEELCASE INC	CL A	858155203	3,303	326,741	SH	DFND	1,2,3,4	326,741	0	0
STEPAN CO	COM	858586100	6,236	57,209	SH	DFND	1,2,3,4	52,689	0	4,520
STERICYCLE INC	COM	858912108	526,697	8,352,310	SH	DFND	1,2,3,4	6,168,841	0	2,183,469
STERICYCLE INC	COM	858912108	34,836	552,424	SH	DFND	1,2,3,4,6	467,220	0	85,204
STEREOTAXIS INC	COM NEW	85916J409	48	13,300	SH	DFND	1,2,3,4	13,300	0	0
STERLING BANCORP DEL	COM	85917A100	76,620	7,283,294	SH	DFND	1,2,3,4	6,218,833	0	1,064,461
STERLING BANCORP INC	COM	85917W102	255	84,844	SH	DFND	1,2,3,4	84,844	0	0
STERLING CONSTRUCTION CO INC	COM	859241101	419	29,600	SH	DFND	1,2,3,4	29,600	0	0
STEWART INFORMATION SVCS COR	COM	860372101	1,514	34,612	SH	DFND	1,2,3,4	29,526	0	5,086
STIFEL FINL CORP	COM	860630102	151,422	2,994,903	SH	DFND	1,2,3,4	2,658,478	0	336,425
STITCH FIX INC	COM CL A	860897107	2,295	84,600	SH	DFND	1,2,3,4	84,600	0	0
STOCK YDS BANCORP INC	COM	861025104	937	27,514	SH	DFND	1,2,3,4	27,514	0	0
STOKE THERAPEUTICS INC	COM	86150R107	693	20,700	SH	DFND	1,2,3,4	20,700	0	0
STONERIDGE INC	COM	86183P102	535	29,100	SH	DFND	1,2,3,4	29,100	0	0
STONEX GROUP INC	COM	861896108	1,316	25,719	SH	DFND	1,2,3,4	22,100	0	3,619
STORE CAP CORP	COM	862121100	12,972	472,908	SH	DFND	1,2,3,4	451,558	0	21,350
STRATEGIC ED INC	COM	86272C103	96,330	1,053,133	SH	DFND	1,2,3,4	973,863	0	79,270
STRYKER CORPORATION	COM	863667101	118,752	569,910	SH	DFND	1,2,3,4	516,535	0	53,375
STURM RUGER & CO INC	COM	864159108	1,612	26,359	SH	DFND	1,2,3,4	23,089	0	3,270
SUMMIT FINL GROUP INC	COM	86606G101	185	12,500	SH	DFND	1,2,3,4	12,500	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	1,110	214,315	SH	DFND	1,2,3,4	191,465	0	22,850
SUMMIT MATLS INC	CL A	86614U100	5,208	314,880	SH	DFND	1,2,3,4	314,880	0	0
SUN CMNTYS INC	COM	866674104	88,010	625,913	SH	DFND	1,2,3,4	558,522	0	67,391
SUN LIFE FINANCIAL INC.	COM	866796105	3,940	96,729	SH	DFND	1,2,3,4	83,914	0	12,815
SUNCOR ENERGY INC	COM	867224107	4,975	406,756	SH	DFND	1,2,3,4	370,857	0	35,899

NEW										
SUNCOKE ENERGY INC	COM	86722A103	425	124,223	SH	DFND	1,2,3,4	107,140	0	17,083
SUNNOVA ENERGY INTL INC.	COM	86745K104	26,587	874,300	SH	DFND	1,2,3,4	615,844	0	258,456
SUNPOWER CORP	COM	867652406	3,506	280,290	SH	DFND	1,2,3,4	280,290	0	0
SUNRUN INC	COM	86771W105	42,415	550,347	SH	DFND	1,2,3,4	550,347	0	0
SUNRUN INC	COM	86771W105	56,662	735,200	SH	Put	DFND	1,2,3,4	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	3,169	399,174	SH	DFND	1,2,3,4	399,174	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	1,548	58,631	SH	DFND	1,2,3,4	58,631	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,520	72,940	SH	DFND	1,2,3,4	63,140	0	9,800
SURGERY PARTNERS INC	COM	86881A100	848	38,700	SH	DFND	1,2,3,4	38,700	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	162	89,349	SH	DFND	1,2,3,4	89,349	0	0
SURMODICS INC	COM	868873100	672	17,271	SH	DFND	1,2,3,4	14,721	0	2,550
SUTRO BIOPHARMA INC	COM	869367102	129	12,800	SH	DFND	1,2,3,4	12,800	0	0
SWITCH INC	CL A	87105L104	885	56,718	SH	DFND	1,2,3,4	41,006	0	15,712
SYKES ENTERPRISES INC	COM	871237103	2,373	69,355	SH	DFND	1,2,3,4	60,643	0	8,712
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	106	35,200	SH	DFND	1,2,3,4	35,200	0	0
SYNAPTICS INC	COM	87157D109	10,403	129,363	SH	DFND	1,2,3,4	129,363	0	0
SYNOPSIS INC	COM	871607107	51,349	239,971	SH	DFND	1,2,3,4	202,911	0	37,060
SYNOVUS FINL CORP	COM NEW	87161C501	109,090	5,153,047	SH	DFND	1,2,3,4	4,384,355	0	768,692
SYNNEX CORP	COM	87162W100	12,865	91,856	SH	DFND	1,2,3,4	88,206	0	3,650
SYNDAX PHARMACEUTICALS INC	COM	87164F105	497	33,700	SH	DFND	1,2,3,4	33,700	0	0
SYNCHRONY FINANCIAL	COM	87165B103	88,219	3,370,982	SH	DFND	1,2,3,4	2,742,214	0	628,768
SYNEOS HEALTH INC	CL A	87166B102	6,909	129,965	SH	DFND	1,2,3,4	123,865	0	6,100
SYSCO CORP	COM	871829107	56,296	904,797	SH	DFND	1,2,3,4	717,216	0	187,581
SYROS PHARMACEUTICALS INC	COM	87184Q107	435	49,200	SH	DFND	1,2,3,4	49,200	0	0
SYSTEMAX INC	COM	871851101	419	17,507	SH	DFND	1,2,3,4	17,507	0	0
TCF FINL CORP	COM	872307103	6,117	261,857	SH	DFND	1,2,3,4	248,463	0	13,394
TD AMERITRADE HLDG CORP	COM	87236Y108	18,914	483,128	SH	DFND	1,2,3,4	453,959	0	29,169
TFS FINL CORP	COM	87240R107	431	29,329	SH	DFND	1,2,3,4	24,999	0	4,330
TFI INTL INC	COM	87241L109	322	7,700	SH	DFND	1,2,3,4	7,700	0	0
TJX COS INC NEW	COM	872540109	1,160,825	20,859,396	SH	DFND	1,2,3,4	17,524,515	0	3,334,881
TJX COS INC NEW	COM	872540109	33,342	599,132	SH	DFND	1,2,3,4,6	520,529	0	78,603
T-MOBILE US INC	COM	872590104	264,681	2,314,452	SH	DFND	1,2,3,4	2,034,161	0	280,291
TRI POINTE GROUP INC	COM	87265H109	6,280	346,197	SH	DFND	1,2,3,4	346,197	0	0
TPI COMPOSITES INC	COM	87266J104	976	33,707	SH	DFND	1,2,3,4	33,707	0	0
TPG RE FIN TR INC	COM	87266M107	580	68,600	SH	DFND	1,2,3,4	68,600	0	0
TTM TECHNOLOGIES INC	COM	87305R109	12,765	1,118,719	SH	DFND	1,2,3,4	941,755	0	176,964
TABULA RASA HEALTHCARE INC	COM	873379101	1,211	29,700	SH	DFND	1,2,3,4	25,800	0	3,900
TACTILE SYS TECHNOLOGY INC	COM	87357P100	897	24,520	SH	DFND	1,2,3,4	20,900	0	3,620
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	66,359	818,545	SH	DFND	1,2,3,4	777,469	0	41,076
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	447,419	2,708,021	SH	DFND	1,2,3,4	2,492,333	0	215,688
TAL EDUCATION GROUP	SPONSORED ADS	874080104	32,076	421,835	SH	DFND	1,2,3,4	421,835	0	0
TALOS ENERGY INC	COM	87484T108	348	53,943	SH	DFND	1,2,3,4	49,600	0	4,343
TANDEM DIABETES CARE INC	COM NEW	875372203	3,616	31,857	SH	DFND	1,2,3,4	21,857	0	10,000
TANGER FACTORY	COM	875465106	1,049	173,944	SH	DFND	1,2,3,4	153,600	0	20,344

