

FORM 13F COVER PAGE

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

No.	Form 13F File Number	Name
1	028-19172	Equitable Holdings, Inc.
6	028-01432	STEWART W P & CO LTD

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

FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE	SHRS OR	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	(x\$1000)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
AAON INC	COM PAR \$0.004	000360206	3,274	67,763	SH		DFND	1,2,3,4	59,023	0	8,740
AAR CORP	COM	000361105	43,978	2,476,256	SH		DFND	1,2,3,4	2,054,017	0	422,239
ACCO BRANDS CORP	COM	00081T108	635	125,721	SH		DFND	1,2,3,4	125,627	0	94
ACNB CORP	COM	000868109	290	9,677	SH		DFND	1,2,3,4	9,677	0	0
ADMA BIOLOGICS INC	COM	000899104	261	90,500	SH		DFND	1,2,3,4	90,500	0	0
ADT INC	COM	00090Q103	309	71,483	SH		DFND	1,2,3,4	60,612	0	10,871
ABM INDS INC	COM	000957100	2,591	106,355	SH		DFND	1,2,3,4	92,065	0	14,290
AFLAC INC	COM	001055102	87,783	2,563,764	SH		DFND	1,2,3,4	1,759,338	0	804,426
AGCO CORP	COM	001084102	6,877	145,536	SH		DFND	1,2,3,4	139,281	0	6,255
AG MTG INVT TR INC	COM	001228105	124	45,200	SH		DFND	1,2,3,4	45,200	0	0
AGNC INVT CORP	COM	00123Q104	4,592	434,031	SH		DFND	1,2,3,4	380,294	0	53,737
AES CORP	COM	00130H105	16,633	1,223,008	SH		DFND	1,2,3,4	916,197	0	306,811
AMAG PHARMACEUTICALS INC	COM	00163U106	463	74,903	SH		DFND	1,2,3,4	68,553	0	6,350
AMC NETWORKS INC	CL A	00164V103	1,505	61,907	SH		DFND	1,2,3,4	56,230	0	5,677
AMC ENTMT HLDGS INC	CL A COM	00165C104	448	141,648	SH		DFND	1,2,3,4	141,648	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	7,847	135,742	SH		DFND	1,2,3,4	126,942	0	8,800
ANI PHARMACEUTICALS INC	COM	00182C103	574	14,100	SH		DFND	1,2,3,4	12,350	0	1,750
ASGN INC	COM	00191U102	6,608	187,098	SH		DFND	1,2,3,4	187,098	0	0
AT&T INC	COM	00206R102	418,995	14,373,742	SH		DFND	1,2,3,4	13,453,218	0	920,524
A10 NETWORKS INC	COM	002121101	22,929	3,692,250	SH		DFND	1,2,3,4	2,859,950	0	832,300
ATN INTL INC	COM	00215F107	972	16,560	SH		DFND	1,2,3,4	13,700	0	2,860
AXT INC	COM	00246W103	118	36,800	SH		DFND	1,2,3,4	36,800	0	0
AZZ INC	COM	002474104	1,074	38,188	SH		DFND	1,2,3,4	32,238	0	5,950
AARONS INC	COM PAR \$0.50	002535300	4,002	175,679	SH		DFND	1,2,3,4	175,679	0	0
ABBOTT LABS	COM	002824100	938,045	11,887,530	SH		DFND	1,2,3,4	9,249,989	0	2,637,541
ABBOTT LABS	COM	002824100	47,309	599,530	SH		DFND	1,2,3,4,6	521,585	0	77,945
ABBVIE INC	COM	00287Y109	198,342	2,603,249	SH		DFND	1,2,3,4	2,172,725	0	430,524
ABERCROMBIE & FITCH CO	CL A	002896207	902	99,200	SH		DFND	1,2,3,4	87,400	0	11,800
ABEONA THERAPEUTICS INC	COM	00289Y107	153	72,700	SH		DFND	1,2,3,4	72,700	0	0
ABIOMED INC	COM	003654100	168,637	1,161,733	SH		DFND	1,2,3,4	1,074,434	0	87,299
ABRAXAS PETE CORP	COM	003830106	18	144,900	SH		DFND	1,2,3,4	144,900	0	0
ACACIA RESH CORP	ACACIA TCH COM	003881307	112	50,341	SH		DFND	1,2,3,4	50,341	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	14,774	219,916	SH		DFND	1,2,3,4	219,916	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	2,633	143,468	SH		DFND	1,2,3,4	134,938	0	8,530
ACADIA PHARMACEUTICALS INC	COM	004225108	10,215	241,769	SH		DFND	1,2,3,4	241,769	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	2,203	177,778	SH		DFND	1,2,3,4	159,198	0	18,580
ACCELERATE	COM	00430H102	392	47,010	SH		DFND	1,2,3,4	47,010	0	0

DIAGNOSTICS INC										
ACCELERON PHARMA INC	COM	00434H108	5,509	61,300	SH	DFND	1,2,3,4	61,300	0	0
ACCURAY INC	COM	004397105	277	145,831	SH	DFND	1,2,3,4	145,831	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	41	34,500	SH	DFND	1,2,3,4	34,500	0	0
ACI WORLDWIDE INC	COM	004498101	7,329	303,478	SH	DFND	1,2,3,4	303,478	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	57	55,200	SH	DFND	1,2,3,4	55,200	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	75	80,010	SH	DFND	1,2,3,4	71,010	0	9,000
ACTIVISION BLIZZARD INC	COM	00507V109	268,744	4,518,230	SH	DFND	1,2,3,4	4,252,639	0	265,591
ACUITY BRANDS INC	COM	00508Y102	8,279	96,651	SH	DFND	1,2,3,4	91,354	0	5,297
ACUSHNET HOLDINGS CORP	COM	005098108	1,021	39,700	SH	DFND	1,2,3,4	39,700	0	0
ADAMAS PHARMACEUTICALS INC	COM	00548A106	123	42,700	SH	DFND	1,2,3,4	42,700	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	828	29,821	SH	DFND	1,2,3,4	24,544	0	5,277
ADDUS HOMECARE CORP	COM	006739106	1,126	16,662	SH	DFND	1,2,3,4	14,100	0	2,562
ADESTO TECHNOLOGIES CORP	COM	00687D101	528	47,200	SH	DFND	1,2,3,4	47,200	0	0
ADOBE INC	COM	00724F101	958,709	3,012,533	SH	DFND	1,2,3,4	2,749,213	0	263,320
ADTALEM GLOBAL ED INC	COM	00737L103	3,617	135,013	SH	DFND	1,2,3,4	135,013	0	0
ADTRAN INC	COM	00738A106	502	65,403	SH	DFND	1,2,3,4	56,453	0	8,950
ADURO BIOTECH INC	COM	00739L101	325	118,500	SH	DFND	1,2,3,4	118,500	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	49,808	533,736	SH	DFND	1,2,3,4	511,752	0	21,984
AECOM	COM	00766T100	10,283	344,477	SH	DFND	1,2,3,4	299,023	0	45,454
AEGION CORP	COM	00770F104	967	53,957	SH	DFND	1,2,3,4	48,207	0	5,750
AERIE PHARMACEUTICALS INC	COM	00771V108	9,993	740,244	SH	DFND	1,2,3,4	701,923	0	38,321
AEGLEA BIOTHERAPEUTICS INC	COM	00773J103	47	10,000	SH	DFND	1,2,3,4	10,000	0	0
ADVANSIX INC	COM	00773T101	404	42,369	SH	DFND	1,2,3,4	37,119	0	5,250
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	644	65,900	SH	DFND	1,2,3,4	65,900	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	8,785	210,020	SH	DFND	1,2,3,4	196,420	0	13,600
ADVANCED MICRO DEVICES INC	COM	007903107	89,508	1,968,076	SH	DFND	1,2,3,4	1,747,026	0	221,050
ADVANCED DRAIN SYS INC DEL	COM	00790R104	2,158	73,287	SH	DFND	1,2,3,4	73,287	0	0
ADVANCED DISP SVCS INC DEL	COM	00790X101	17,833	543,678	SH	DFND	1,2,3,4	543,678	0	0
ADVANCED ENERGY INDS	COM	007973100	3,146	64,889	SH	DFND	1,2,3,4	56,659	0	8,230
AEROVIRONMENT INC	COM	008073108	1,952	32,021	SH	DFND	1,2,3,4	27,971	0	4,050
AFFILIATED MANAGERS GROUP IN	COM	008252108	5,121	86,591	SH	DFND	1,2,3,4	81,670	0	4,921
AGILENT TECHNOLOGIES INC	COM	00846U101	39,340	549,285	SH	DFND	1,2,3,4	433,054	0	116,231
AGNICO EAGLE MINES LTD	COM	008474108	68,236	1,714,911	SH	DFND	1,2,3,4	1,188,389	0	526,522
AGENUS INC	COM NEW	00847G705	443	180,800	SH	DFND	1,2,3,4	180,800	0	0
AGILYSYS INC	COM	00847J105	505	30,227	SH	DFND	1,2,3,4	25,950	0	4,277
AGIOS PHARMACEUTICALS INC	COM	00847X104	3,358	94,652	SH	DFND	1,2,3,4	88,570	0	6,082
AGREE REALTY CORP	COM	008492100	14,166	228,846	SH	DFND	1,2,3,4	217,032	0	11,814
AIMMUNE THERAPEUTICS INC	COM	00900T107	1,045	72,500	SH	DFND	1,2,3,4	72,500	0	0
AIR LEASE CORP	CL A	00912X302	1,351	61,025	SH	DFND	1,2,3,4	50,214	0	10,811

AIR PRODS & CHEMS INC	COM	009158106	67,372	337,516	SH	DFND	1,2,3,4	308,894	0	28,622
AIR TRANSPORT SERVICES GRP I	COM	00922R105	1,263	69,100	SH	DFND	1,2,3,4	69,100	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	71,703	783,730	SH	DFND	1,2,3,4	750,521	0	33,209
AKORN INC	COM	009728106	92	164,630	SH	DFND	1,2,3,4	146,830	0	17,800
AKEBIA THERAPEUTICS INC	COM	00972D105	931	122,819	SH	DFND	1,2,3,4	122,819	0	0
AKCEA THERAPEUTICS INC	COM	00972L107	538	37,600	SH	DFND	1,2,3,4	37,600	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	154	28,600	SH	DFND	1,2,3,4	28,600	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	301	14,200	SH	DFND	1,2,3,4	14,200	0	0
ALAMO GROUP INC	COM	011311107	1,250	14,080	SH	DFND	1,2,3,4	12,100	0	1,980
ALAMOS GOLD INC NEW	COM CL A	011532108	90	18,024	SH	DFND	1,2,3,4	18,024	0	0
ALARM COM HLDGS INC	COM	011642105	2,337	60,060	SH	DFND	1,2,3,4	52,260	0	7,800
ALASKA AIR GROUP INC	COM	011659109	58,241	2,045,712	SH	DFND	1,2,3,4	1,741,966	0	303,746
ALBANY INTL CORP	CL A	012348108	2,147	45,365	SH	DFND	1,2,3,4	38,755	0	6,610
ALBEMARLE CORP	COM	012653101	9,485	168,261	SH	DFND	1,2,3,4	150,067	0	18,194
ALBIREO PHARMA INC	COM	01345P106	185	11,300	SH	DFND	1,2,3,4	11,300	0	0
ALCOA CORP	COM	013872106	2,009	326,142	SH	DFND	1,2,3,4	307,139	0	19,003
ALDEYRA THERAPEUTICS INC	COM	01438T106	33	13,500	SH	DFND	1,2,3,4	13,500	0	0
ALECTOR INC	COM	014442107	854	35,400	SH	DFND	1,2,3,4	35,400	0	0
ALERUS FINL CORP	COM	01446U103	2,694	163,096	SH	DFND	1,2,3,4	163,096	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	11,197	997,970	SH	DFND	1,2,3,4	978,330	0	19,640
ALEXANDERS INC	COM	014752109	965	3,496	SH	DFND	1,2,3,4	3,496	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	51,474	375,555	SH	DFND	1,2,3,4	350,112	0	25,443
ALEXION PHARMACEUTICALS INC	COM	015351109	108,247	1,205,552	SH	DFND	1,2,3,4	1,109,648	0	95,904
ALGONQUIN PWR UTILS CORP	COM	015857105	3,214	239,845	SH	DFND	1,2,3,4	226,245	0	13,600
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	660,931	3,398,450	SH	DFND	1,2,3,4	2,759,963	0	638,487
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	1,206	6,199	SH	DFND	1,2,3,4,6	1,205	0	4,994
ALIGN TECHNOLOGY INC	COM	016255101	325,356	1,870,400	SH	DFND	1,2,3,4	1,734,998	0	135,402
ALLAKOS INC	COM	01671P100	16,815	377,940	SH	DFND	1,2,3,4	357,157	0	20,783
ALLEGHANY CORP DEL	COM	017175100	14,473	26,202	SH	DFND	1,2,3,4	24,568	0	1,634
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	2,578	303,311	SH	DFND	1,2,3,4	303,311	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	776	32,175	SH	DFND	1,2,3,4	28,600	0	3,575
ALLEGiant TRAVEL CO	COM	01748X102	1,675	20,482	SH	DFND	1,2,3,4	17,472	0	3,010
ALLETE INC	COM NEW	018522300	12,128	199,866	SH	DFND	1,2,3,4	199,866	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2,935	87,230	SH	DFND	1,2,3,4	64,380	0	22,850
ALLIANT ENERGY CORP	COM	018802108	102,975	2,132,429	SH	DFND	1,2,3,4	1,830,544	0	301,885
ALLIANCEBERNSTEIN HLDG L P	UNIT LTD PARTN	01881G106	590	31,726	SH	DFND	1,2,3,4	0	0	31,726
ALLISON TRANSMISSION HLDGS I	COM	01973R101	11,678	358,102	SH	DFND	1,2,3,4	343,027	0	15,075
ALLOGENE THERAPEUTICS INC	COM	019770106	38,428	1,976,724	SH	DFND	1,2,3,4	1,814,757	0	161,967
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	3,056	434,080	SH	DFND	1,2,3,4	434,080	0	0
ALLSTATE CORP	COM	020002101	139,086	1,516,257	SH	DFND	1,2,3,4	1,412,544	0	103,713
ALLY FINL INC	COM	02005N100	6,360	440,783	SH	DFND	1,2,3,4	339,463	0	101,320
ALNYLAM PHARMACEUTICALS	COM	02043Q107	7,968	73,201	SH	DFND	1,2,3,4	59,376	0	13,825

INC										
ALPHABET INC	CAP STK CL C	02079K107	4,023,557	3,460,202	SH	DFND	1,2,3,4	3,084,973	0	375,229
ALPHABET INC	CAP STK CL C	02079K107	26,954	23,180	SH	DFND	1,2,3,4,6	20,311	0	2,869
ALPHABET INC	CAP STK CL A	02079K305	598,739	515,288	SH	DFND	1,2,3,4	439,058	0	76,230
ALPHATEC HLDGS INC	COM NEW	02081G201	170	49,300	SH	DFND	1,2,3,4	49,300	0	0
ALTAIR ENGR INC	COM CL A	021369103	1,584	59,760	SH	DFND	1,2,3,4	59,760	0	0
ALTERYX INC	COM CL A	02156B103	4,557	47,883	SH	DFND	1,2,3,4	41,783	0	6,100
ALTICE USA INC	CL A	02156K103	5,284	237,076	SH	DFND	1,2,3,4	193,858	0	43,218
ALTRA INDL MOTION CORP	COM	02208R106	17,978	1,027,915	SH	DFND	1,2,3,4	1,027,840	0	75
ALTRIA GROUP INC	COM	02209S103	200,932	5,196,069	SH	DFND	1,2,3,4	4,828,980	0	367,089
ALTUS MIDSTREAM CO	CL A	02215L100	31	40,700	SH	DFND	1,2,3,4	40,700	0	0
AMALGAMATED BK NEW YORK N Y	CLASS A	022663108	2,124	196,265	SH	DFND	1,2,3,4	196,265	0	0
AMAZON COM INC	COM	023135106	3,417,828	1,752,984	SH	DFND	1,2,3,4	1,581,156	0	171,828
AMBAC FINL GROUP INC	COM NEW	023139884	985	79,840	SH	DFND	1,2,3,4	71,290	0	8,550
AMEDISYS INC	COM	023436108	93,326	508,479	SH	DFND	1,2,3,4	467,404	0	41,075
AMERANT BANCORP INC	CL A	023576101	199	12,900	SH	DFND	1,2,3,4	12,900	0	0
AMERCO	COM	023586100	1,877	6,459	SH	DFND	1,2,3,4	5,329	0	1,130
AMEREN CORP	COM	023608102	48,634	667,769	SH	DFND	1,2,3,4	613,022	0	54,747
AMERESCO INC	CL A	02361E108	399	23,400	SH	DFND	1,2,3,4	23,400	0	0
AMERICA MOVIL SAB DE CV	SPON ADR L SHS	02364W105	149	12,611	SH	DFND	1,2,3,4	12,611	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	8,355	685,432	SH	DFND	1,2,3,4	549,312	0	136,120
AMERICAN ASSETS TR INC	COM	024013104	2,422	96,888	SH	DFND	1,2,3,4	86,618	0	10,270
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	541	149,941	SH	DFND	1,2,3,4	128,791	0	21,150
AMERICAN CAMPUS CMNTYS INC	COM	024835100	126,181	4,547,079	SH	DFND	1,2,3,4	4,166,746	0	380,333
AMERICAN ELEC PWR CO INC	COM	025537101	455,782	5,698,694	SH	DFND	1,2,3,4	5,321,085	0	377,609
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	3,121	392,539	SH	DFND	1,2,3,4	392,539	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	4,985	265,181	SH	DFND	1,2,3,4	248,081	0	17,100
AMERICAN EXPRESS CO	COM	025816109	90,927	1,062,108	SH	DFND	1,2,3,4	907,915	0	154,193
AMERICAN FINL GROUP INC OHIO	COM	025932104	153,656	2,192,587	SH	DFND	1,2,3,4	1,983,953	0	208,634
AMERICAN FIN TR INC	COM CLASS A	02607T109	1,018	162,948	SH	DFND	1,2,3,4	162,948	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	29,366	1,265,785	SH	DFND	1,2,3,4	1,225,941	0	39,844
AMERICAN INTL GROUP INC	COM NEW	026874784	32,894	1,356,460	SH	DFND	1,2,3,4	1,231,293	0	125,167
AMERICAN NATL BANKSHARES INC	COM	027745108	296	12,400	SH	DFND	1,2,3,4	12,400	0	0
AMERICAN NATL INS CO	COM	028591105	423	5,136	SH	DFND	1,2,3,4	4,461	0	675
AMERICAN OUTDOOR BRANDS CORP	COM	02874P103	516	62,135	SH	DFND	1,2,3,4	62,135	0	0
AMERICAN PUBLIC EDUCATION IN	COM	02913V103	548	22,917	SH	DFND	1,2,3,4	20,017	0	2,900
AMERICAN RENAL ASSOCS HLDGS	COM	029227105	252	38,100	SH	DFND	1,2,3,4	38,100	0	0
AMERICAN RIVER BANKSHARES	COM	029326105	1,117	129,565	SH	DFND	1,2,3,4	129,565	0	0
AMERICAN SOFTWARE INC	CL A	029683109	455	31,992	SH	DFND	1,2,3,4	31,992	0	0
AMER STATES WTR CO	COM	029899101	6,405	78,358	SH	DFND	1,2,3,4	70,418	0	7,940
AMERICAN SUPERCONDUCTOR CORP	SHS NEW	030111207	88	16,000	SH	DFND	1,2,3,4	16,000	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	170,647	783,685	SH	DFND	1,2,3,4	657,034	0	126,651
AMERICAN VANGUARD	COM	030371108	542	37,513	SH	DFND	1,2,3,4	32,563	0	4,950