OUTLET CTRS I

TAPESTRY INC	COM	876030107	10,870	695,453	SH	DFND	1,2,3,4	497,593	0	197,860
TARGET CORP	COM	87612E106	266,444	1,692,569	SH	DFND	1,2,3,4	1,559,811	0	132,758
TARGA RES CORP	COM	87612G101	6,970	496,764	SH	DFND	1,2,3,4	410,263	0	86,501
TARGET HOSPITALITY CORP	COM	87615L107	15	12,200	SH	DFND	1,2,3,4	12,200	0	0
TATA MTRS LTD	SPONSORED ADR	876568502	614	67,593	SH	DFND	1,2,3,4	67,593	0	0
TAUBMAN CTRS INC	COM	876664103	7,726	232,069	SH	DFND	1,2,3,4	226,754	0	5,315
TAYLOR MORRISON HOME CORP	COM	87724P106	90,490	3,679,931	SH	DFND	1,2,3,4	3,157,095	0	522,836
TC ENERGY CORP	COM	87807B107	11,051	262,995	SH	DFND	1,2,3,4	262,995	0	0
TCR2 THERAPEUTICS INC	COM	87808K106	224	11,000	SH	DFND	1,2,3,4	11,000	0	0
TEAM INC	COM	878155100	165	30,000	SH	DFND	1,2,3,4	24,300	0	5,700
TECK RESOURCES LTD	CL B	878742204	1,040	74,723	SH	DFND	1,2,3,4	64,445	0	10,278
TECHTARGET INC	COM	87874R100	1,681	38,231	SH	DFND	1,2,3,4	32,900	0	5,331
TEGNA INC	COM	87901J105	6,292	535,501	SH	DFND	1,2,3,4	534,647	0	854
TEJON RANCH CO	COM	879080109	323	22,802	SH	DFND	1,2,3,4	22,802	0	0
TELADOC HEALTH INC	COM	87918A105	36,045	164,408	SH	DFND	1,2,3,4	137,398	0	27,010
TELEDYNE TECHNOLOGIES INC	COM	879360105	16,790	54,126	SH	DFND	1,2,3,4	47,308	0	6,818
TELEFLEX INCORPORATED	COM	879369106	24,246	71,225	SH	DFND	1,2,3,4	60,884	0	10,341
TELEPHONE & DATA SYS INC	COM NEW	879433829	2,625	142,331	SH	DFND	1,2,3,4	133,344	0	8,987
TELENAV INC	COM	879455103	178	49,400	SH	DFND	1,2,3,4	49,400	0	0
TELLURIAN INC NEW	COM	87968A104	838	1,052,312	SH	DFND	1,2,3,4	900,525	0	151,787
TELUS CORPORATION	COM	87971M103	13,528	768,187	SH	DFND	1,2,3,4	706,759	0	61,428
TEMPUR SEALY INTL INC	COM	88023U101	71,115	797,348	SH	DFND	1,2,3,4	711,182	0	86,166
TENABLE HLDGS INC	COM	88025T102	3,668	97,160	SH	DFND	1,2,3,4	97,160	0	0
10X GENOMICS INC	CL A COM	88025U109	153,413	1,230,456	SH	DFND	1,2,3,4	1,112,994	0	117,462
TENET HEALTHCARE CORP	COM NEW	88033G407	8,189	334,119	SH	DFND	1,2,3,4	334,119	0	0
TENNANT CO	COM	880345103	1,668	27,640	SH	DFND	1,2,3,4	23,678	0	3,962
TENNECO INC	CL A VTG COM STK	880349105	502	72,367	SH	DFND	1,2,3,4	72,367	0	0
TERADATA CORP DEL	COM	88076W103	3,842	169,266	SH	DFND	1,2,3,4	151,960	0	17,306
TERADYNE INC	COM	880770102	29,223	367,768	SH	DFND	1,2,3,4	325,933	0	41,835
TEREX CORP NEW	COM	880779103	24,578	1,269,520	SH	DFND	1,2,3,4	1,078,688	0	190,832
TERRITORIAL BANCORP INC	COM	88145X108	4,728	233,733	SH	DFND	1,2,3,4	233,733	0	0
TERRENO RLTY CORP	COM	88146M101	8,823	161,130	SH	DFND	1,2,3,4	161,130	0	0
TESLA INC	COM	88160R101	208,913	486,966	SH	DFND	1,2,3,4	337,366	0	149,600
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	2,969	329,511	SH	DFND	1,2,3,4	327,254	0	2,257
TETRA TECH INC NEW	COM	88162G103	118,142	1,237,084	SH	DFND	1,2,3,4	1,178,996	0	58,088
TEXAS CAP BANCSHARES INC	COM	88224Q107	71,705	2,303,395	SH	DFND	1,2,3,4	1,949,585	0	353,810
TEXAS INSTRS INC	COM	882508104	956,953	6,701,820	SH	DFND	1,2,3,4	6,175,585	0	526,235
TEXAS ROADHOUSE INC	COM	882681109	84,985	1,398,003	SH	DFND	1,2,3,4	1,328,633	0	69,370
TEXTRON INC	COM	883203101	14,461	400,706	SH	DFND	1,2,3,4	305,131	0	95,575
TG THERAPEUTICS INC	COM	88322Q108	5,786	216,200	SH	DFND	1,2,3,4	216,200	0	0
THE ODP CORP	COM	88337F105	1,571	80,784	SH	DFND	1,2,3,4	69,264	0	11,520
THERAPEUTICSMD INC	COM	88338N107	574	363,540	SH	DFND	1,2,3,4	363,540	0	0
THE TRADE DESK INC	COM CL A	88339J105	97,452	187,848	SH	DFND	1,2,3,4	165,015	0	22,833
THE REALREAL INC	COM	88339P101	48,393	3,344,398	SH	DFND	1,2,3,4	3,158,333	0	186,065
THERMO FISHER SCIENTIFIC INC	COM	883556102	262,747	595,096	SH	DFND	1,2,3,4	517,337	0	77,759
THERMON GROUP HLDGS INC	COM	88362T103	336	29,920	SH	DFND	1,2,3,4	29,920	0	0
THOMSON REUTERS CORP.	COM NEW	884903709	1,732	21,707	SH	DFND	1,2,3,4	21,707	0	0
THOR INDS INC	COM	885160101	11,047	115,971	SH	DFND	1,2,3,4	111,051	0	4,920

3-D SYS CORP DEL	COM NEW	88554D205	805	163,885	SH	DFND	1,2,3,4	136,600	0	27,285
360 DIGITECH INC	AMERICAN DEP	88557W101	2,907	243,481	SH	DFND	1,2,3,4	243,481	0	0
3M CO	COM	88579Y101	429,539	2,681,600	SH	DFND	1,2,3,4	1,909,978	0	771,622
TIDEWATER INC NEW	COM	88642R109	349	52,000	SH	DFND	1,2,3,4	52,000	0	0
TIFFANY & CO NEW	COM	886547108	31,983	276,074	SH	DFND	1,2,3,4	254,905	0	21,169
TIMBERLAND BANCORP INC	COM	887098101	1,781	98,953	SH	DFND	1,2,3,4	98,953	0	0
TIMKEN CO	COM	887389104	6,184	114,055	SH	DFND	1,2,3,4	108,459	0	5,596
TIMKENSTEEL CORP	COM	887399103	209	58,955	SH	DFND	1,2,3,4	51,900	0	7,055
TIPTREE INC	COM	88822Q103	112	22,700	SH	DFND	1,2,3,4	22,700	0	0
TITAN MACHY INC	COM	88830R101	339	25,609	SH	DFND	1,2,3,4	23,400	0	2,209
TIVITY HEALTH INC	COM	88870R102	1,037	73,995	SH	DFND	1,2,3,4	67,045	0	6,950
TOLL BROTHERS INC	COM	889478103	10,034	206,211	SH	DFND	1,2,3,4	195,881	0	10,330
TOMPKINS FINANCIAL CORPORATI	COM	890110109	1,390	24,464	SH	DFND	1,2,3,4	21,624	0	2,840
TOOTSIE ROLL INDS INC	COM	890516107	1,202	38,907	SH	DFND	1,2,3,4	38,907	0	0
TOPBUILD CORP	COM	89055F103	115,437	676,294	SH	DFND	1,2,3,4	636,136	0	40,158
TORO CO	COM	891092108	15,088	179,725	SH	DFND	1,2,3,4	161,534	0	18,191
TORONTO DOMINION BK ONT	COM NEW	891160509	13,695	296,172	SH	DFND	1,2,3,4	254,964	0	41,208
TOWNEBANK PORTSMOUTH VA	COM	89214P109	2,069	126,173	SH	DFND	1,2,3,4	126,173	0	0
TRACTOR SUPPLY CO	COM	892356106	28,031	195,558	SH	DFND	1,2,3,4	163,503	0	32,055
TRADEWEB MKTS INC	CL A	892672106	2,578	44,450	SH	DFND	1,2,3,4	30,650	0	13,800
TRANSALTA CORP	COM	89346D107	101	16,500	SH	DFND	1,2,3,4	16,500	0	0
TRANSDIGM GROUP INC	COM	893641100	36,401	76,615	SH	DFND	1,2,3,4	67,131	0	9,484
TRANSLATE BIO INC	COM	89374L104	964	70,800	SH	DFND	1,2,3,4	70,800	0	0
TRANSMEDICS GROUP INC	COM	89377M109	339	24,600	SH	DFND	1,2,3,4	24,600	0	0
TRANSUNION	COM	89400J107	24,635	292,817	SH	DFND	1,2,3,4	160,276	0	132,541
TRAVELERS COMPANIES INC	COM	89417E109	43,528	402,327	SH	DFND	1,2,3,4	340,301	0	62,026
TREAN INS GROUP INC	COM	89457R101	26,971	1,768,576	SH	DFND	1,2,3,4	1,666,260	0	102,316
TRECORA RES	COM	894648104	113	18,400	SH	DFND	1,2,3,4	18,400	0	0
TREDEGAR CORP	COM	894650100	538	36,160	SH	DFND	1,2,3,4	29,327	0	6,833
TREEHOUSE FOODS INC	COM	89469A104	3,450	85,113	SH	DFND	1,2,3,4	80,113	0	5,000
TREX CO INC	COM	89531P105	271,591	3,793,167	SH	DFND	1,2,3,4	2,808,026	0	985,141
TRICO BANCSHARES	COM	896095106	20,188	824,338	SH	DFND	1,2,3,4	684,781	0	139,557
TRIBUNE PUBG CO NEW	COM	89609W107	399	34,200	SH	DFND	1,2,3,4	34,200	0	0
TRICIDA INC	COM	89610F101	363	40,100	SH	DFND	1,2,3,4	40,100	0	0
TRIMAS CORP	COM NEW	896215209	1,362	59,719	SH	DFND	1,2,3,4	59,719	0	0
TRIMBLE INC	COM	896239100	20,809	427,283	SH	DFND	1,2,3,4	399,496	0	27,787
TRINET GROUP INC	COM	896288107	6,506	109,680	SH	DFND	1,2,3,4	109,680	0	0
TRINITY INDS INC	COM	896522109	2,699	138,410	SH	DFND	1,2,3,4	130,355	0	8,055
TRIPLE-S MGMT CORP	CL B	896749108	693	38,807	SH	DFND	1,2,3,4	38,807	0	0
TRIP COM GROUP LTD	ADS	89677Q107	624	20,027	SH	DFND	1,2,3,4	20,027	0	0
TRIPLEPOINT VENTURE GROWTH B	COM	89677Y100	3,466	313,975	SH	DFND	1,2,3,4	313,975	0	0
TRISTATE CAP HLDGS INC	COM	89678F100	365	27,551	SH	DFND	1,2,3,4	27,551	0	0
TRIUMPH BANCORP INC	COM	89679E300	1,290	41,432	SH	DFND	1,2,3,4	35,532	0	5,900
TRIUMPH GROUP INC NEW	COM	896818101	225	34,630	SH	DFND	1,2,3,4	24,950	0	9,680
TRIPADVISOR INC	COM	896945201	2,802	143,020	SH	DFND	1,2,3,4	134,087	0	8,933
TRUECAR INC	COM	89785L107	684	136,800	SH	DFND	1,2,3,4	136,800	0	0
TRUEBLUE INC	COM	89785X101	996	64,269	SH	DFND	1,2,3,4	56,173	0	8,096
TRUPANION INC	COM	898202106	107,532	1,362,894	SH	DFND	1,2,3,4	1,281,486	0	81,408
TRUIST FINL CORP	COM	89832Q109	75,098	1,973,665	SH	DFND	1,2,3,4	1,791,476	0	182,189
TRUSTCO BK CORP N Y	COM	898349105	665	127,320	SH	DFND	1,2,3,4	109,370	0	17,950
TRUSTMARK CORP	COM	898402102	3,478	162,446	SH	DFND	1,2,3,4	162,446	0	0
TTEC HLDGS INC	COM	89854H102	4,944	90,625	SH	DFND	1,2,3,4	86,695	0	3,930
TUCOWS INC	COM NEW	898697206	586	8,500	SH	DFND	1,2,3,4	8,500	0	0
TUPPERWARE BRANDS	COM	899896104	1,410	69,923	SH	DFND	1,2,3,4	59,400	0	10,523

CORP										
TURNING PT BRANDS INC	COM	90041L105	441	15,800	SH	DFND	1,2,3,4	15,800	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	94,270	1,079,096	SH	DFND	1,2,3,4	996,835	0	82,261
TURQUOISE HILL RES LTD	COM	900435108	232	275,482	SH	DFND	1,2,3,4	275,482	0	0
TURTLE BEACH CORP	COM NEW	900450206	248	13,600	SH	DFND	1,2,3,4	13,600	0	0
TUTOR PERINI CORP	COM	901109108	2,358	211,833	SH	DFND	1,2,3,4	211,833	0	0
21VIANET GROUP INC	SPONSORED ADS A	90138A103	4,223	182,350	SH	DFND	1,2,3,4	182,350	0	0
TWILIO INC	CL A	90138F102	28,960	117,203	SH	DFND	1,2,3,4	94,503	0	22,700
TWIN RIV WORLDWIDE HLDGS INC	COM	90171V204	770	29,300	SH	DFND	1,2,3,4	29,300	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	89,028	1,171,887	SH	DFND	1,2,3,4	1,109,429	0	62,458
TWITTER INC	COM	90184L102	56,485	1,269,335	SH	DFND	1,2,3,4	1,142,897	0	126,438
TWO HBRS INVT CORP	COM NEW	90187B408	1,744	342,560	SH	DFND	1,2,3,4	342,560	0	0
II-VI INC	COM	902104108	98,124	2,419,241	SH	DFND	1,2,3,4	2,304,127	0	115,114
2U INC	COM	90214J101	1,114	32,894	SH	DFND	1,2,3,4	25,244	0	7,650
TYLER TECHNOLOGIES INC	COM	902252105	263,631	756,343	SH	DFND	1,2,3,4	699,523	0	56,820
TYME TECHNOLOGIES INC	COM	90238J103	56	56,800	SH	DFND	1,2,3,4	56,800	0	0
TYSON FOODS INC	CL A	902494103	35,078	589,743	SH	DFND	1,2,3,4	481,220	0	108,523
UDR INC	COM	902653104	18,385	563,770	SH	DFND	1,2,3,4	509,674	0	54,096
UFP TECHNOLOGIES INC	COM	902673102	261	6,300	SH	DFND	1,2,3,4	6,300	0	0
UGI CORP NEW	COM	902681105	14,058	426,268	SH	DFND	1,2,3,4	407,090	0	19,178
UMB FINL CORP	COM	902788108	5,412	110,421	SH	DFND	1,2,3,4	110,338	0	83
UFP INDUSTRIES INC	COM	90278Q108	8,326	147,330	SH	DFND	1,2,3,4	134,229	0	13,101
US BANCORP DEL	COM NEW	902973304	72,339	2,017,816	SH	DFND	1,2,3,4	1,831,667	0	186,149
UMH PPTYS INC	COM	903002103	427	31,500	SH	DFND	1,2,3,4	31,500	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	2,784	37,798	SH	DFND	1,2,3,4	35,270	0	2,528
U S CONCRETE INC	COM	90333L201	619	21,300	SH	DFND	1,2,3,4	17,400	0	3,900
U S PHYSICAL THERAPY INC	COM	90337L108	1,538	17,707	SH	DFND	1,2,3,4	15,307	0	2,400
U S SILICA HLDGS INC	COM	90346E103	351	116,850	SH	DFND	1,2,3,4	103,100	0	13,750
UBER TECHNOLOGIES INC	COM	90353T100	38,413	1,053,000	SH	DFND	1,2,3,4	828,019	0	224,981
UBIQUITI INC	COM	90353W103	1,099	6,593	SH	DFND	1,2,3,4	5,193	0	1,400
ULTA BEAUTY INC	COM	90384S303	217,929	972,984	SH	DFND	1,2,3,4	812,500	0	160,484
ULTA BEAUTY INC	COM	90384S303	16,695	74,540	SH	DFND	1,2,3,4,6	65,589	0	8,951
ULTRA CLEAN HLDGS INC	COM	90385V107	1,199	55,854	SH	DFND	1,2,3,4	47,300	0	8,554
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	113,550	1,381,552	SH	DFND	1,2,3,4	1,279,692	0	101,860
UMPQUA HLDGS CORP	COM	904214103	72,584	6,834,635	SH	DFND	1,2,3,4	5,770,054	0	1,064,581
UNDER ARMOUR INC	CL A	904311107	3,058	272,310	SH	DFND	1,2,3,4	241,699	0	30,611
UNDER ARMOUR INC	CL C	904311206	2,750	279,435	SH	DFND	1,2,3,4	248,021	0	31,414
UNIFI INC	COM NEW	904677200	235	18,280	SH	DFND	1,2,3,4	15,500	0	2,780
UNIFIRST CORP MASS	COM	904708104	4,921	25,987	SH	DFND	1,2,3,4	22,679	0	3,308
UNION PAC CORP	COM	907818108	469,655	2,385,612	SH	DFND	1,2,3,4	2,209,065	0	176,547
UNISYS CORP	COM NEW	909214306	14,033	1,315,139	SH	DFND	1,2,3,4	1,082,087	0	233,052
UNITED BANCSHARES INC OHIO	COM	909458101	1,131	52,622	SH	DFND	1,2,3,4	52,622	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	2,655	156,844	SH	DFND	1,2,3,4	140,244	0	16,600
UNITED BANKSHARES INC WEST V	COM	909907107	9,378	436,781	SH	DFND	1,2,3,4	436,407	0	374
UNITED AIRLS HLDGS INC	COM	910047109	15,187	437,047	SH	DFND	1,2,3,4	343,115	0	93,932
UNITED FIRE GROUP INC	COM	910340108	548	26,988	SH	DFND	1,2,3,4	22,018	0	4,970
UNITED INS HLDGS CORP	COM	910710102	286	47,130	SH	DFND	1,2,3,4	40,000	0	7,130

UNITED NAT FOODS INC	COM	911163103	1,151	77,423	SH	DFND	1,2,3,4	65,606	0	11,817
UNITED PARCEL SERVICE INC	CL B	911312106	189,243	1,135,705	SH	DFND	1,2,3,4	974,454	0	161,251
UNITED RENTALS INC	COM	911363109	352,080	2,017,653	SH	DFND	1,2,3,4	1,801,975	0	215,678
UNITED SEC BANCSHARES CALIF	COM	911460103	2,278	372,860	SH	DFND	1,2,3,4	372,860	0	0
UNITED STS LIME & MINERALS I	COM	911922102	216	2,400	SH	DFND	1,2,3,4	2,400	0	0
US FOODS HLDG CORP	COM	912008109	53,211	2,394,719	SH	DFND	1,2,3,4	2,029,758	0	364,961
UNITED STATES STL CORP NEW	COM	912909108	3,894	530,515	SH	DFND	1,2,3,4	530,515	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	8,928	88,400	SH	DFND	1,2,3,4	84,545	0	3,855
UNITEDHEALTH GROUP INC	COM	91324P102	3,403,307	10,916,083	SH	DFND	1,2,3,4	9,998,551	0	917,532
UNITIL CORP	COM	913259107	714	18,487	SH	DFND	1,2,3,4	18,388	0	99
UNITI GROUP INC	COM	91325V108	3,312	314,342	SH	DFND	1,2,3,4	272,702	0	41,640
UNITY BANCORP INC	COM	913290102	2,845	245,688	SH	DFND	1,2,3,4	245,688	0	0
UNIVAR SOLUTIONS USA INC	COM	91336L107	4,407	261,070	SH	DFND	1,2,3,4	246,220	0	14,850
UNIVERSAL CORP VA	COM	913456109	1,805	43,099	SH	DFND	1,2,3,4	38,519	0	4,580
UNIVERSAL DISPLAY CORP	COM	91347P105	100,025	553,421	SH	DFND	1,2,3,4	493,290	0	60,131
UNIVERSAL ELECTRS INC	COM	913483103	683	18,106	SH	DFND	1,2,3,4	14,986	0	3,120
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	1,460	25,620	SH	DFND	1,2,3,4	22,978	0	2,642
UNIVERSAL INS HLDGS INC	COM	91359V107	561	40,526	SH	DFND	1,2,3,4	33,592	0	6,934
UNITY BIOTECHNOLOGY INC	COM	91381U101	121	35,000	SH	DFND	1,2,3,4	35,000	0	0
UNIVERSAL LOGISTICS HLDGS IN	COM	91388P105	202	9,700	SH	DFND	1,2,3,4	9,700	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	15,381	143,724	SH	DFND	1,2,3,4	100,572	0	43,152
UNIVEST FINANCIAL CORPORATIO	COM	915271100	400	27,814	SH	DFND	1,2,3,4	27,814	0	0
UNUM GROUP	COM	91529Y106	8,729	518,652	SH	DFND	1,2,3,4	289,163	0	229,489
UPLAND SOFTWARE INC	COM	91544A109	988	26,200	SH	DFND	1,2,3,4	26,200	0	0
UPWORK INC	COM	91688F104	2,006	115,000	SH	DFND	1,2,3,4	115,000	0	0
URANIUM ENERGY CORP	COM	916896103	34	34,200	SH	DFND	1,2,3,4	34,200	0	0
URBAN OUTFITTERS INC	COM	917047102	3,855	185,249	SH	DFND	1,2,3,4	185,249	0	0
URBAN EDGE PPTYS	COM	91704F104	3,387	348,431	SH	DFND	1,2,3,4	348,431	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	339	36,813	SH	DFND	1,2,3,4	28,943	0	7,870
US ECOLOGY INC	COM	91734M103	1,439	44,035	SH	DFND	1,2,3,4	37,365	0	6,670
UTAH MED PRODS INC	COM	917488108	359	4,500	SH	DFND	1,2,3,4	4,500	0	0
V F CORP	COM	918204108	35,096	499,584	SH	DFND	1,2,3,4	437,458	0	62,126
VBI VACCINES INC	COM NEW	91822J103	792	276,800	SH	DFND	1,2,3,4	276,800	0	0
VSE CORP	COM	918284100	254	8,300	SH	DFND	1,2,3,4	8,300	0	0
VTV THERAPEUTICS INC	CL A	918385105	19	10,600	SH	DFND	1,2,3,4	10,600	0	0
VAIL RESORTS INC	COM	91879Q109	4,883	22,823	SH	DFND	1,2,3,4	18,051	0	4,772
VALE S A	SPONSORED ADS	91912E105	9,752	921,711	SH	DFND	1,2,3,4	921,711	0	0
VALERO ENERGY CORP	COM	91913Y100	100,141	2,311,649	SH	DFND	1,2,3,4	2,063,188	0	248,461
VALLEY NATL BANCORP	COM	919794107	7,191	1,049,814	SH	DFND	1,2,3,4	1,047,058	0	2,756
VALMONT INDS INC	COM	920253101	30,026	241,798	SH	DFND	1,2,3,4	239,973	0	1,825
VALVOLINE INC	COM	92047W101	6,176	324,375	SH	DFND	1,2,3,4	307,843	0	16,532
VANDA PHARMACEUTICALS INC	COM	921659108	711	73,583	SH	DFND	1,2,3,4	63,403	0	10,180
VANECK VECTORS ETF TR	GOLD MINERS ETF	92189F106	8,637	220,556	SH	DFND	1,2,3,4	220,556	0	0
VANECK VECTORS ETF	AGRIBUSINESS	92189F700	3,788	56,128	SH	DFND	1,2,3,4	56,128	0	0