CORP										
AMERICAN WTR WKS CO INC NEW	COM	030420103	138,329	1,156,981	SH	DFND	1,2,3,4	761,715	0	395,266
AMERICAN WOODMARK CORPORATIO	COM	030506109	1,122	24,620	SH	DFND	1,2,3,4	21,100	0	3,520
AMERICAS CAR MART INC	COM	03062T105	465	8,260	SH	DFND	1,2,3,4	7,100	0	1,160
AMERICOLD RLTY TR	COM	03064D108	310,914	9,133,789	SH	DFND	1,2,3,4	8,308,594	0	825,195
AMERISAFE INC	COM	03071H100	1,859	28,833	SH	DFND	1,2,3,4	24,413	0	4,420
AMERISOURCEBERGEN CORP	COM	03073E105	35,514	401,287	SH	DFND	1,2,3,4	316,695	0	84,592
AMERIPRISE FINL INC	COM	03076C106	22,141	216,055	SH	DFND	1,2,3,4	189,777	0	26,278
AMERIS BANCORP	COM	03076K108	2,340	98,488	SH	DFND	1,2,3,4	84,634	0	13,854
AMES NATL CORP	COM	031001100	331	16,210	SH	DFND	1,2,3,4	16,210	0	0
AMETEK INC	COM	031100100	159,873	2,219,840	SH	DFND	1,2,3,4	1,999,755	0	220,085
AMGEN INC	COM	031162100	286,341	1,412,427	SH	DFND	1,2,3,4	1,274,219	0	138,208
AMICUS THERAPEUTICS INC	COM	03152W109	3,308	358,036	SH	DFND	1,2,3,4	358,036	0	0
AMKOR TECHNOLOGY INC	COM	031652100	1,198	153,800	SH	DFND	1,2,3,4	153,800	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	743	213,549	SH	DFND	1,2,3,4	213,549	0	0
AMPHENOL CORP NEW	CL A	032095101	442,398	6,070,219	SH	DFND	1,2,3,4	4,699,748	0	1,370,471
AMPHENOL CORP NEW	CL A	032095101	30,714	421,429	SH	DFND	1,2,3,4,6	369,710	0	51,719
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,606	108,190	SH	DFND	1,2,3,4	101,790	0	6,400
AMPLIFY ENERGY CORP NEW	COM	03212B103	7	12,800	SH	DFND	1,2,3,4	12,800	0	0
AMYRIS INC	COM NEW	03236M200	349	136,400	SH	DFND	1,2,3,4	136,400	0	0
ANALOG DEVICES INC	COM	032654105	59,646	665,322	SH	DFND	1,2,3,4	617,537	0	47,785
ANAPTYSBIO INC	COM	032724106	516	36,486	SH	DFND	1,2,3,4	36,486	0	0
ANAPLAN INC	COM	03272L108	98,368	3,250,758	SH	DFND	1,2,3,4	2,731,229	0	519,529
ANAVEX LIFE SCIENCES CORP	COM NEW	032797300	91	28,900	SH	DFND	1,2,3,4	28,900	0	0
ANDERSONS INC	COM	034164103	838	44,680	SH	DFND	1,2,3,4	38,580	0	6,100
ANGIODYNAMICS INC	COM	03475V101	576	55,250	SH	DFND	1,2,3,4	48,200	0	7,050
ANIKA THERAPEUTICS INC	COM	035255108	656	22,700	SH	DFND	1,2,3,4	20,000	0	2,700
ANIXTER INTL INC	COM	035290105	10,978	124,933	SH	DFND	1,2,3,4	118,423	0	6,510
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	5,603	1,105,035	SH	DFND	1,2,3,4	962,865	0	142,170
ANSYS INC	COM	03662Q105	193,620	832,880	SH	DFND	1,2,3,4	636,182	0	196,698
ANTARES PHARMA INC	COM	036642106	361	153,000	SH	DFND	1,2,3,4	153,000	0	0
ANTERO RESOURCES CORP	COM	03674X106	99	139,042	SH	DFND	1,2,3,4	113,318	0	25,724
ANTHEM INC	COM	036752103	687,827	3,029,542	SH	DFND	1,2,3,4	2,337,527	0	692,015
ANTERO MIDSTREAM CORP	COM	03676B102	1,065	507,121	SH	DFND	1,2,3,4	482,021	0	25,100
ANTERIX INC	COM	03676C100	3,346	73,270	SH	DFND	1,2,3,4	73,270	0	0
ANWORTH MORTGAGE ASSET CP	COM	037347101	147	129,803	SH	DFND	1,2,3,4	129,803	0	0
APACHE CORP	COM	037411105	2,545	608,880	SH	DFND	1,2,3,4	533,979	0	74,901
APARTMENT INVT & MGMT CO	CL A	03748R754	13,967	397,351	SH	DFND	1,2,3,4	338,114	0	59,237
APELLIS PHARMACEUTICALS INC	COM	03753U106	2,015	75,200	SH	DFND	1,2,3,4	75,200	0	0
APERGY CORP	COM	03755L104	828	143,951	SH	DFND	1,2,3,4	136,431	0	7,520
APOGEE ENTERPRISES INC	COM	037598109	848	40,710	SH	DFND	1,2,3,4	35,710	0	5,000
APOLLO COML REAL EST FIN INC	COM	03762U105	1,780	239,917	SH	DFND	1,2,3,4	209,367	0	30,550
APOLLO MED HLDGS INC	COM NEW	03763A207	317	24,500	SH	DFND	1,2,3,4	24,500	0	0
APHRIA INC	COM	03765K104	40	13,000	SH	DFND	1,2,3,4	13,000	0	0
APPIAN CORP	CL A	03782L101	1,890	46,990	SH	DFND	1,2,3,4	46,990	0	0

APPLE INC	COM	037833100	3,109,288	12,227,330	SH	DFND	1,2,3,4	10,851,021	0	1,376,309
APPFOLIO INC	COM CL A	03783C100	2,439	21,980	SH	DFND	1,2,3,4	21,980	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	6,764	737,605	SH	DFND	1,2,3,4	716,785	0	20,820
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	5,118	111,947	SH	DFND	1,2,3,4	103,607	0	8,340
APPLIED MATLS INC	COM	038222105	81,425	1,777,061	SH	DFND	1,2,3,4	1,584,079	0	192,982
APPLIED OPTOELECTRONICS INC	COM	03823U102	199	26,250	SH	DFND	1,2,3,4	22,700	0	3,550
APPLIED THERAPEUTICS INC	COM	03828A101	297	9,100	SH	DFND	1,2,3,4	9,100	0	0
APTARGROUP INC	COM	038336103	10,658	107,073	SH	DFND	1,2,3,4	99,818	0	7,255
APREA THERAPEUTICS INC	COM	03836J102	254	7,300	SH	DFND	1,2,3,4	7,300	0	0
ARAMARK	COM	03852U106	3,288	164,640	SH	DFND	1,2,3,4	133,886	0	30,754
ARCBEST CORP	COM	03937C105	2,294	130,942	SH	DFND	1,2,3,4	126,142	0	4,800
ARCH COAL INC	CL A	039380407	1,340	46,370	SH	DFND	1,2,3,4	46,370	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	41,023	1,166,077	SH	DFND	1,2,3,4	1,068,904	0	97,173
ARCHROCK INC	COM	03957W106	722	191,900	SH	DFND	1,2,3,4	167,900	0	24,000
ARCOSA INC	COM	039653100	2,929	73,703	SH	DFND	1,2,3,4	63,293	0	10,410
ARDELYX INC	COM	039697107	368	64,800	SH	DFND	1,2,3,4	64,800	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	537	38,700	SH	DFND	1,2,3,4	38,700	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	2,051	68,836	SH	DFND	1,2,3,4	68,836	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	65,510	2,118,023	SH	DFND	1,2,3,4	1,928,128	0	189,895
ARENA PHARMACEUTICALS INC	COM NEW	040047607	51,791	1,233,128	SH	DFND	1,2,3,4	1,137,326	0	95,802
ARGAN INC	COM	04010E109	553	16,000	SH	DFND	1,2,3,4	16,000	0	0
ARES CAPITAL CORP	COM	04010L103	427	39,630	SH	DFND	1,2,3,4	39,630	0	0
ARES COML REAL ESTATE CORP	COM	04013V108	288	41,200	SH	DFND	1,2,3,4	41,200	0	0
ARISTA NETWORKS INC	COM	040413106	251,499	1,241,663	SH	DFND	1,2,3,4	1,131,690	0	109,973
ARLINGTON ASSET INVST CORP	CL A NEW	041356205	135	61,800	SH	DFND	1,2,3,4	61,800	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	272	111,858	SH	DFND	1,2,3,4	97,658	0	14,200
ARMADA HOFFLER PPTYS INC	COM	04208T108	21,883	2,045,184	SH	DFND	1,2,3,4	1,747,675	0	297,509
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	807	91,564	SH	DFND	1,2,3,4	77,799	0	13,765
ARMSTRONG FLOORING INC	COM	04238R106	51	35,600	SH	DFND	1,2,3,4	35,600	0	0
ARMSTRONG WORLD INDS INC	COM	04247X102	99,504	1,252,885	SH	DFND	1,2,3,4	1,133,571	0	119,314
ARROW ELECTRS INC	COM	042735100	7,887	152,059	SH	DFND	1,2,3,4	144,023	0	8,036
ARROW FINL CORP	COM	042744102	387	13,878	SH	DFND	1,2,3,4	13,878	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	9,302	323,310	SH	DFND	1,2,3,4	323,310	0	0
ARTESIAN RESOURCES CORP	CL A	043113208	277	7,400	SH	DFND	1,2,3,4	7,400	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	1,532	71,290	SH	DFND	1,2,3,4	71,290	0	0
ARVINAS INC	COM	04335A105	1,020	25,300	SH	DFND	1,2,3,4	25,300	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	1,582	28,641	SH	DFND	1,2,3,4	24,401	0	4,240
ASCENDIS PHARMA A S	SPONSORED ADR	04351P101	56,672	503,257	SH	DFND	1,2,3,4	459,525	0	43,732
ASHFORD HOSPITALITY TR INC	COM SHS	044103109	167	225,908	SH	DFND	1,2,3,4	225,908	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	5,295	105,749	SH	DFND	1,2,3,4	99,851	0	5,898
ASPEN TECHNOLOGY INC	COM	045327103	129,712	1,364,389	SH	DFND	1,2,3,4	1,247,639	0	116,750
ASSEMBLY	COM	045396108	455	30,700	SH	DFND	1,2,3,4	30,700	0	0

BIOSCIENCES INC										
ASSERTIO THERAPEUTICS INC	COM	04545L107	62	96,000	SH	DFND	1,2,3,4	96,000	0	0
ASSETMARK FINL HLDGS INC	COM	04546L106	25,302	1,240,921	SH	DFND	1,2,3,4	1,163,835	0	77,086
ASSOCIATED BANC CORP	COM	045487105	79,361	6,204,933	SH	DFND	1,2,3,4	5,189,784	0	1,015,149
ASSOCIATED CAP GROUP INC	CL A	045528106	513	16,753	SH	DFND	1,2,3,4	16,753	0	0
ASSURANT INC	COM	04621X108	10,096	96,989	SH	DFND	1,2,3,4	84,831	0	12,158
ASTEC INDS INC	COM	046224101	1,082	30,929	SH	DFND	1,2,3,4	25,129	0	5,800
ASTRAZENECA PLC	SPONSORED ADR	046353108	3,557	79,643	SH	DFND	1,2,3,4	72,350	0	7,293
ASTRONICS CORP	COM	046433108	327	35,600	SH	DFND	1,2,3,4	35,600	0	0
AT HOME GROUP INC	COM	04650Y100	127	62,633	SH	DFND	1,2,3,4	61,800	0	833
ATARA BIOTHERAPEUTICS INC	COM	046513107	536	62,940	SH	DFND	1,2,3,4	62,940	0	0
ATHENEX INC	COM	04685N103	608	78,500	SH	DFND	1,2,3,4	78,500	0	0
ATHERSYS INC NEW	COM	04744L106	541	180,400	SH	DFND	1,2,3,4	180,400	0	0
ATKORE INTL GROUP INC	COM	047649108	2,415	114,610	SH	DFND	1,2,3,4	114,610	0	0
ATLANTIC CAP BANCSHARES INC	COM	048269203	286	24,100	SH	DFND	1,2,3,4	24,100	0	0
ATLANTIC POWER CORP	COM NEW	04878Q863	1,313	613,397	SH	DFND	1,2,3,4	613,397	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	2,670	121,940	SH	DFND	1,2,3,4	121,940	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	839	32,672	SH	DFND	1,2,3,4	27,822	0	4,850
ATMOS ENERGY CORP	COM	049560105	19,811	199,651	SH	DFND	1,2,3,4	178,792	0	20,859
ATRICURE INC	COM	04963C209	1,945	57,900	SH	DFND	1,2,3,4	57,900	0	0
ATRECA INC	CL A COM	04965G109	233	14,100	SH	DFND	1,2,3,4	14,100	0	0
ATRION CORP	COM	049904105	1,291	1,986	SH	DFND	1,2,3,4	1,986	0	0
AURORA CANNABIS INC	COM	05156X108	69	76,041	SH	DFND	1,2,3,4	47,564	0	28,477
AUTODESK INC	COM	052769106	54,785	350,960	SH	DFND	1,2,3,4	303,601	0	47,359
AUTOHOME INC	SP ADR RP CL A	05278C107	359	5,057	SH	DFND	1,2,3,4	5,057	0	0
AUTOLIV INC	COM	052800109	211	4,583	SH	DFND	1,2,3,4	4,425	0	158
AUTOMATIC DATA PROCESSING IN	COM	053015103	1,293,724	9,465,349	SH	DFND	1,2,3,4	3,979,705	0	5,485,644
AUTOMATIC DATA PROCESSING IN	COM	053015103	13,074	95,654	SH	DFND	1,2,3,4,6	81,342	0	14,312
AUTONATION INC	COM	05329W102	3,739	133,264	SH	DFND	1,2,3,4	127,845	0	5,419
AUTOZONE INC	COM	053332102	323,018	381,818	SH	DFND	1,2,3,4	347,479	0	34,339
AVALARA INC	COM	05338G106	109,829	1,472,232	SH	DFND	1,2,3,4	1,332,919	0	139,313
AVALONBAY CMNTYS INC	COM	053484101	43,973	298,788	SH	DFND	1,2,3,4	263,958	0	34,830
AVANOS MED INC	COM	05350V106	3,266	121,289	SH	DFND	1,2,3,4	121,289	0	0
AVANGRID INC	COM	05351W103	1,182	26,990	SH	DFND	1,2,3,4	21,509	0	5,481
AVAYA HLDGS CORP	COM	05351X101	19,552	2,416,813	SH	DFND	1,2,3,4	2,392,757	0	24,056
AVANTOR INC	COM	05352A100	2,283	182,765	SH	DFND	1,2,3,4	143,406	0	39,359
AVERY DENNISON CORP	COM	053611109	15,859	155,675	SH	DFND	1,2,3,4	136,107	0	19,568
AVID TECHNOLOGY INC	COM	05367P100	275	40,800	SH	DFND	1,2,3,4	40,800	0	0
AVID BIOSERVICES INC	COM	05368M106	270	52,800	SH	DFND	1,2,3,4	52,800	0	0
AVIS BUDGET GROUP	COM	053774105	1,966	141,467	SH	DFND	1,2,3,4	141,400	0	67
AVISTA CORP	COM	05379B107	7,245	170,505	SH	DFND	1,2,3,4	156,185	0	14,320
AVNET INC	COM	053807103	25,292	1,007,630	SH	DFND	1,2,3,4	881,027	0	126,603
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	756	41,300	SH	DFND	1,2,3,4	35,200	0	6,100
AVROBIO INC	COM	05455M100	442	28,400	SH	DFND	1,2,3,4	28,400	0	0
AXOGEN INC	COM	05463X106	526	50,600	SH	DFND	1,2,3,4	50,600	0	0
AXON ENTERPRISE INC	COM	05464C101	144,453	2,041,164	SH	DFND	1,2,3,4	1,873,568	0	167,596
AXSOME THERAPEUTICS INC	COM	05464T104	17,637	299,791	SH	DFND	1,2,3,4	284,436	0	15,355
AXOS FINL INC	COM	05465C100	3,262	179,904	SH	DFND	1,2,3,4	168,094	0	11,810
AXONICS MODULATION TECHNOLOG	COM	05465P101	572	22,500	SH	DFND	1,2,3,4	22,500	0	0