TR	ETF										
VANECK VECTORS ETF TR	JP MORGAN MKTS	92189H300	3,407	110,460	SH	DFND	1,2,3,4	110,460	0	0	
VANGUARD STAR FDS	VG TL INTL STK F	921909768	984	18,854	SH	DFND	1,2,3,4	2	0	18,852	
VANGUARD BD INDEX FDS	TOTAL BND MRKT	921937835	37,332	423,173	SH	DFND	1,2,3,4	423,173	0	0	
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	11,732	286,854	SH	DFND	1,2,3,4	285,680	0	1,174	
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	58,547	1,006,228	SH	DFND	1,2,3,4	1,004,058	0	2,170	
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	922042676	89,518	1,841,556	SH	DFND	1,2,3,4	1,841,556	0	0	
VANGUARD INTL EQUITY INDEX F	TT WRLD ST ETF	922042742	137,512	1,705,256	SH	DFND	1,2,3,4	1,558,735	0	146,521	
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	62,185	1,438,132	SH	DFND	1,2,3,4	1,424,804	0	13,328	
VANGUARD INTL EQUITY INDEX F	FTSE EUROPE ETF	922042874	71,234	1,358,658	SH	DFND	1,2,3,4	1,358,658	0	0	
VANGUARD SCOTTSDALE FDS	SHORT TERM TREAS	92206C102	3,643	58,677	SH	DFND	1,2,3,4	58,677	0	0	
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	13,937	168,220	SH	DFND	1,2,3,4	168,220	0	0	
VANGUARD SCOTTSDALE FDS	VNG RUS2000IDX	92206C664	237	1,959	SH	DFND	1,2,3,4	1,959	0	0	
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	92206C771	10,218	188,289	SH	DFND	1,2,3,4	1,182	0	187,107	
VANGUARD SCOTTSDALE FDS	INT-TERM CORP	92206C870	23,617	246,519	SH	DFND	1,2,3,4	246,519	0	0	
VAPOTHERM INC	COM	922107107	595	20,500	SH	DFND	1,2,3,4	20,500	0	0	
VAREX IMAGING CORP	COM	92214X106	789	62,013	SH	DFND	1,2,3,4	54,512	0	7,501	
VARIAN MED SYS INC	COM	92220P105	37,542	218,265	SH	DFND	1,2,3,4	200,479	0	17,786	
VARONIS SYS INC	COM	922280102	5,167	44,770	SH	DFND	1,2,3,4	44,770	0	0	
VECTOR GROUP LTD	COM	92240M108	1,800	185,794	SH	DFND	1,2,3,4	162,090	0	23,704	
VEECO INSTRS INC DEL	COM	922417100	688	58,938	SH	DFND	1,2,3,4	49,718	0	9,220	
VECTRUS INC	COM	92242T101	391	10,300	SH	DFND	1,2,3,4	10,300	0	0	
VEDANTA LIMITED	SPONSORED ADR	92242Y100	921	124,657	SH	DFND	1,2,3,4	124,657	0	0	
VAXART INC	COM NEW	92243A200	289	43,500	SH	DFND	1,2,3,4	43,500	0	0	
VAXCYTE INC	COM	92243G108	1,304	26,400	SH	DFND	1,2,3,4	26,400	0	0	
VEEVA SYS INC	CL A COM	922475108	489,449	1,740,633	SH	DFND	1,2,3,4	1,614,535	0	126,098	
VENTAS INC	COM	92276F100	30,059	716,383	SH	DFND	1,2,3,4	655,593	0	60,790	
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	95,172	309,353	SH	DFND	1,2,3,4	250,898	0	58,455	
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	85,067	1,077,349	SH	DFND	1,2,3,4	1,077,349	0	0	
VANGUARD INDEX FDS	SML CP GRW ETF	922908595	468	2,176	SH	DFND	1,2,3,4	2,176	0	0	
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	357	3,231	SH	DFND	1,2,3,4	3,231	0	0	
VANGUARD INDEX FDS	MID CAP ETF	922908629	16,995	96,419	SH	DFND	1,2,3,4	96,279	0	140	
VANGUARD INDEX FDS	EXTEND MKT ETF	922908652	4,900	37,776	SH	DFND	1,2,3,4	0	0	37,776	
VANGUARD INDEX FDS	GROWTH ETF	922908736	12,160	53,423	SH	DFND	1,2,3,4	52,898	0	525	
VANGUARD INDEX FDS	VALUE ETF	922908744	5,988	57,297	SH	DFND	1,2,3,4	56,326	0	971	
VANGUARD INDEX FDS	SMALL CP ETF	922908751	5,146	33,462	SH	DFND	1,2,3,4	33,192	0	270	
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	14,819	87,010	SH	DFND	1,2,3,4	68,723	0	18,287	
VERA BRADLEY INC	COM	92335C106	144	23,500	SH	DFND	1,2,3,4	19,400	0	4,100	
VERASTEM INC	COM	92337C104	78	64,200	SH	DFND	1,2,3,4	64,200	0	0	
VERACYTE INC	COM	92337F107	2,502	77,000	SH	DFND	1,2,3,4	77,000	0	0	
VEREIT INC	COM	92339V100	6,606	1,016,317	SH	DFND	1,2,3,4	920,157	0	96,160	
VERISIGN INC	COM	92343E102	33,223	162,182	SH	DFND	1,2,3,4	139,800	0	22,382	
VERIZON COMMUNICATIONS INC	COM	92343V104	866,662	14,568,192	SH	DFND	1,2,3,4	13,408,836	0	1,159,356	
VERINT SYS INC	COM	92343X100	4,827	100,181	SH	DFND	1,2,3,4	100,181	0	0	
VERITEX HLDGS INC	COM	923451108	1,284	75,418	SH	DFND	1,2,3,4	64,338	0	11,080	
VERITIV CORP	COM	923454102	174	13,711	SH	DFND	1,2,3,4	11,400	0	2,311	