BBX CAP CORP NEW	CL A	05491N104	45	19,600	SH	DFND	1,2,3,4	19,600	0	0
B & G FOODS INC NEW	COM	05508R106	1,732	95,735	SH	DFND	1,2,3,4	83,685	0	12,050
BCE INC	COM NEW	05534B760	1,842	45,073	SH	DFND	1,2,3,4	44,859	0	214
BGC PARTNERS INC	CL A	05541T101	330	130,990	SH	DFND	1,2,3,4	101,790	0	29,200
BHP GROUP PLC	SPONSORED ADR	05545E209	229	7,533	SH	DFND	1,2,3,4	7,533	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	6,942	272,544	SH	DFND	1,2,3,4	272,544	0	0
BOK FINL CORP	COM NEW	05561Q201	647	15,197	SH	DFND	1,2,3,4	11,930	0	3,267
BRP INC	COM SUN VTG	05577W200	6,123	373,580	SH	DFND	1,2,3,4	292,225	0	81,355
B. RILEY FINANCIAL INC	COM	05580M108	316	17,174	SH	DFND	1,2,3,4	17,174	0	0
BRP GROUP INC	COM CL A	05589G102	155	14,700	SH	DFND	1,2,3,4	14,700	0	0
BMC STK HLDGS INC	COM	05591B109	6,979	393,639	SH	DFND	1,2,3,4	347,349	0	46,290
BWX TECHNOLOGIES INC	COM	05605H100	2,165	44,450	SH	DFND	1,2,3,4	32,251	0	12,199
BADGER METER INC	COM	056525108	3,001	55,992	SH	DFND	1,2,3,4	49,662	0	6,330
BAIDU INC	SPON ADR REP A	056752108	2,568	25,479	SH	DFND	1,2,3,4	25,464	0	15
BAKER HUGHES COMPANY	CL A	05722G100	14,078	1,340,736	SH	DFND	1,2,3,4	1,052,550	0	288,186
BALCHEM CORP	COM	057665200	5,162	52,287	SH	DFND	1,2,3,4	45,367	0	6,920
BALL CORP	COM	058498106	33,133	512,415	SH	DFND	1,2,3,4	435,902	0	76,513
BALLARD PWR SYS INC NEW	COM	058586108	81	10,700	SH	DFND	1,2,3,4	10,700	0	0
BANCFIRST CORP	COM	05945F103	904	27,100	SH	DFND	1,2,3,4	27,100	0	0
BANCO MACRO SA	SPON ADR B	05961W105	210	12,350	SH	DFND	1,2,3,4	0	0	12,350
BANCOLOMBIA S A	SPON ADR PREF	05968L102	2,788	111,711	SH	DFND	1,2,3,4	50,081	0	61,630
BANCORP INC DEL	COM	05969A105	2,192	361,120	SH	DFND	1,2,3,4	361,120	0	0
BANCORP 34 INC	COM	05970V106	2,087	191,498	SH	DFND	1,2,3,4	191,498	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	4,697	248,238	SH	DFND	1,2,3,4	248,238	0	0
BANDWIDTH INC	COM CL A	05988J103	1,312	19,500	SH	DFND	1,2,3,4	19,500	0	0
BANC OF CALIFORNIA INC	COM	05990K106	597	74,602	SH	DFND	1,2,3,4	63,000	0	11,602
BK OF AMERICA CORP	COM	060505104	791,919	37,301,877	SH	DFND	1,2,3,4	34,384,514	0	2,917,363
BK OF AMERICA CORP	7.25%CNV PFD L	060505682	8,171	6,454	SH	DFND	1,2,3,4	1,890	0	4,564
BANK FIRST CORP	COM	06211J100	213	3,800	SH	DFND	1,2,3,4	3,800	0	0
BANK HAWAII CORP	COM	062540109	3,977	71,986	SH	DFND	1,2,3,4	68,017	0	3,969
BANK OF MARIN BANCORP	COM	063425102	11,409	380,314	SH	DFND	1,2,3,4	293,468	0	86,846
BANK MONTREAL	COM	063671101	4,994	99,356	SH	DFND	1,2,3,4	82,704	0	16,652
BANK NEW YORK MELLON CORP	COM	064058100	55,326	1,642,699	SH	DFND	1,2,3,4	1,356,296	0	286,403
BANK NOVA SCOTIA B C	COM	064149107	7,246	178,477	SH	DFND	1,2,3,4	146,604	0	31,873
BANK OZK	COM	06417N103	3,408	204,081	SH	DFND	1,2,3,4	192,064	0	12,017
BANK PRINCETON NEW JERSEY	COM	064520109	3,734	160,605	SH	DFND	1,2,3,4	160,605	0	0
BANKFINANCIAL CORP	COM	06643P104	246	27,921	SH	DFND	1,2,3,4	27,921	0	0
BANKUNITED INC	COM	06652K103	84,129	4,498,871	SH	DFND	1,2,3,4	3,803,898	0	694,973
BANK7 CORP	COM	06652N107	1,427	179,783	SH	DFND	1,2,3,4	179,783	0	0
BANNER CORP	COM NEW	06652V208	1,945	58,880	SH	DFND	1,2,3,4	51,000	0	7,880
BAR HBR BANKSHARES	COM	066849100	263	15,246	SH	DFND	1,2,3,4	15,246	0	0
BARNES & NOBLE ED INC	COM	06777U101	40	29,525	SH	DFND	1,2,3,4	22,275	0	7,250
BARNES GROUP INC	COM	067806109	6,112	146,122	SH	DFND	1,2,3,4	135,852	0	10,270
BARRICK GOLD CORPORATION	COM	067901108	11,152	608,760	SH	DFND	1,2,3,4	608,760	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	1,827	46,090	SH	DFND	1,2,3,4	46,090	0	0
BAUSCH HEALTH COS INC	COM	071734107	852	54,982	SH	DFND	1,2,3,4	54,982	0	0
BAXTER INTL INC	COM	071813109	68,102	838,798	SH	DFND	1,2,3,4	759,044	0	79,754
BAYCOM CORP	COM	07272M107	3,275	271,751	SH	DFND	1,2,3,4	271,751	0	0

BAYTEX ENERGY CORP	COM	07317Q105	17	71,810	SH	DFND	1,2,3,4	71,810	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	1,498	90,543	SH	DFND	1,2,3,4	90,543	0	0
BEAM THERAPEUTICS INC	COM	07373V105	200	11,100	SH	DFND	1,2,3,4	11,100	0	0
BEAZER HOMES USA INC	COM NEW	07556Q881	283	43,900	SH	DFND	1,2,3,4	43,900	0	0
BECTON DICKINSON & CO	COM	075887109	94,821	412,679	SH	DFND	1,2,3,4	372,009	0	40,670
BED BATH & BEYOND INC	COM	075896100	1,272	302,239	SH	DFND	1,2,3,4	302,239	0	0
BEIGENE LTD	SPONSORED ADR	07725L102	37,325	303,188	SH	DFND	1,2,3,4	278,144	0	25,044
BEL FUSE INC	CL B	077347300	129	13,200	SH	DFND	1,2,3,4	11,300	0	1,900
BELDEN INC	COM	077454106	83,098	2,303,148	SH	DFND	1,2,3,4	1,923,586	0	379,562
BELLRING BRANDS INC	COM CL A	079823100	818	47,990	SH	DFND	1,2,3,4	47,990	0	0
BENCHMARK ELECTRS INC	COM	08160H101	1,401	70,066	SH	DFND	1,2,3,4	61,952	0	8,114
BENEFITFOCUS INC	COM	08180D106	563	63,180	SH	DFND	1,2,3,4	63,180	0	0
BENEFYTT TECHNOLOGIES INC	COM CL A	08182C106	1,672	74,660	SH	DFND	1,2,3,4	74,660	0	0
BERKLEY W R CORP	COM	084423102	12,361	236,933	SH	DFND	1,2,3,4	211,899	0	25,034
BERKSHIRE HATHAWAY INC DEL	CL A	084670108	816	3	SH	DFND	1,2,3,4	1	0	2
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	1,701,206	9,304,849	SH	DFND	1,2,3,4	8,476,682	0	828,167
BERKSHIRE HILLS BANCORP INC	COM	084680107	1,156	77,813	SH	DFND	1,2,3,4	68,213	0	9,600
BERRY GLOBAL GROUP INC	COM	08579W103	87,880	2,606,937	SH	DFND	1,2,3,4	2,545,453	0	61,484
BERRY CORP	COM	08579X101	9,184	3,810,620	SH	DFND	1,2,3,4	3,810,620	0	0
BEST BUY INC	COM	086516101	25,005	438,686	SH	DFND	1,2,3,4	336,383	0	102,303
BHP GROUP LTD	SPONSORED ADS	088606108	15,884	432,911	SH	DFND	1,2,3,4	432,308	0	603
BEYOND MEAT INC	COM	08862E109	1,818	27,300	SH	DFND	1,2,3,4	22,600	0	4,700
BIG LOTS INC	COM	089302103	880	61,860	SH	DFND	1,2,3,4	54,560	0	7,300
BILIBILI INC	SPONS ADS REP Z	090040106	4,285	182,961	SH	DFND	1,2,3,4	51,700	0	131,261
BIO RAD LABS INC	CL A	090572207	134,784	384,481	SH	DFND	1,2,3,4	247,130	0	137,351
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	483	241,320	SH	DFND	1,2,3,4	241,320	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	341	90,000	SH	DFND	1,2,3,4	90,000	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	8,571	101,432	SH	DFND	1,2,3,4	72,480	0	28,952
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	154	16,200	SH	DFND	1,2,3,4	16,200	0	0
BIOGEN INC	COM	09062X103	100,227	316,793	SH	DFND	1,2,3,4	265,379	0	51,414
BIOTELEMETRY INC	COM	090672106	4,999	129,810	SH	DFND	1,2,3,4	123,410	0	6,400
BIO-TECHNE CORP	COM	09073M104	12,143	64,038	SH	DFND	1,2,3,4	58,818	0	5,220
BIOXCEL THERAPEUTICS INC	COM	09075P105	275	12,300	SH	DFND	1,2,3,4	12,300	0	0
BIOSPECIFICS TECHNOLOGIES CO	COM	090931106	441	7,800	SH	DFND	1,2,3,4	7,800	0	0
BJS RESTAURANTS INC	COM	09180C106	614	44,219	SH	DFND	1,2,3,4	40,620	0	3,599
BLACK DIAMOND THERAPEUTICS I	COM	09203E105	222	8,900	SH	DFND	1,2,3,4	8,900	0	0
BLACK HILLS CORP	COM	092113109	91,725	1,432,533	SH	DFND	1,2,3,4	1,158,484	0	274,049
BLACK KNIGHT INC	COM	09215C105	5,339	91,951	SH	DFND	1,2,3,4	71,460	0	20,491
BLACKBAUD INC	COM	09227Q100	7,329	131,935	SH	DFND	1,2,3,4	131,935	0	0
BLACKBERRY LTD	COM	09228F103	362	87,591	SH	DFND	1,2,3,4	74,026	0	13,565
BLACKLINE INC	COM	09239B109	32,711	621,764	SH	DFND	1,2,3,4	588,274	0	33,490
BLACKROCK INC	COM	09247X101	154,202	350,483	SH	DFND	1,2,3,4	280,822	0	69,661
BLACKROCK MUNI INCOME INV QL	COM	09250G102	250	17,968	SH	DFND	1,2,3,4	17,968	0	0
BLACKROCK MUNIYIELD INVT FD	COM	09254R104	175	13,189	SH	DFND	1,2,3,4	13,189	0	0
BLACKSTONE MTG TR	COM CL A	09257W100	3,402	182,722	SH	DFND	1,2,3,4	182,700	0	22

INC										
BLACKSTONE GROUP INC	COM CL A	09260D107	8,208	180,125	SH	DFND	1,2,3,4	134,117	0	46,008
BLOCK H & R INC	COM	093671105	4,638	329,390	SH	DFND	1,2,3,4	256,081	0	73,309
BLOOM ENERGY CORP	COM CL A	093712107	2,488	475,760	SH	DFND	1,2,3,4	220,771	0	254,989
BLOOMIN BRANDS INC	COM	094235108	1,143	160,149	SH	DFND	1,2,3,4	141,049	0	19,100
BLUCORA INC	COM	095229100	829	68,760	SH	DFND	1,2,3,4	57,920	0	10,840
BLUE BIRD CORP	COM	095306106	156	14,300	SH	DFND	1,2,3,4	14,300	0	0
BLUE RIDGE BANKSHARES INC VA	COM	095825105	1,461	91,584	SH	DFND	1,2,3,4	91,584	0	0
BLUEBIRD BIO INC	COM	09609G100	3,430	74,640	SH	DFND	1,2,3,4	45,640	0	29,000
BLUELINX HLDGS INC	COM NEW	09624H208	52	10,600	SH	DFND	1,2,3,4	10,600	0	0
BLUEROCK RESIDENTIAL GRW REI	COM CL A	09627J102	2,698	484,440	SH	DFND	1,2,3,4	484,440	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	63,471	1,085,347	SH	DFND	1,2,3,4	1,001,615	0	83,732
BLUEGREEN VACATIONS CORP	COM	09629F108	129	22,300	SH	DFND	1,2,3,4	22,300	0	0
BOEING CO	COM	097023105	120,477	807,812	SH	DFND	1,2,3,4	694,392	0	113,420
BOGOTA FINL CORP	COM	097235105	1,240	179,640	SH	DFND	1,2,3,4	179,640	0	0
BOINGO WIRELESS INC	COM	09739C102	1,028	96,900	SH	DFND	1,2,3,4	96,900	0	0
BOISE CASCADE CO DEL	COM	09739D100	2,691	113,175	SH	DFND	1,2,3,4	104,729	0	8,446
BONANZA CREEK ENERGY INC	COM NEW	097793400	305	27,125	SH	DFND	1,2,3,4	23,675	0	3,450
BOOKING HLDGS INC	COM	09857L108	412,185	306,384	SH	DFND	1,2,3,4	280,286	0	26,098
BOOT BARN HLDGS INC	COM	099406100	493	38,150	SH	DFND	1,2,3,4	32,800	0	5,350
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	94,604	1,378,264	SH	DFND	1,2,3,4	1,276,859	0	101,405
BORGWARNER INC	COM	099724106	23,955	982,976	SH	DFND	1,2,3,4	937,346	0	45,630
BOSTON BEER INC	CL A	100557107	11,994	32,631	SH	DFND	1,2,3,4	32,631	0	0
BOSTON OMAHA CORP	COM	101044105	205	11,300	SH	DFND	1,2,3,4	11,300	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	991	138,648	SH	DFND	1,2,3,4	122,998	0	15,650
BOSTON PROPERTIES INC	COM	101121101	46,607	505,332	SH	DFND	1,2,3,4	472,532	0	32,800
BOSTON SCIENTIFIC CORP	COM	101137107	207,118	6,347,463	SH	DFND	1,2,3,4	5,975,541	0	371,922
BOTTOMLINE TECH DEL INC	COM	101388106	2,433	66,388	SH	DFND	1,2,3,4	58,078	0	8,310
BOX INC	CL A	10316T104	3,051	217,330	SH	DFND	1,2,3,4	217,330	0	0
BOYD GAMING CORP	COM	103304101	3,004	208,290	SH	DFND	1,2,3,4	208,290	0	0
BRADY CORP	CL A	104674106	3,452	76,482	SH	DFND	1,2,3,4	65,812	0	10,670
BRAEMAR HOTELS & RESORTS INC	COM	10482B101	102	59,866	SH	DFND	1,2,3,4	59,866	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	2,038	193,744	SH	DFND	1,2,3,4	176,494	0	17,250
BRF SA	SPONSORED ADR	10552T107	471	162,322	SH	DFND	1,2,3,4	162,322	0	0
BRIDGE BANCORP INC	COM	108035106	366	17,281	SH	DFND	1,2,3,4	17,281	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	2,889	99,617	SH	DFND	1,2,3,4	99,617	0	0
BRIDGEWATER BANCSHARES INC	COM ACCD INV	108621103	4,714	483,442	SH	DFND	1,2,3,4	483,442	0	0
BRIGGS & STRATTON CORP	COM	109043109	116	64,315	SH	DFND	1,2,3,4	56,365	0	7,950
BRIGHAM MINERALS INC	CL A COM	10918L103	225	27,200	SH	DFND	1,2,3,4	27,200	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	179,833	1,763,072	SH	DFND	1,2,3,4	1,371,617	0	391,455
BRIGHTCOVE INC	COM	10921T101	299	42,900	SH	DFND	1,2,3,4	42,900	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	4,492	185,847	SH	DFND	1,2,3,4	175,161	0	10,686
BRIGHTVIEW HLDGS INC	COM	10948C107	407	36,800	SH	DFND	1,2,3,4	36,800	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	680	106,360	SH	DFND	1,2,3,4	106,360	0	0
BRINKER INTL INC	COM	109641100	1,059	88,181	SH	DFND	1,2,3,4	88,181	0	0