VERISK ANALYTICS INC	COM	92345Y106	735,586	3,969,487	SH	DFND	1,2,3,4	2,957,747	0	1,011,740
VERISK ANALYTICS INC	COM	92345Y106	35,195	189,924	SH	DFND	1,2,3,4,6	158,065	0	31,859
VERICEL CORP	COM	92346J108	1,058	57,100	SH	DFND	1,2,3,4	57,100	0	0
VERRA MOBILITY CORP	COM	92511U102	1,513	156,670	SH	DFND	1,2,3,4	156,670	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	137	17,700	SH	DFND	1,2,3,4	17,700	0	0
VERSO CORP	CL A	92531L207	1,099	139,269	SH	DFND	1,2,3,4	139,269	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	1,795,870	6,599,551	SH	DFND	1,2,3,4	6,137,651	0	461,900
VERTIV HOLDINGS CO	COM CL A	92537N108	6,416	370,450	SH	DFND	1,2,3,4	331,150	0	39,300
VERTEX INC	CL A	92538J106	27,675	1,203,255	SH	DFND	1,2,3,4	1,134,500	0	68,755
VIAD CORP	COM NEW	92552R406	445	21,359	SH	DFND	1,2,3,4	17,559	0	3,800
VIASAT INC	COM	92552V100	3,119	90,683	SH	DFND	1,2,3,4	85,533	0	5,150
VIAVI SOLUTIONS INC	COM	925550105	6,128	522,403	SH	DFND	1,2,3,4	473,557	0	48,846
VIACOMCBS INC	CL B	92556H206	30,195	1,078,009	SH	DFND	1,2,3,4	753,092	0	324,917
VICI PPTYS INC	COM	925652109	12,680	542,566	SH	DFND	1,2,3,4	494,486	0	48,080
VICOR CORP	COM	925815102	2,459	31,632	SH	DFND	1,2,3,4	27,000	0	4,632
VIELA BIO INC	COM	926613100	1,819	64,776	SH	DFND	1,2,3,4	64,776	0	0
VIEMED HEALTHCARE INC	COM	92663R105	221	25,600	SH	DFND	1,2,3,4	25,600	0	0
VIEWRAY INC	COM	92672L107	635	181,400	SH	DFND	1,2,3,4	181,400	0	0
VIKING THERAPEUTICS INC	COM	92686J106	449	77,200	SH	DFND	1,2,3,4	77,200	0	0
VILLAGE BK & TR FINL CORP	COM NEW	92705T200	1,412	45,534	SH	DFND	1,2,3,4	45,534	0	0
VILLAGE SUPER MKT INC	CL A NEW	927107409	2,897	117,719	SH	DFND	1,2,3,4	117,719	0	0
VIPSHOP HOLDINGS LIMITED	SPONSORED ADS A	92763W103	167	10,663	SH	DFND	1,2,3,4	10,663	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	71,455	2,081,425	SH	DFND	1,2,3,4	1,919,142	0	162,283
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	380	19,735	SH	DFND	1,2,3,4	8,735	0	11,000
VIRNETX HLDG CORP	COM	92823T108	145	27,600	SH	DFND	1,2,3,4	27,600	0	0
VIRTU FINL INC	CL A	928254101	1,017	44,190	SH	DFND	1,2,3,4	33,590	0	10,600
VISA INC	COM CL A	92826C839	3,692,056	18,463,050	SH	DFND	1,2,3,4	16,144,207	0	2,318,843
VIRTUSA CORP	COM	92827P102	2,155	43,843	SH	DFND	1,2,3,4	37,463	0	6,380
VIRTUS INVT PARTNERS INC	COM	92828Q109	1,959	14,129	SH	DFND	1,2,3,4	12,723	0	1,406
VISHAY INTERTECHNOLOGY INC	COM	928298108	71,113	4,567,308	SH	DFND	1,2,3,4	3,896,516	0	670,792
VISHAY PRECISION GROUP INC	COM	92835K103	375	14,800	SH	DFND	1,2,3,4	14,800	0	0
VISTA OUTDOOR INC	COM	928377100	1,580	78,300	SH	DFND	1,2,3,4	67,500	0	10,800
VISTEON CORP	COM NEW	92839U206	4,615	66,675	SH	DFND	1,2,3,4	66,675	0	0
VISTRA CORP	COM	92840M102	7,082	375,478	SH	DFND	1,2,3,4	331,728	0	43,750
VITAL FARMS INC	COM	92847W103	40,341	995,327	SH	DFND	1,2,3,4	938,154	0	57,173
VIVINT SMART HOME INC	COM CL A	928542109	8,018	469,442	SH	DFND	1,2,3,4	232,616	0	236,826
VIVINT SOLAR INC	COM	92854Q106	13,294	313,913	SH	DFND	1,2,3,4	313,913	0	0
VMWARE INC	CL A COM	928563402	214,587	1,493,612	SH	DFND	1,2,3,4	1,126,429	0	367,183
VOCERA COMMUNICATIONS INC	COM	92857F107	951	32,700	SH	DFND	1,2,3,4	32,700	0	0
VONAGE HLDGS CORP	COM	92886T201	6,269	612,760	SH	DFND	1,2,3,4	563,740	0	49,020
VORNADO RLTY TR	SH BEN INT	929042109	13,506	400,646	SH	DFND	1,2,3,4	335,389	0	65,257
VOYA FINANCIAL INC	COM	929089100	61,869	1,290,817	SH	DFND	1,2,3,4	1,086,582	0	204,235
VOYAGER THERAPEUTICS INC	COM	92915B106	395	37,000	SH	DFND	1,2,3,4	37,000	0	0
VULCAN MATLS CO	COM	929160109	26,827	197,928	SH	DFND	1,2,3,4	175,713	0	22,215
VROOM INC	COM	92918V109	840	16,223	SH	DFND	1,2,3,4	12,359	0	3,864
W & T OFFSHORE INC	COM	92922P106	538	299,108	SH	DFND	1,2,3,4	299,108	0	0
WD-40 CO	COM	929236107	4,456	23,540	SH	DFND	1,2,3,4	20,600	0	2,940
WSFS FINL CORP	COM	929328102	25,350	939,934	SH	DFND	1,2,3,4	782,900	0	157,034

WNS HLDGS LTD	SPON ADR	92932M101	25,973	406,086	SH	DFND	1,2,3,4	390,796	0	15,290
WVS FINL CORP	COM	929358109	1,889	141,824	SH	DFND	1,2,3,4	141,824	0	0
WP CAREY INC	COM	92936U109	10,918	167,559	SH	DFND	1,2,3,4	152,384	0	15,175
WEC ENERGY GROUP INC	COM	92939U106	45,014	464,545	SH	DFND	1,2,3,4	405,098	0	59,447
VYNE THERAPEUTICS INC	COM NEW	92941V100	231	139,000	SH	DFND	1,2,3,4	139,000	0	0
WABASH NATL CORP	COM	929566107	3,874	323,950	SH	DFND	1,2,3,4	311,882	0	12,068
WABTEC	COM	929740108	16,448	265,804	SH	DFND	1,2,3,4	236,140	0	29,664
WADDELL & REED FINL INC	CL A	930059100	1,852	124,684	SH	DFND	1,2,3,4	109,654	0	15,030
WAITR HLDGS INC	COM	930752100	78	24,100	SH	DFND	1,2,3,4	24,100	0	0
WALMART INC	COM	931142103	1,216,520	8,695,020	SH	DFND	1,2,3,4	8,138,262	0	556,758
WALGREENS BOOTS ALLIANCE INC	COM	931427108	46,509	1,294,807	SH	DFND	1,2,3,4	1,128,589	0	166,218
WALKER & DUNLOP INC	COM	93148P102	3,988	75,245	SH	DFND	1,2,3,4	68,965	0	6,280
WARRIOR MET COAL INC	COM	93627C101	4,989	292,078	SH	DFND	1,2,3,4	280,602	0	11,476
WASHINGTON FED INC	COM	938824109	4,034	193,376	SH	DFND	1,2,3,4	193,376	0	0
WASHINGTON PRIME GROUP NEW	COM	93964W108	35	54,162	SH	DFND	1,2,3,4	19,242	0	34,920
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	3,418	169,803	SH	DFND	1,2,3,4	152,303	0	17,500
WASHINGTON TR BANCORP	COM	940610108	653	21,290	SH	DFND	1,2,3,4	21,290	0	0
WASTE CONNECTIONS INC	COM	94106B101	1,889	18,201	SH	DFND	1,2,3,4	18,201	0	0
WASTE MGMT INC DEL	COM	94106L109	199,297	1,761,038	SH	DFND	1,2,3,4	1,124,175	0	636,863
WATERS CORP	COM	941848103	21,304	108,872	SH	DFND	1,2,3,4	96,907	0	11,965
WATERSTONE FINL INC MD	COM	94188P101	462	29,844	SH	DFND	1,2,3,4	29,844	0	0
WATSCO INC	COM	942622200	12,550	53,889	SH	DFND	1,2,3,4	50,934	0	2,955
WATTS WATER TECHNOLOGIES INC	CL A	942749102	5,827	58,180	SH	DFND	1,2,3,4	52,300	0	5,880
WAYFAIR INC	CL A	94419L101	11,493	39,494	SH	DFND	1,2,3,4	28,094	0	11,400
WEBSTER FINL CORP CONN	COM	947890109	83,871	3,175,715	SH	DFND	1,2,3,4	2,687,360	0	488,355
WEINGARTEN RLTY INVS	SH BEN INT	948741103	4,390	258,854	SH	DFND	1,2,3,4	248,017	0	10,837
WEIS MKTS INC	COM	948849104	863	17,979	SH	DFND	1,2,3,4	17,979	0	0
WELBILT INC	COM	949090104	3,152	511,720	SH	DFND	1,2,3,4	511,720	0	0
WELLS FARGO CO NEW	COM	949746101	642,304	27,320,442	SH	DFND	1,2,3,4	23,384,844	0	3,935,598
WELLS FARGO CO NEW	PERP PFD CNV A	949746804	12,701	9,464	SH	DFND	1,2,3,4	2,589	0	6,875
WELLTOWER INC	COM	95040Q104	99,943	1,814,171	SH	DFND	1,2,3,4	1,667,613	0	146,558
WENDYS CO	COM	95058W100	7,042	315,843	SH	DFND	1,2,3,4	283,663	0	32,180
WERNER ENTERPRISES INC	COM	950755108	6,560	156,236	SH	DFND	1,2,3,4	156,236	0	0
WESBANCO INC	COM	950810101	2,030	95,024	SH	DFND	1,2,3,4	95,024	0	0
WESCO INTL INC	COM	95082P105	3,620	82,239	SH	DFND	1,2,3,4	82,239	0	0
WEST BANCORPORATION INC	CAP STK	95123P106	331	20,900	SH	DFND	1,2,3,4	20,900	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	170,587	620,543	SH	DFND	1,2,3,4	347,064	0	273,479
WESTAMERICA BANCORPORATION	COM	957090103	2,342	43,090	SH	DFND	1,2,3,4	37,290	0	5,800
WESTERN ALLIANCE BANCORP	COM	957638109	5,029	159,050	SH	DFND	1,2,3,4	150,400	0	8,650
WESTERN ASSET MTG CAP CORP	COM	95790D105	250	122,400	SH	DFND	1,2,3,4	122,400	0	0
WESTERN DIGITAL CORP.	COM	958102105	124,557	3,407,847	SH	DFND	1,2,3,4	3,018,402	0	389,445
WESTERN NEW ENG BANCORP INC	COM	958892101	185	32,900	SH	DFND	1,2,3,4	32,900	0	0
WESTERN UN CO	COM	959802109	23,740	1,107,773	SH	DFND	1,2,3,4	1,018,667	0	89,106
WESTLAKE CHEM CORP	COM	960413102	169,555	2,681,983	SH	DFND	1,2,3,4	2,412,743	0	269,240
WESTROCK CO	COM	96145D105	20,361	586,105	SH	DFND	1,2,3,4	492,820	0	93,285