BRINKS CO	COM	109696104	9,911	190,407	SH	DFND	1,2,3,4	190,407	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	310,747	5,574,939	SH	DFND	1,2,3,4	4,773,579	0	801,360
BRITISH AMERN TOB PLC	SPONSORED ADR	110448107	22,574	660,266	SH	DFND	1,2,3,4	622,881	0	37,385
BRIXMOR PPTY GROUP INC	COM	11120U105	37,724	3,970,977	SH	DFND	1,2,3,4	3,922,809	0	48,168
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	63,012	664,469	SH	DFND	1,2,3,4	625,172	0	39,297
BROADCOM INC	COM	11135F101	259,607	1,094,928	SH	DFND	1,2,3,4	972,163	0	122,765
BROOKDALE SR LIVING INC	COM	112463104	809	259,150	SH	DFND	1,2,3,4	259,150	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	4,463	100,854	SH	DFND	1,2,3,4	100,854	0	0
BROOKFIELD PPTY REIT INC	CL A	11282X103	691	81,414	SH	DFND	1,2,3,4	72,537	0	8,877
BROOKLINE BANCORP INC DEL	COM	11373M107	1,357	120,281	SH	DFND	1,2,3,4	104,471	0	15,810
BROOKS AUTOMATION INC NEW	COM	114340102	3,784	124,076	SH	DFND	1,2,3,4	108,555	0	15,521
BROWN & BROWN INC	COM	115236101	16,004	441,859	SH	DFND	1,2,3,4	417,804	0	24,055
BROWN FORMAN CORP	CL A	115637100	1,746	33,991	SH	DFND	1,2,3,4	28,185	0	5,806
BROWN FORMAN CORP	CL B	115637209	18,411	331,673	SH	DFND	1,2,3,4	267,341	0	64,332
BRUKER CORP	COM	116794108	60,947	1,699,588	SH	DFND	1,2,3,4	911,606	0	787,982
BRUNSWICK CORP	COM	117043109	57,171	1,616,380	SH	DFND	1,2,3,4	1,396,224	0	220,156
BRYN MAWR BK CORP	COM	117665109	567	19,980	SH	DFND	1,2,3,4	19,980	0	0
B2GOLD CORP	COM	11777Q209	174	57,000	SH	DFND	1,2,3,4	57,000	0	0
BUCKLE INC	COM	118440106	449	32,724	SH	DFND	1,2,3,4	26,389	0	6,335
BUILDERS FIRSTSOURCE INC	COM	12008R107	3,444	281,598	SH	DFND	1,2,3,4	281,598	0	0
BURLINGTON STORES INC	COM	122017106	391,616	2,471,384	SH	DFND	1,2,3,4	2,258,137	0	213,247
BUSINESS FIRST BANCSHARES IN	COM	12326C105	817	60,522	SH	DFND	1,2,3,4	60,522	0	0
BYLINE BANCORP INC	COM	124411109	212	20,400	SH	DFND	1,2,3,4	20,400	0	0
CAE INC	COM	124765108	630	49,958	SH	DFND	1,2,3,4	43,054	0	6,904
CAI INTERNATIONAL INC	COM	12477X106	178	12,600	SH	DFND	1,2,3,4	12,600	0	0
CBIZ INC	COM	124805102	1,494	71,420	SH	DFND	1,2,3,4	71,420	0	0
CBTX INC	COM	12481V104	1,647	92,658	SH	DFND	1,2,3,4	92,658	0	0
CBL & ASSOC PPTYS INC	COM	124830100	72	360,827	SH	DFND	1,2,3,4	328,227	0	32,600
CBM BANCORP INC	COM	1248XT104	2,562	221,225	SH	DFND	1,2,3,4	221,225	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	15,605	174,843	SH	DFND	1,2,3,4	151,681	0	23,162
CBRE GROUP INC	CL A	12504L109	310,841	8,242,941	SH	DFND	1,2,3,4	6,906,974	0	1,335,967
CDK GLOBAL INC	COM	12508E101	37,992	1,156,529	SH	DFND	1,2,3,4	1,085,161	0	71,368
CECO ENVIRONMENTAL CORP	COM	125141101	148	31,600	SH	DFND	1,2,3,4	31,600	0	0
CDW CORP	COM	12514G108	301,398	3,231,457	SH	DFND	1,2,3,4	2,742,615	0	488,842
CDW CORP	COM	12514G108	21,713	232,802	SH	DFND	1,2,3,4,6	207,521	0	25,281
CF INDS HLDGS INC	COM	125269100	12,053	443,125	SH	DFND	1,2,3,4	403,808	0	39,317
CGI INC	CL A SUB VTG	12532H104	3,246	59,651	SH	DFND	1,2,3,4	53,421	0	6,230
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	112,010	1,691,991	SH	DFND	1,2,3,4	1,539,265	0	152,726
CIGNA CORP NEW	COM	125523100	318,435	1,797,239	SH	DFND	1,2,3,4	1,714,677	0	82,562
CIT GROUP INC	COM NEW	125581801	2,775	160,763	SH	DFND	1,2,3,4	150,818	0	9,945
CME GROUP INC	COM	12572Q105	229,398	1,326,693	SH	DFND	1,2,3,4	1,124,985	0	201,708
CMS ENERGY CORP	COM	125896100	37,580	639,657	SH	DFND	1,2,3,4	563,342	0	76,315
CNA FINL CORP	COM	126117100	732	23,587	SH	DFND	1,2,3,4	20,792	0	2,795
CNB FINL CORP PA	COM	126128107	339	17,940	SH	DFND	1,2,3,4	17,940	0	0
CRA INTL INC	COM	12618T105	254	7,600	SH	DFND	1,2,3,4	7,600	0	0
CNO FINL GROUP INC	COM	12621E103	4,966	400,772	SH	DFND	1,2,3,4	400,772	0	0
CSG SYS INTL INC	COM	126349109	6,269	149,786	SH	DFND	1,2,3,4	119,817	0	29,969
CSW INDUSTRIALS INC	COM	126402106	1,141	17,600	SH	DFND	1,2,3,4	17,600	0	0
CSX CORP	COM	126408103	82,560	1,440,840	SH	DFND	1,2,3,4	1,270,758	0	170,082

CTS CORP	COM	126501105	1,242	49,900	SH	DFND	1,2,3,4	43,800	0	6,100
CNX RESOURCES CORPORATION	COM	12653C108	2,472	464,695	SH	DFND	1,2,3,4	464,695	0	0
CVB FINL CORP	COM	126600105	4,292	214,064	SH	DFND	1,2,3,4	185,328	0	28,736
CVR ENERGY INC	COM	12662P108	2,898	175,334	SH	DFND	1,2,3,4	95,050	0	80,284
CVS HEALTH CORP	COM	126650100	123,531	2,082,104	SH	DFND	1,2,3,4	1,836,401	0	245,703
CABLE ONE INC	COM	12685J105	13,762	8,371	SH	DFND	1,2,3,4	7,744	0	627
CABOT CORP	COM	127055101	2,512	96,186	SH	DFND	1,2,3,4	90,448	0	5,738
CABOT OIL & GAS CORP	COM	127097103	15,670	911,559	SH	DFND	1,2,3,4	664,225	0	247,334
CABOT MICROELECTRONICS CORP	COM	12709P103	8,823	77,303	SH	DFND	1,2,3,4	77,263	0	40
CACI INTL INC	CL A	127190304	12,022	56,934	SH	DFND	1,2,3,4	54,434	0	2,500
CACTUS INC	CL A	127203107	4,739	408,529	SH	DFND	1,2,3,4	363,113	0	45,416
CADENCE DESIGN SYSTEM INC	COM	127387108	31,620	478,794	SH	DFND	1,2,3,4	412,997	0	65,797
CADENCE BANCORPORATION	CL A	12739A100	1,889	288,428	SH	DFND	1,2,3,4	260,812	0	27,616
CADIZ INC	COM NEW	127537207	214	18,300	SH	DFND	1,2,3,4	18,300	0	0
CAESARS ENTMT CORP	COM	127686103	13,617	2,014,362	SH	DFND	1,2,3,4	1,957,162	0	57,200
CAESARS ENTMT CORP	NOTE 5.000%10/0	127686AA1	569	533,382	PRN	DFND	1,2,3,4	533,382	0	0
CAL MAINE FOODS INC	COM NEW	128030202	2,384	54,216	SH	DFND	1,2,3,4	47,386	0	6,830
CALAMP CORP	COM	128126109	211	46,920	SH	DFND	1,2,3,4	40,520	0	6,400
CALAVO GROWERS INC	COM	128246105	4,058	70,333	SH	DFND	1,2,3,4	66,685	0	3,648
CALERES INC	COM	129500104	377	72,497	SH	DFND	1,2,3,4	64,847	0	7,650
CALIFORNIA BANCORP	COM	13005U101	4,767	407,450	SH	DFND	1,2,3,4	407,450	0	0
CALIFORNIA RES CORP	COM NEW	13057Q206	61	61,405	SH	DFND	1,2,3,4	61,365	0	40
CALIFORNIA WTR SVC GROUP	COM	130788102	5,153	102,397	SH	DFND	1,2,3,4	92,057	0	10,340
CALITHERA BIOSCIENCES INC	COM	13089P101	268	60,300	SH	DFND	1,2,3,4	60,300	0	0
CALIX INC	COM	13100M509	403	56,900	SH	DFND	1,2,3,4	56,900	0	0
CALLAWAY GOLF CO	COM	131193104	54,019	5,285,598	SH	DFND	1,2,3,4	4,372,739	0	912,859
CALLON PETE CO DEL	COM	13123X102	327	596,781	SH	DFND	1,2,3,4	523,342	0	73,439
CALYXT INC	COM	13173L107	73	21,900	SH	DFND	1,2,3,4	21,900	0	0
CAMDEN NATL CORP	COM	133034108	701	22,275	SH	DFND	1,2,3,4	22,275	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	97,486	1,230,267	SH	DFND	1,2,3,4	1,087,347	0	142,920
CAMECO CORP	COM	13321L108	366	47,937	SH	DFND	1,2,3,4	46,877	0	1,060
CAMPBELL SOUP CO	COM	134429109	16,791	363,748	SH	DFND	1,2,3,4	326,830	0	36,918
CAMPING WORLD HLDGS INC	CL A	13462K109	407	71,600	SH	DFND	1,2,3,4	71,600	0	0
CANADIAN IMP BK COMM	COM	136069101	3,803	65,605	SH	DFND	1,2,3,4	53,974	0	11,631
CANADIAN NATL RY CO	COM	136375102	26,529	341,731	SH	DFND	1,2,3,4	227,758	0	113,973
CANADIAN NAT RES LTD	COM	136385101	3,436	253,562	SH	DFND	1,2,3,4	252,940	0	622
CANADIAN PAC RY LTD	COM	13645T100	3,926	17,881	SH	DFND	1,2,3,4	17,881	0	0
CANADIAN SOLAR INC	COM	136635109	1,564	98,294	SH	DFND	1,2,3,4	98,294	0	0
CANNAE HLDGS INC	COM	13765N107	3,093	92,368	SH	DFND	1,2,3,4	92,361	0	7
CANOPY GROWTH CORP	COM	138035100	375	26,006	SH	DFND	1,2,3,4	20,549	0	5,457
CANTEL MEDICAL CORP	COM	138098108	2,264	63,055	SH	DFND	1,2,3,4	58,555	0	4,500
CAPITAL CITY BK GROUP INC	COM	139674105	386	19,200	SH	DFND	1,2,3,4	19,200	0	0
CAPITAL BANCORP INC MD	COM	139737100	2,699	215,589	SH	DFND	1,2,3,4	215,589	0	0
CAPITAL ONE FINL CORP	COM	14040H105	62,177	1,233,172	SH	DFND	1,2,3,4	1,124,715	0	108,457
CAPITOL FED FINL INC	COM	14057J101	2,077	178,926	SH	DFND	1,2,3,4	178,926	0	0
CAPSTEAD MTG CORP	COM NO PAR	14067E506	567	134,967	SH	DFND	1,2,3,4	112,347	0	22,620
CAPSTAR FINL HLDGS INC	COM	14070T102	292	29,497	SH	DFND	1,2,3,4	29,497	0	0
CARA THERAPEUTICS INC	COM	140755109	602	45,600	SH	DFND	1,2,3,4	45,600	0	0
CARDINAL HEALTH INC	COM	14149Y108	26,958	562,322	SH	DFND	1,2,3,4	423,605	0	138,717

CARDIOVASCULAR SYS INC DEL	COM	141619106	1,729	49,100	SH	DFND	1,2,3,4	42,500	0	6,600
CARDLYTICS INC	COM	14161W105	598	17,100	SH	DFND	1,2,3,4	17,100	0	0
CAREDX INC	COM	14167L103	1,327	60,800	SH	DFND	1,2,3,4	60,800	0	0
CARETRUST REIT INC	COM	14174T107	4,760	321,816	SH	DFND	1,2,3,4	301,296	0	20,520
CARGURUS INC	COM CL A	141788109	8,166	431,150	SH	DFND	1,2,3,4	431,150	0	0
CARLISLE COS INC	COM	142339100	103,197	823,727	SH	DFND	1,2,3,4	747,378	0	76,349
CARMAX INC	COM	143130102	13,877	257,790	SH	DFND	1,2,3,4	222,304	0	35,486
CARLYLE GROUP INC	COM	14316J108	1,547	71,467	SH	DFND	1,2,3,4	71,467	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	1,015	77,089	SH	DFND	1,2,3,4	77,089	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	8,578	651,328	SH	DFND	1,2,3,4	574,747	0	76,581
CAROLINA FINL CORP NEW	COM	143873107	12,938	500,134	SH	DFND	1,2,3,4	500,134	0	0
CARRIAGE SVCS INC	COM	143905107	263	16,300	SH	DFND	1,2,3,4	16,300	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	46,104	2,364,303	SH	DFND	1,2,3,4	1,972,481	0	391,822
CARROLS RESTAURANT GROUP INC	COM	14574X104	61	33,400	SH	DFND	1,2,3,4	33,400	0	0
CARS COM INC	COM	14575E105	480	111,714	SH	DFND	1,2,3,4	111,581	0	133
CARTER BK & TR MARTINSVILLE	COM	146102108	12,392	1,349,861	SH	DFND	1,2,3,4	1,042,984	0	306,877
CARTERS INC	COM	146229109	4,994	75,979	SH	DFND	1,2,3,4	70,993	0	4,986
CARVANA CO	CL A	146869102	1,325	24,057	SH	DFND	1,2,3,4	17,957	0	6,100
CASA SYS INC	COM	14713L102	16,931	4,837,539	SH	DFND	1,2,3,4	3,755,926	0	1,081,613
CASELLA WASTE SYS INC	CL A	147448104	2,410	61,700	SH	DFND	1,2,3,4	61,700	0	0
CASEYS GEN STORES INC	COM	147528103	61,057	460,843	SH	DFND	1,2,3,4	412,607	0	48,236
CASI PHARMACEUTICALS INC	COM	14757U109	120	59,000	SH	DFND	1,2,3,4	59,000	0	0
CASS INFORMATION SYS INC	COM	14808P109	691	19,666	SH	DFND	1,2,3,4	19,666	0	0
CASTLIGHT HEALTH INC	CL B	14862Q100	98	135,550	SH	DFND	1,2,3,4	135,550	0	0
CATALENT INC	COM	148806102	14,588	280,814	SH	DFND	1,2,3,4	266,114	0	14,700
CATALYST PHARMACEUTICALS INC	COM	14888U101	573	148,800	SH	DFND	1,2,3,4	148,800	0	0
CATASYS INC	COM PAR	149049504	218	14,300	SH	DFND	1,2,3,4	14,300	0	0
CATERPILLAR INC DEL	COM	149123101	97,224	837,851	SH	DFND	1,2,3,4	755,163	0	82,688
CATCHMARK TIMBER TR INC	CL A	14912Y202	944	130,784	SH	DFND	1,2,3,4	130,784	0	0
CATHAY GEN BANCORP	COM	149150104	7,483	326,066	SH	DFND	1,2,3,4	326,066	0	0
CATO CORP NEW	CL A	149205106	392	36,773	SH	DFND	1,2,3,4	32,723	0	4,050
CAVCO INDS INC DEL	COM	149568107	1,952	13,470	SH	DFND	1,2,3,4	11,500	0	1,970
CEDAR REALTY TRUST INC	COM NEW	150602209	140	150,404	SH	DFND	1,2,3,4	134,254	0	16,150
CEL SCI CORP	COM PAR NEW	150837607	452	39,200	SH	DFND	1,2,3,4	39,200	0	0
CELANESE CORP DEL	COM	150870103	14,672	199,920	SH	DFND	1,2,3,4	175,383	0	24,537
CELESTICA INC	SUB VTG SHS	15101Q108	51	14,699	SH	DFND	1,2,3,4	14,699	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	120	28,500	SH	DFND	1,2,3,4	28,500	0	0
CENTENE CORP DEL	COM	15135B101	55,913	941,139	SH	DFND	1,2,3,4	806,764	0	134,375
CENOVUS ENERGY INC	COM	15135U109	305	150,989	SH	DFND	1,2,3,4	123,716	0	27,273
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	35	131,980	SH	DFND	1,2,3,4	113,080	0	18,900
CENTERPOINT ENERGY INC	COM	15189T107	16,195	1,048,222	SH	DFND	1,2,3,4	856,932	0	191,290
CENTERSTATE BK CORP	COM	15201P109	3,782	219,502	SH	DFND	1,2,3,4	219,502	0	0
CENTRAL FED CORP	COM NEW PAR	15346Q400	4,587	436,018	SH	DFND	1,2,3,4	436,018	0	0
CENTRAL GARDEN & PET CO	COM	153527106	345	12,550	SH	DFND	1,2,3,4	10,700	0	1,850
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	1,514	59,199	SH	DFND	1,2,3,4	49,759	0	9,440
CENTRAL PAC FINL	COM NEW	154760409	774	48,700	SH	DFND	1,2,3,4	41,800	0	6,900

CORP										
CENTRAL VALLEY CMNTY BANCORP	COM	155685100	160	12,300	SH	DFND	1,2,3,4	12,300	0	0
CENTURY ALUM CO	COM	156431108	397	109,538	SH	DFND	1,2,3,4	92,693	0	16,845
CENTURY BANCORP INC MASS	CL A NON VTG	156432106	268	4,300	SH	DFND	1,2,3,4	4,300	0	0
CENTURY CASINOS INC	COM	156492100	38	15,600	SH	DFND	1,2,3,4	15,600	0	0
CENTURY CMNTYS INC	COM	156504300	557	38,390	SH	DFND	1,2,3,4	31,500	0	6,890
CENTURYLINK INC	COM	156700106	16,312	1,724,329	SH	DFND	1,2,3,4	1,517,846	0	206,483
CERENCE INC	COM	156727109	10,102	655,954	SH	DFND	1,2,3,4	554,321	0	101,633
CERIDIAN HCM HLDG INC	COM	15677J108	8,486	169,482	SH	DFND	1,2,3,4	157,582	0	11,900
CERNER CORP	COM	156782104	42,811	679,641	SH	DFND	1,2,3,4	532,043	0	147,598
CERUS CORP	COM	157085101	792	170,300	SH	DFND	1,2,3,4	170,300	0	0
CEVA INC	COM	157210105	688	27,610	SH	DFND	1,2,3,4	22,450	0	5,160
CHANGE HEALTHCARE INC	COM	15912K100	815	81,562	SH	DFND	1,2,3,4	59,906	0	21,656
CHANNELADVISOR CORP	COM	159179100	215	29,550	SH	DFND	1,2,3,4	29,550	0	0
CHARLES RIV LABS INTL INC	COM	159864107	9,988	79,140	SH	DFND	1,2,3,4	72,546	0	6,594
CHART INDS INC	COM PAR \$0.01	16115Q308	42,407	1,463,317	SH	DFND	1,2,3,4	1,368,798	0	94,519
CHARTER COMMUNICATIONS INC N	CL A	16119P108	189,656	434,682	SH	DFND	1,2,3,4	360,077	0	74,605
CHASE CORP	COM	16150R104	708	8,600	SH	DFND	1,2,3,4	8,600	0	0
CHATHAM LODGING TR	COM	16208T102	601	101,162	SH	DFND	1,2,3,4	92,362	0	8,800
CHEESECAKE FACTORY INC	COM	163072101	1,786	104,591	SH	DFND	1,2,3,4	104,591	0	0
CHEFS WHSE INC	COM	163086101	524	52,010	SH	DFND	1,2,3,4	45,800	0	6,210
CHEGG INC	COM	163092109	136,869	3,825,294	SH	DFND	1,2,3,4	3,502,114	0	323,180
CHEMED CORP NEW	COM	16359R103	14,903	34,402	SH	DFND	1,2,3,4	32,202	0	2,200
CHEMOCENTRYX INC	COM	16383L106	4,126	102,680	SH	DFND	1,2,3,4	102,680	0	0
CHEMOURS CO	COM	163851108	2,670	300,986	SH	DFND	1,2,3,4	284,752	0	16,234
CHEMUNG FINL CORP	COM	164024101	1,024	31,061	SH	DFND	1,2,3,4	31,061	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	5,257	156,914	SH	DFND	1,2,3,4	123,276	0	33,638
CHERRY HILL MTG INVT CORP	COM	164651101	154	24,800	SH	DFND	1,2,3,4	24,800	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	76	441,352	SH	DFND	1,2,3,4	310,682	0	130,670
CHESAPEAKE UTILS CORP	COM	165303108	3,509	40,946	SH	DFND	1,2,3,4	40,946	0	0
CHEVRON CORP NEW	COM	166764100	459,094	6,335,833	SH	DFND	1,2,3,4	5,933,722	0	402,111
CHICOS FAS INC	COM	168615102	163	126,100	SH	DFND	1,2,3,4	103,800	0	22,300
CHILDRENS PL INC	COM	168905107	569	29,084	SH	DFND	1,2,3,4	25,643	0	3,441
CHIMERA INVT CORP	COM NEW	16934Q208	1,123	123,419	SH	DFND	1,2,3,4	104,994	0	18,425
CHIMERIX INC	COM	16934W106	105	73,000	SH	DFND	1,2,3,4	73,000	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	72,117	110,204	SH	DFND	1,2,3,4	97,090	0	13,114
CHOICE HOTELS INTL INC	COM	169905106	3,414	55,737	SH	DFND	1,2,3,4	51,949	0	3,788
CHROMADEX CORP	COM NEW	171077407	67	20,600	SH	DFND	1,2,3,4	20,600	0	0
CHURCH & DWIGHT INC	COM	171340102	24,577	382,938	SH	DFND	1,2,3,4	331,355	0	51,583
CHURCHILL DOWNS INC	COM	171484108	16,077	156,166	SH	DFND	1,2,3,4	116,166	0	40,000
CHUYS HLDGS INC	COM	171604101	160	15,900	SH	DFND	1,2,3,4	12,800	0	3,100
CIENA CORP	COM NEW	171779309	169,427	4,255,893	SH	DFND	1,2,3,4	3,019,211	0	1,236,682
CIMAREX ENERGY CO	COM	171798101	12,172	723,242	SH	DFND	1,2,3,4	584,621	0	138,621
CINCINNATI BELL INC NEW	COM NEW	171871502	906	61,886	SH	DFND	1,2,3,4	52,436	0	9,450
CINCINNATI FINL CORP	COM	172062101	18,616	246,735	SH	DFND	1,2,3,4	220,216	0	26,519
CINEMARK HOLDINGS INC	COM	17243V102	1,808	177,456	SH	DFND	1,2,3,4	166,729	0	10,727
CIRCOR INTL INC	COM	17273K109	344	29,571	SH	DFND	1,2,3,4	25,821	0	3,750
CIRRUS LOGIC INC	COM	172755100	14,197	216,325	SH	DFND	1,2,3,4	216,325	0	0
CISCO SYS INC	COM	17275R102	586,676	14,924,357	SH	DFND	1,2,3,4	13,557,214	0	1,367,143