WESTWOOD HLDGS GROUP INC	COM	961765104	145	12,997	SH	DFND	1,2,3,4	12,997	0	0
WEX INC	COM	96208T104	10,717	77,119	SH	DFND	1,2,3,4	72,946	0	4,173
WEYERHAEUSER CO MTN BE	COM NEW	962166104	47,114	1,651,949	SH	DFND	1,2,3,4	1,513,421	0	138,528
WHEATON PRECIOUS METALS CORP	COM	962879102	7,039	143,454	SH	DFND	1,2,3,4	133,611	0	9,843
WHIRLPOOL CORP	COM	963320106	19,092	103,822	SH	DFND	1,2,3,4	92,360	0	11,462
WHITESTONE REIT	COM	966084204	383	63,889	SH	DFND	1,2,3,4	56,479	0	7,410
WHITING PETE CORP NEW	COM NEW	966387508	5,317	307,536	SH	DFND	1,2,3,4	302,439	0	5,097
WIDOPENWEST INC	COM	96758W101	389	74,900	SH	DFND	1,2,3,4	74,900	0	0
WILEY JOHN & SONS INC	CL A	968223206	2,813	88,721	SH	DFND	1,2,3,4	84,916	0	3,805
WILLDAN GROUP INC	COM	96924N100	250	9,800	SH	DFND	1,2,3,4	9,800	0	0
WILLIAMS COS INC	COM	969457100	37,602	1,913,595	SH	DFND	1,2,3,4	1,688,433	0	225,162
WILLIAMS SONOMA INC	COM	969904101	152,407	1,685,168	SH	DFND	1,2,3,4	1,444,275	0	240,893
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	5,577	334,324	SH	DFND	1,2,3,4	232,668	0	101,656
WINGSTOP INC	COM	974155103	77,839	569,624	SH	DFND	1,2,3,4	542,058	0	27,566
WINMARK CORP	COM	974250102	522	3,030	SH	DFND	1,2,3,4	3,030	0	0
WINNEBAGO INDS INC	COM	974637100	8,658	167,564	SH	DFND	1,2,3,4	135,276	0	32,288
WINTRUST FINL CORP	COM	97650W108	4,032	100,681	SH	DFND	1,2,3,4	95,631	0	5,050
WIPRO LTD	SPON ADR 1 SH	97651M109	635	135,069	SH	DFND	1,2,3,4	135,069	0	0
WISDOMTREE INVTS INC	COM	97717P104	595	185,860	SH	DFND	1,2,3,4	157,160	0	28,700
WISDOMTREE TR	INDIA ERNGS FD	97717W422	8,977	380,390	SH	DFND	1,2,3,4	380,390	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	3,526	136,469	SH	DFND	1,2,3,4	118,813	0	17,656
WOODWARD INC	COM	980745103	7,587	94,646	SH	DFND	1,2,3,4	89,746	0	4,900
WORKDAY INC	CL A	98138H101	23,473	109,109	SH	DFND	1,2,3,4	78,163	0	30,946
WORKHORSE GROUP INC	COM NEW	98138J206	2,884	114,100	SH	DFND	1,2,3,4	114,100	0	0
WORKIVA INC	COM CL A	98139A105	2,862	51,330	SH	DFND	1,2,3,4	51,330	0	0
WORLD ACCEP CORP DEL	COM	981419104	782	7,413	SH	DFND	1,2,3,4	6,259	0	1,154
WORLD FUEL SVCS CORP	COM	981475106	3,467	163,601	SH	DFND	1,2,3,4	163,601	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	2,690	66,460	SH	DFND	1,2,3,4	58,260	0	8,200
WORTHINGTON INDS INC	COM	981811102	3,858	94,607	SH	DFND	1,2,3,4	94,607	0	0
WPX ENERGY INC	COM	98212B103	2,795	570,429	SH	DFND	1,2,3,4	534,426	0	36,003
WRAP TECHNOLOGIES INC	COM	98212N107	303	44,800	SH	DFND	1,2,3,4	44,800	0	0
WW INTL INC	COM	98262P101	2,038	107,999	SH	DFND	1,2,3,4	107,999	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	6,871	223,371	SH	DFND	1,2,3,4	215,757	0	7,614
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	9,391	185,964	SH	DFND	1,2,3,4	177,650	0	8,314
WYNN RESORTS LTD	COM	983134107	10,763	149,879	SH	DFND	1,2,3,4	131,802	0	18,077
XPO LOGISTICS INC	COM	983793100	91,116	1,076,253	SH	DFND	1,2,3,4	921,665	0	154,588
XCEL ENERGY INC	COM	98389B100	52,838	765,653	SH	DFND	1,2,3,4	668,191	0	97,462
XPERI HOLDING CORP	COM	98390M103	1,833	159,536	SH	DFND	1,2,3,4	136,326	0	23,210
XILINX INC	COM	983919101	1,120,750	10,751,631	SH	DFND	1,2,3,4	9,664,687	0	1,086,944
XBIOTECH INC	COM	98400H102	657	34,400	SH	DFND	1,2,3,4	34,400	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	3,702	421,613	SH	DFND	1,2,3,4	398,400	0	23,213
XENCOR INC	COM	98401F105	3,591	92,575	SH	DFND	1,2,3,4	81,900	0	10,675
XYLEM INC	COM	98419M100	183,279	2,178,783	SH	DFND	1,2,3,4	1,407,073	0	771,710
XEROX HOLDINGS CORP	COM NEW	98421M106	7,864	418,946	SH	DFND	1,2,3,4	331,256	0	87,690
XPENG INC	ADS	98422D105	2,235	111,344	SH	DFND	1,2,3,4	111,344	0	0
XERIS PHARMACEUTICALS	COM	98422L107	208	35,100	SH	DFND	1,2,3,4	35,100	0	0

INC										
Y-MABS THERAPEUTICS INC	COM	984241109	36,836	959,516	SH	DFND	1,2,3,4	911,197	0	48,319
YAMANA GOLD INC	COM	98462Y100	2,385	419,950	SH	DFND	1,2,3,4	419,950	0	0
YELP INC	CL A	985817105	3,483	173,351	SH	DFND	1,2,3,4	173,351	0	0
YEXT INC	COM	98585N106	3,317	218,517	SH	DFND	1,2,3,4	218,517	0	0
YETI HLDGS INC	COM	98585X104	5,637	124,372	SH	DFND	1,2,3,4	108,500	0	15,872
YORK WTR CO	COM	987184108	730	17,279	SH	DFND	1,2,3,4	17,279	0	0
YUM BRANDS INC	COM	988498101	39,493	432,561	SH	DFND	1,2,3,4	395,704	0	36,857
YUM CHINA HLDGS INC	COM	98850P109	36,579	690,821	SH	DFND	1,2,3,4	607,282	0	83,539
ZAI LAB LTD	ADR	98887Q104	2,243	26,968	SH	DFND	1,2,3,4	26,968	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	21,219	84,049	SH	DFND	1,2,3,4	70,900	0	13,149
ZENDESK INC	COM	98936J101	110,012	1,068,912	SH	DFND	1,2,3,4	628,361	0	440,551
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	25,196	770,770	SH	DFND	1,2,3,4	729,737	0	41,033
ZILLOW GROUP INC	CL A	98954M101	3,158	31,102	SH	DFND	1,2,3,4	25,567	0	5,535
ZILLOW GROUP INC	CL C CAP STK	98954M200	18,385	180,975	SH	DFND	1,2,3,4	167,355	0	13,620
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	156,105	1,146,648	SH	DFND	1,2,3,4	1,058,660	0	87,988
ZIONS BANCORPORATION N A	COM	989701107	67,658	2,315,458	SH	DFND	1,2,3,4	1,863,362	0	452,096
ZIOPHARM ONCOLOGY INC	COM	98973P101	523	207,528	SH	DFND	1,2,3,4	207,528	0	0
ZIX CORP	COM	98974P100	337	57,736	SH	DFND	1,2,3,4	57,736	0	0
ZOGENIX INC	COM NEW	98978L204	1,499	83,612	SH	DFND	1,2,3,4	83,612	0	0
ZOETIS INC	CL A	98978V103	2,478,742	14,989,066	SH	DFND	1,2,3,4	13,094,007	0	1,895,059
ZOETIS INC	CL A	98978V103	44,546	269,374	SH	DFND	1,2,3,4,6	228,514	0	40,860
ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	98980A105	615	20,560	SH	DFND	1,2,3,4	20,560	0	0
ZSCALER INC	COM	98980G102	10,034	71,320	SH	DFND	1,2,3,4	58,720	0	12,600
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	50,294	106,984	SH	DFND	1,2,3,4	76,920	0	30,064
ZUMIEZ INC	COM	989817101	2,599	93,419	SH	DFND	1,2,3,4	89,418	0	4,001
ZUORA INC	COM CL A	98983V106	1,328	128,420	SH	DFND	1,2,3,4	128,420	0	0
ZYNEX INC	COM	98986M103	276	15,795	SH	DFND	1,2,3,4	12,200	0	3,595
ZYNGA INC	CL A	98986T108	4,911	538,532	SH	DFND	1,2,3,4	393,242	0	145,290
EURONAV NV	SHS	B38564108	113	12,771	SH	DFND	1,2,3,4	12,771	0	0
DEUTSCHE BANK A G	NAMEN AKT	D18190898	4,988	593,848	SH	DFND	1,2,3,4	593,848	0	0
CONSTELLIUM SE	CL A SHS	F21107101	2,318	295,264	SH	DFND	1,2,3,4	295,264	0	0
ADIANT PLC	ORD SHS	G0084W101	3,707	213,889	SH	DFND	1,2,3,4	213,889	0	0
ALKERMES PLC	SHS	G01767105	1,229	74,176	SH	DFND	1,2,3,4	60,051	0	14,125
ALLEGION PLC	ORD SHS	G0176J109	595,681	6,022,454	SH	DFND	1,2,3,4	5,371,833	0	650,621
ALLEGION PLC	ORD SHS	G0176J109	20,809	210,386	SH	DFND	1,2,3,4,6	185,641	0	24,745
AMCOR PLC	ORD	G0250X107	33,699	3,049,720	SH	DFND	1,2,3,4	2,539,019	0	510,701
AMDOCS LTD	SHS	G02602103	87,046	1,516,219	SH	DFND	1,2,3,4	1,278,874	0	237,345
AMBARELLA INC	SHS	G037AX101	9,426	180,650	SH	DFND	1,2,3,4	180,560	0	90
AON PLC	SHS CL A	G0403H108	74,866	362,899	SH	DFND	1,2,3,4	299,041	0	63,858
ARCH CAP GROUP LTD	ORD	G0450A105	6,716	229,590	SH	DFND	1,2,3,4	185,566	0	44,024
ARCO PLATFORM LTD	COM CL A	G04553106	1,220	29,880	SH	DFND	1,2,3,4	29,880	0	0
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	1,572	45,672	SH	DFND	1,2,3,4	45,672	0	0
ASSURED GUARANTY LTD	COM	G0585R106	1,126	52,403	SH	DFND	1,2,3,4	45,108	0	7,295
ATLASSIAN CORP PLC	CL A	G06242104	29,534	162,463	SH	DFND	1,2,3,4	83,232	0	79,231
ATHENE HOLDING LTD	CL A	G0684D107	3,259	95,640	SH	DFND	1,2,3,4	85,300	0	10,340
AXIS CAP HLDGS LTD	SHS	G0692U109	2,104	47,785	SH	DFND	1,2,3,4	39,840	0	7,945
AXALTA COATING SYS LTD	COM	G0750C108	2,574	116,117	SH	DFND	1,2,3,4	91,674	0	24,443
ATLANTICA SUSTAINABLE INFR P	SHS	G0751N103	3,811	133,211	SH	DFND	1,2,3,4	133,211	0	0
BANK OF NT BUTTERFIELD&SON L	SHS NEW	G0772R208	3,213	144,210	SH	DFND	1,2,3,4	144,210	0	0
BEYONDSRING INC	SHS	G10830100	297	22,300	SH	DFND	1,2,3,4	22,300	0	0

BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	94,210	1,449,164	SH	DFND	1,2,3,4	1,339,376	0	109,788
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	235,809	1,043,448	SH	DFND	1,2,3,4	852,607	0	190,841
MIMECAST LTD	ORD SHS	G14838109	3,557	75,800	SH	DFND	1,2,3,4	75,800	0	0
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	392	8,240	SH	DFND	1,2,3,4	8,240	0	0
BUNGE LIMITED	COM	G16962105	6,469	141,563	SH	DFND	1,2,3,4	126,173	0	15,390
CAPRI HOLDINGS LIMITED	SHS	G1890L107	3,463	192,402	SH	DFND	1,2,3,4	72,938	0	119,464
CARDTRONICS PLC	SHS CL A	G1991C105	1,272	64,228	SH	DFND	1,2,3,4	56,430	0	7,798
CENTRAL EUROPEAN MEDIA ENTRP	CL A NEW	G20045202	490	117,000	SH	DFND	1,2,3,4	117,000	0	0
CHINA YUCHAI INTL LTD	COM	G21082105	4,145	230,280	SH	DFND	1,2,3,4	230,280	0	0
CIMPRESS PLC	SHS EURO	G2143T103	2,007	26,700	SH	DFND	1,2,3,4	26,700	0	0
CLARIVATE PLC	ORD SHS	G21810109	4,150	133,920	SH	DFND	1,2,3,4	69,505	0	64,415
CONSOLIDATED WATER CO INC	ORD	G23773107	1,435	137,817	SH	DFND	1,2,3,4	137,817	0	0
CREDICORP LTD	COM	G2519Y108	22,298	179,836	SH	DFND	1,2,3,4	152,566	0	27,270
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	125,641	3,237,339	SH	DFND	1,2,3,4	2,515,659	0	721,680
DELPHI TECHNOLOGIES PL	SHS	G2709G107	9,947	595,284	SH	DFND	1,2,3,4	595,284	0	0
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	1,778	169,144	SH	DFND	1,2,3,4	169,144	0	0
DESPEGAR COM CORP	ORD SHS	G27358103	1,112	174,904	SH	DFND	1,2,3,4	174,904	0	0
EATON CORP PLC	SHS	G29183103	267,381	2,620,615	SH	DFND	1,2,3,4	2,455,683	0	164,932
ENDO INTL PLC	SHS	G30401106	1,201	363,858	SH	DFND	1,2,3,4	321,028	0	42,830
ENSTAR GROUP LIMITED	SHS	G3075P101	2,591	16,042	SH	DFND	1,2,3,4	16,042	0	0
ESSENT GROUP LTD	COM	G3198U102	131,733	3,559,386	SH	DFND	1,2,3,4	3,059,365	0	500,021
EVEREST RE GROUP LTD	COM	G3223R108	165,509	837,853	SH	DFND	1,2,3,4	705,162	0	132,691
FABRINET	SHS	G3323L100	5,673	90,006	SH	DFND	1,2,3,4	82,159	0	7,847
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	1,258	54,890	SH	DFND	1,2,3,4	48,145	0	6,745
FRONTLINE LTD	SHS NEW	G3682E192	991	152,400	SH	DFND	1,2,3,4	152,400	0	0
EROS STX GLOBAL CORPORATION	SHS NEW	G3788M114	243	109,900	SH	DFND	1,2,3,4	109,900	0	0
GATES INDUSTRIAL CORPRATIN P	ORD SHS	G39108108	388	34,897	SH	DFND	1,2,3,4	30,943	0	3,954
GENPACT LIMITED	SHS	G3922B107	163,952	4,209,306	SH	DFND	1,2,3,4	3,722,960	0	486,346
GREENLIGHT CAPITAL RE LTD	CLASS A	G4095J109	397	58,945	SH	DFND	1,2,3,4	58,945	0	0
HELEN OF TROY LTD	COM	G4388N106	15,881	82,065	SH	DFND	1,2,3,4	82,065	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	2,443	52,374	SH	DFND	1,2,3,4	42,851	0	9,523
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	3,931	181,003	SH	DFND	1,2,3,4	179,116	0	1,887
HORIZON THERAPEUTICS PUB L	SHS	G46188101	22,531	290,050	SH	DFND	1,2,3,4	256,270	0	33,780
HUDSON LTD	COM CL A	G46408103	606	79,700	SH	DFND	1,2,3,4	79,700	0	0
ICON PLC	SHS	G4705A100	342,784	1,793,836	SH	DFND	1,2,3,4	1,435,354	0	358,482
ICHOR HOLDINGS	SHS	G4740B105	522	24,202	SH	DFND	1,2,3,4	19,600	0	4,602
IHS MARKIT LTD	SHS	G47567105	46,763	595,633	SH	DFND	1,2,3,4	502,885	0	92,748
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	1,412	126,900	SH	DFND	1,2,3,4	126,900	0	0
INVESCO LTD	SHS	G491BT108	10,714	939,011	SH	DFND	1,2,3,4	544,690	0	394,321
JAMES RIV GROUP LTD	COM	G5005R107	1,981	44,481	SH	DFND	1,2,3,4	37,771	0	6,710
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	13,287	93,181	SH	DFND	1,2,3,4	87,171	0	6,010
JOHNSON CTLS INTL PLC	SHS	G51502105	66,864	1,636,810	SH	DFND	1,2,3,4	1,496,609	0	140,201
KINIKSA PHARMACEUTICALS LTD	COM CL A	G5269C101	434	28,300	SH	DFND	1,2,3,4	28,300	0	0

LAZARD LTD	SHS A	G54050102	1,996	60,400	SH	DFND	1,2,3,4	51,450	0	8,950
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	422	20,543	SH	DFND	1,2,3,4	11,946	0	8,597
LINDE PLC	SHS	G5494J103	205,009	860,912	SH	DFND	1,2,3,4	789,949	0	70,963
LIVANOVA PLC	SHS	G5509L101	5,761	127,425	SH	DFND	1,2,3,4	127,425	0	0
LUXFER HOLDINGS PLC	SHS	G5698W116	373	29,701	SH	DFND	1,2,3,4	29,701	0	0
MALLINCKRODT PUB LTD CO	SHS	G5785G107	169	173,901	SH	DFND	1,2,3,4	173,476	0	425
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	15,679	394,939	SH	DFND	1,2,3,4	335,779	0	59,160
MEDTRONIC PLC	SHS	G5960L103	926,550	8,915,993	SH	DFND	1,2,3,4	7,447,664	0	1,468,329
MEIRAGTX HLDGS PLC	COM	G59665102	377	28,500	SH	DFND	1,2,3,4	28,500	0	0
APTIV PLC	SHS	G6095L109	672,037	7,330,248	SH	DFND	1,2,3,4	5,371,333	0	1,958,915
APTIV PLC	SHS	G6095L109	31,880	347,731	SH	DFND	1,2,3,4,6	297,466	0	50,265
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	364	28,400	SH	DFND	1,2,3,4	28,400	0	0
NATIONAL ENERGY SERVICES REU	SHS	G6375R107	219	34,400	SH	DFND	1,2,3,4	34,400	0	0
MYOVANT SCIENCES LTD	COM	G637AM102	2,563	182,389	SH	DFND	1,2,3,4	182,389	0	0
NEW FRONTIER HEALTH CORP	ORD SHS	G6461G106	7,465	978,319	SH	DFND	1,2,3,4	978,319	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	7,764	547,524	SH	DFND	1,2,3,4	481,735	0	65,789
NOMAD FOODS LTD	USD ORD SHS	G6564A105	102,353	4,017,009	SH	DFND	1,2,3,4	3,356,325	0	660,684
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	600	171,855	SH	DFND	1,2,3,4	171,855	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	7,916	462,635	SH	DFND	1,2,3,4	346,310	0	116,325
NOVOCURE LTD	ORD SHS	G6674U108	5,862	52,661	SH	DFND	1,2,3,4	34,880	0	17,781
NVENT ELECTRIC PLC	SHS	G6700G107	5,112	288,991	SH	DFND	1,2,3,4	275,103	0	13,888
PAGSEGURO DIGITAL LTD	COM CL A	G68707101	41,840	1,109,521	SH	DFND	1,2,3,4	1,101,277	0	8,244
OSMOTICA PHARMACEUTICALS PLC	SHS	G6S41R101	1,207	223,052	SH	DFND	1,2,3,4	215,540	0	7,512
PROTHENA CORP PLC	SHS	G72800108	550	55,040	SH	DFND	1,2,3,4	55,040	0	0
QUOTIENT LTD	SHS	G73268107	235	45,700	SH	DFND	1,2,3,4	45,700	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	89,529	527,446	SH	DFND	1,2,3,4	473,368	0	54,078
ROYALTY PHARMA PLC	SHS CL A	G7709Q104	1,713	40,712	SH	DFND	1,2,3,4	29,859	0	10,853
SFL CORPORATION LTD	SHS	G7738W106	970	129,503	SH	DFND	1,2,3,4	129,503	0	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	13,441	272,801	SH	DFND	1,2,3,4	255,852	0	16,949
PENTAIR PLC	SHS	G7S00T104	23,760	519,125	SH	DFND	1,2,3,4	488,559	0	30,566
SAPIENS INTL CORP N V	SHS	G7T16G103	1,075	35,149	SH	DFND	1,2,3,4	35,149	0	0
SENSATA TECHNOLOGIES HLDNG P	SHS	G8060N102	4,256	98,658	SH	DFND	1,2,3,4	77,523	0	21,135
SIGNET JEWELERS LIMITED	SHS	G81276100	1,521	81,332	SH	DFND	1,2,3,4	69,225	0	12,107
SMART GLOBAL HLDGS INC	SHS	G8232Y101	394	14,417	SH	DFND	1,2,3,4	10,900	0	3,517
STERIS PLC	SHS USD	G8473T100	155,752	883,999	SH	DFND	1,2,3,4	548,254	0	335,745
STONECO LTD	COM CL A	G85158106	4,721	89,260	SH	DFND	1,2,3,4	57,160	0	32,100
STRONGBRIDGE BIOPHARMA PLC	SHS USD	G85347105	39	18,700	SH	DFND	1,2,3,4	18,700	0	0
TECHNIPFMC PLC	COM	G87110105	2,476	392,392	SH	DFND	1,2,3,4	361,341	0	31,051
TEXTAINER GROUP HOLDINGS LTD	SHS	G8766E109	871	61,500	SH	DFND	1,2,3,4	61,500	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	1,135	76,735	SH	DFND	1,2,3,4	76,735	0	0
THIRD PT REINS LTD	COM	G8827U100	894	128,594	SH	DFND	1,2,3,4	108,794	0	19,800
TRANE TECHNOLOGIES PLC	SHS	G8994E103	62,664	516,820	SH	DFND	1,2,3,4	472,289	0	44,531
LIBERTY LATIN AMERICA LTD	COM CL A	G9001E102	394	47,800	SH	DFND	1,2,3,4	47,800	0	0
LIBERTY LATIN AMERICA LTD	COM CL C	G9001E128	1,123	137,991	SH	DFND	1,2,3,4	137,990	0	1

TRITON INTL LTD	CL A	G9078F107	2,875	70,700	SH	DFND	1,2,3,4	70,700	0	0
TRONOX HOLDINGS PLC	SHS	G9087Q102	2,192	278,510	SH	DFND	1,2,3,4	278,510	0	0
GOLAR LNG LTD	SHS	G9456A100	686	113,300	SH	DFND	1,2,3,4	113,300	0	0
WATFORD HLDGS LTD	SHS	G94787101	346	15,100	SH	DFND	1,2,3,4	15,100	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	1,337	1,716	SH	DFND	1,2,3,4	1,316	0	400
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	55,484	265,704	SH	DFND	1,2,3,4	241,744	0	23,960
PERRIGO CO PLC	SHS	G97822103	38,845	846,109	SH	DFND	1,2,3,4	709,238	0	136,871
ADC THERAPEUTICS SA	SHS	H0036K147	42,840	1,298,565	SH	DFND	1,2,3,4	1,195,956	0	102,609
ALCON AG	ORD SHS	H01301128	77,193	1,355,444	SH	DFND	1,2,3,4	521,712	0	833,732
CHUBB LIMITED	COM	H1467J104	75,661	651,576	SH	DFND	1,2,3,4	591,302	0	60,274
GARMIN LTD	SHS	H2906T109	62,949	663,594	SH	DFND	1,2,3,4	636,035	0	27,559
UBS GROUP AG	SHS	H42097107	11,501	1,031,493	SH	DFND	1,2,3,4	1,031,493	0	0
LOGITECH INTL S A	SHS	H50430232	48,218	623,696	SH	DFND	1,2,3,4	590,176	0	33,520
TE CONNECTIVITY LTD	REG SHS	H84989104	32,860	336,195	SH	DFND	1,2,3,4	311,028	0	25,167
TRANSOCEAN LTD	REG SHS	H8817H100	688	852,694	SH	DFND	1,2,3,4	852,675	0	19
ALTISOURCE PORTFOLIO SOLNS S	REG SHS	L0175J104	351	27,700	SH	DFND	1,2,3,4	27,700	0	0
GLOBANT S A	COM	L44385109	5,475	30,550	SH	DFND	1,2,3,4	23,550	0	7,000
ORION ENGINEERED CARBONS S A	COM	L72967109	83,681	6,689,122	SH	DFND	1,2,3,4	5,631,630	0	1,057,492
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	17,923	73,890	SH	DFND	1,2,3,4	50,290	0	23,600
TRINSEO S A	SHS	L9340P101	64,120	2,500,782	SH	DFND	1,2,3,4	2,113,628	0	387,154
CAESARSTONE LTD	ORD SHS	M20598104	308	31,400	SH	DFND	1,2,3,4	31,400	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	242,173	2,012,409	SH	DFND	1,2,3,4	1,735,663	0	276,746
CYBERARK SOFTWARE LTD	SHS	M2682V108	25,878	250,227	SH	DFND	1,2,3,4	250,227	0	0
ELBIT SYS LTD	ORD	M3760D101	874	7,268	SH	DFND	1,2,3,4	7,268	0	0
ICL GROUP LTD	SHS	M53213100	2,580	739,289	SH	DFND	1,2,3,4	739,289	0	0
POLYPID LTD	SHS	M8001Q118	1,101	100,000	SH	DFND	1,2,3,4	100,000	0	0
UROGEN PHARMA LTD	COM	M96088105	422	21,900	SH	DFND	1,2,3,4	21,900	0	0
WIX COM LTD	SHS	M98068105	3,423	13,431	SH	DFND	1,2,3,4	13,431	0	0
AERCAP HOLDINGS NV	SHS	N00985106	275,844	10,950,532	SH	DFND	1,2,3,4	8,739,126	0	2,211,406
AFFIMED N V	COM	N01045108	300	88,400	SH	DFND	1,2,3,4	88,400	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	430,396	1,165,532	SH	DFND	1,2,3,4	1,082,511	0	83,021
ELASTIC N V	ORD SHS	N14506104	3,747	34,730	SH	DFND	1,2,3,4	23,131	0	11,599
CNH INDL N V	SHS	N20944109	4,355	556,943	SH	DFND	1,2,3,4	542,381	0	14,562
FERRARI N V	COM	N3167Y103	7,294	39,624	SH	DFND	1,2,3,4	39,611	0	13
FIAT CHRYSLER AUTOMOBILES N	SHS	N31738102	12,346	1,010,339	SH	DFND	1,2,3,4	1,010,339	0	0
FRANKS INTL N V	COM	N33462107	318	206,300	SH	DFND	1,2,3,4	206,300	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	42,402	601,538	SH	DFND	1,2,3,4	557,819	0	43,719
MYLAN NV	SHS EURO	N59465109	21,879	1,475,306	SH	DFND	1,2,3,4	937,109	0	538,197
NXP SEMICONDUCTORS N V	COM	N6596X109	505,362	4,049,053	SH	DFND	1,2,3,4	3,393,885	0	655,168
QIAGEN NV	SHS NEW	N72482123	9,940	190,203	SH	DFND	1,2,3,4	170,073	0	20,130
WRIGHT MED GROUP N V	ORD SHS	N96617118	19,573	640,896	SH	DFND	1,2,3,4	640,896	0	0
YANDEX N V	SHS CLASS A	N97284108	7,133	109,313	SH	DFND	1,2,3,4	109,313	0	0
COPA HOLDINGS SA	CL A	P31076105	9,388	186,487	SH	DFND	1,2,3,4	182,431	0	4,056
INTERCORP FINL SVCS INC	SHS	P5626F128	7,824	338,560	SH	DFND	1,2,3,4	267,480	0	71,080
ONESPAWORLD HOLDINGS LIMITED	COM	P73684113	577	88,700	SH	DFND	1,2,3,4	88,700	0	0
MAKEMYTRIP LIMITED MAURITIUS	SHS	V5633W109	2,358	153,541	SH	DFND	1,2,3,4	153,541	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	19,178	296,270	SH	DFND	1,2,3,4	237,228	0	59,042
ARDMORE SHIPPING CORP	COM	Y0207T100	106	29,800	SH	DFND	1,2,3,4	29,800	0	0
COSTAMARE INC	SHS	Y1771G102	317	52,300	SH	DFND	1,2,3,4	52,300	0	0

DHT HOLDINGS INC	SHS NEW	Y2065G121	613	118,800	SH	DFND	1,2,3,4	118,800	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	216	31,400	SH	DFND	1,2,3,4	31,400	0	0
DORIAN LPG LTD	SHS USD	Y2106R110	481	60,062	SH	DFND	1,2,3,4	53,784	0	6,278
FLEX LTD	ORD	Y2573F102	160,221	14,382,474	SH	DFND	1,2,3,4	8,460,283	0	5,922,191
GENCO SHIPPING & TRADING LTD	SHS	Y2685T131	208	30,100	SH	DFND	1,2,3,4	30,100	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	317	21,685	SH	DFND	1,2,3,4	20,965	0	720
MAXEON SOLAR TECHNOLOGIES LT	SHS	Y58473102	418	24,672	SH	DFND	1,2,3,4	24,672	0	0
SAFE BULKERS INC	COM	Y7388L103	35	33,800	SH	DFND	1,2,3,4	33,800	0	0
SCORPIO TANKERS INC	SHS	Y7542C130	593	53,611	SH	DFND	1,2,3,4	53,611	0	0
TEEKAY TANKERS LTD	CL A	Y8565N300	507	46,815	SH	DFND	1,2,3,4	46,815	0	0
WAVE LIFE SCIENCES LTD	SHS	Y95308105	345	40,600	SH	DFND	1,2,3,4	40,600	0	0