CINTAS CORP	COM	172908105	24,942	143,989	SH	DFND	1,2,3,4	116,661	0	27,328
CITIZENS & NORTHN CORP	COM	172922106	322	16,102	SH	DFND	1,2,3,4	16,102	0	0
CITIGROUP INC	COM NEW	172967424	601,017	14,269,166	SH	DFND	1,2,3,4	12,556,247	0	1,712,919
CITI TRENDS INC	COM	17306X102	10,248	1,151,414	SH	DFND	1,2,3,4	912,100	0	239,314
CITIZENS FINANCIAL GROUP INC	COM	174610105	16,190	860,710	SH	DFND	1,2,3,4	655,900	0	204,810
CITIZENS INC	CL A	174740100	396	60,809	SH	DFND	1,2,3,4	60,809	0	0
CITIZENS CMNTY BANCORP INC M	COM	174903104	2,726	422,653	SH	DFND	1,2,3,4	422,653	0	0
CITRIX SYS INC	COM	177376100	294,885	2,083,260	SH	DFND	1,2,3,4	1,895,264	0	187,996
CITY HLDG CO	COM	177835105	1,697	25,512	SH	DFND	1,2,3,4	21,782	0	3,730
CITY OFFICE REIT INC	COM	178587101	30,633	4,236,980	SH	DFND	1,2,3,4	3,776,707	0	460,273
CIVISTA BANCSHARES INC	COM NO PAR	178867107	2,233	149,258	SH	DFND	1,2,3,4	149,258	0	0
CLARUS CORP NEW	COM	18270P109	149	15,200	SH	DFND	1,2,3,4	15,200	0	0
CLEAN HARBORS INC	COM	184496107	4,390	85,506	SH	DFND	1,2,3,4	80,456	0	5,050
CLEAN ENERGY FUELS CORP	COM	184499101	303	170,354	SH	DFND	1,2,3,4	170,354	0	0
CLEAR CHANNEL OUTDOOR HLDGS	COM	18453H106	1,196	1,868,644	SH	DFND	1,2,3,4	1,839,791	0	28,853
CLEARFIELD INC	COM	18482P103	135	11,400	SH	DFND	1,2,3,4	11,400	0	0
CLEARWATER PAPER CORP	COM	18538R103	501	22,966	SH	DFND	1,2,3,4	19,866	0	3,100
CLEARWAY ENERGY INC	CL A	18539C105	606	35,300	SH	DFND	1,2,3,4	35,300	0	0
CLEARWAY ENERGY INC	CL C	18539C204	1,727	91,852	SH	DFND	1,2,3,4	91,852	0	0
CLEVELAND CLIFFS INC	COM	185899101	2,315	586,016	SH	DFND	1,2,3,4	504,245	0	81,771
CLIPPER RLTY INC	COM	18885T306	76	14,700	SH	DFND	1,2,3,4	14,700	0	0
CLOROX CO DEL	COM	189054109	43,692	252,189	SH	DFND	1,2,3,4	222,892	0	29,297
CLOUDERA INC	COM	18914U100	2,473	314,218	SH	DFND	1,2,3,4	314,218	0	0
CLOVIS ONCOLOGY INC	COM	189464100	521	81,900	SH	DFND	1,2,3,4	81,900	0	0
COASTAL FINL CORP WA	COM NEW	19046P209	1,476	140,409	SH	DFND	1,2,3,4	140,409	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	1,458	6,993	SH	DFND	1,2,3,4	6,100	0	893
COCA COLA CO	COM	191216100	570,926	12,902,282	SH	DFND	1,2,3,4	11,024,675	0	1,877,607
CODA OCTOPUS GROUP INC	COM NEW	19188U206	100	17,900	SH	DFND	1,2,3,4	17,900	0	0
CODEXIS INC	COM	192005106	718	64,300	SH	DFND	1,2,3,4	64,300	0	0
COEUR MNG INC	COM NEW	192108504	892	277,806	SH	DFND	1,2,3,4	277,806	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	5,381	65,647	SH	DFND	1,2,3,4	57,161	0	8,486
COGNEX CORP	COM	192422103	106,806	2,529,759	SH	DFND	1,2,3,4	2,350,826	0	178,933
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	300,008	6,455,955	SH	DFND	1,2,3,4	4,547,461	0	1,908,494
COHERENT INC	COM	192479103	4,469	42,002	SH	DFND	1,2,3,4	39,602	0	2,400
COHEN & STEERS INC	COM	19247A100	1,501	33,031	SH	DFND	1,2,3,4	33,031	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	52,331	3,226,324	SH	DFND	1,2,3,4	2,876,163	0	350,161
COHU INC	COM	192576106	635	51,322	SH	DFND	1,2,3,4	43,157	0	8,165
COLFAX CORP	COM	194014106	2,840	143,435	SH	DFND	1,2,3,4	134,315	0	9,120
COLGATE PALMOLIVE CO	COM	194162103	89,537	1,349,257	SH	DFND	1,2,3,4	1,225,487	0	123,770
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	1,706	104,460	SH	DFND	1,2,3,4	104,460	0	0
COLONY CR REAL ESTATE INC	COM CL A	19625T101	470	119,260	SH	DFND	1,2,3,4	119,260	0	0
COLONY CAP INC NEW	CL A COM	19626G108	878	501,615	SH	DFND	1,2,3,4	453,242	0	48,373
COLUMBIA BKG SYS INC	COM	197236102	3,124	116,566	SH	DFND	1,2,3,4	101,046	0	15,520
COLUMBIA FINL INC	COM	197641103	952	66,100	SH	DFND	1,2,3,4	66,100	0	0
COLUMBIA PPTY TR INC	COM NEW	198287203	1,513	121,057	SH	DFND	1,2,3,4	109,557	0	11,500
COLUMBIA SPORTSWEAR CO	COM	198516106	3,389	48,570	SH	DFND	1,2,3,4	44,970	0	3,600

COLUMBUS MCKINNON CORP N Y	COM	199333105	570	22,800	SH	DFND	1,2,3,4	22,800	0	0
COMFORT SYS USA INC	COM	199908104	4,326	118,368	SH	DFND	1,2,3,4	110,481	0	7,887
COMCAST CORP NEW	CL A	20030N101	1,143,879	33,271,641	SH	DFND	1,2,3,4	29,492,166	0	3,779,475
COMERICA INC	COM	200340107	45,690	1,557,254	SH	DFND	1,2,3,4	1,279,803	0	277,451
COMMERCE BANCSHARES INC	COM	200525103	8,986	178,472	SH	DFND	1,2,3,4	168,441	0	10,031
COMMERCIAL METALS CO	COM	201723103	4,941	312,902	SH	DFND	1,2,3,4	309,402	0	3,500
COMMERCIAL VEH GROUP INC	COM	202608105	36	24,000	SH	DFND	1,2,3,4	24,000	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	1,014	111,308	SH	DFND	1,2,3,4	92,441	0	18,867
COMMUNITY BK SYS INC	COM	203607106	4,740	80,615	SH	DFND	1,2,3,4	69,475	0	11,140
COMMUNITY BANKERS TR CORP	COM	203612106	168	34,700	SH	DFND	1,2,3,4	34,700	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	846	253,274	SH	DFND	1,2,3,4	231,124	0	22,150
COMMUNITY HEALTHCARE TR INC	COM	20369C106	1,018	26,600	SH	DFND	1,2,3,4	23,050	0	3,550
COMMUNITY TR BANCORP INC	COM	204149108	2,203	69,285	SH	DFND	1,2,3,4	69,285	0	0
COMMVAULT SYSTEMS INC	COM	204166102	142,221	3,513,360	SH	DFND	1,2,3,4	2,930,068	0	583,292
COMPANHIA ENERGETICA DE MINA	SP ADR N-V PFD	204409601	2,324	1,366,860	SH	DFND	1,2,3,4	1,366,860	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	1,183	160,241	SH	DFND	1,2,3,4	160,241	0	0
COMPANHIA PARANAENSE ENERG C	SPON ADR PFD	20441B407	2,266	217,682	SH	DFND	1,2,3,4	217,682	0	0
COMPASS MINERALS INTL INC	COM	20451N101	3,102	80,637	SH	DFND	1,2,3,4	80,637	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	493	22,179	SH	DFND	1,2,3,4	19,829	0	2,350
COMSCORE INC	COM	20564W105	30	10,600	SH	DFND	1,2,3,4	10,600	0	0
COMSTOCK RES INC	COM	205768302	219	40,600	SH	DFND	1,2,3,4	40,600	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	405	30,480	SH	DFND	1,2,3,4	25,880	0	4,600
CONAGRA BRANDS INC	COM	205887102	32,806	1,118,118	SH	DFND	1,2,3,4	1,033,823	0	84,295
CONCERT PHARMACEUTICALS INC	COM	206022105	318	36,000	SH	DFND	1,2,3,4	36,000	0	0
CONCHO RES INC	COM	20605P101	18,642	435,051	SH	DFND	1,2,3,4	400,337	0	34,714
CONCRETE PUMPING HLDGS INC	COM	206704108	45	15,700	SH	DFND	1,2,3,4	15,700	0	0
CONDUENT INC	COM	206787103	642	261,965	SH	DFND	1,2,3,4	260,364	0	1,601
CONFORMIS INC	COM	20717E101	25	39,200	SH	DFND	1,2,3,4	39,200	0	0
CONMED CORP	COM	207410101	3,539	61,797	SH	DFND	1,2,3,4	56,447	0	5,350
CONNECTONE BANCORP INC NEW	COM	20786W107	5,021	373,606	SH	DFND	1,2,3,4	373,606	0	0
CONOCOPHILLIPS	COM	20825C104	100,405	3,259,909	SH	DFND	1,2,3,4	2,697,908	0	562,001
CNX RESOURCES CORPORATION	COM	20854L108	124	33,593	SH	DFND	1,2,3,4	28,743	0	4,850
CONSOLIDATED COMM HLDGS INC	COM	209034107	496	108,991	SH	DFND	1,2,3,4	95,441	0	13,550
CONSOLIDATED EDISON INC	COM	209115104	51,117	655,341	SH	DFND	1,2,3,4	577,928	0	77,413
CONSOLIDATED TOMOKA LD CO	COM	210226106	299	6,600	SH	DFND	1,2,3,4	6,600	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	58,245	406,283	SH	DFND	1,2,3,4	367,852	0	38,431
CONSTELLATION PHARMCETICLS I	COM	210373106	2,612	83,113	SH	DFND	1,2,3,4	83,113	0	0
CONSTRUCTION PARTNERS INC	COM CL A	21044C107	267	15,800	SH	DFND	1,2,3,4	15,800	0	0
CONTAINER STORE GROUP INC	COM	210751103	51	21,400	SH	DFND	1,2,3,4	21,400	0	0
CONTINENTAL RES INC	COM	212015101	333	43,588	SH	DFND	1,2,3,4	35,233	0	8,355

CONTURA ENERGY INC	COM	21241B100	47	19,800	SH	DFND	1,2,3,4	19,800	0	0
COOPER COS INC	COM NEW	216648402	21,664	78,587	SH	DFND	1,2,3,4	69,763	0	8,824
COOPER STD HLDGS INC	COM	21676P103	5,971	581,374	SH	DFND	1,2,3,4	484,427	0	96,947
COOPER TIRE & RUBR CO	COM	216831107	1,226	75,209	SH	DFND	1,2,3,4	64,244	0	10,965
COPART INC	COM	217204106	267,430	3,902,941	SH	DFND	1,2,3,4	3,544,532	0	358,409
CORBUS PHARMACEUTICALS HLDGS	COM	21833P103	689	131,500	SH	DFND	1,2,3,4	131,500	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	3,234	272,020	SH	DFND	1,2,3,4	252,670	0	19,350
CORE MARK HOLDING CO INC	COM	218681104	2,124	74,342	SH	DFND	1,2,3,4	64,552	0	9,790
CORESITE RLTY CORP	COM	21870Q105	7,888	68,055	SH	DFND	1,2,3,4	62,905	0	5,150
COREENERGY INFRASTRUCTURE TR	COM NEW	21870U502	1,033	56,178	SH	DFND	1,2,3,4	56,178	0	0
CORELOGIC INC	COM	21871D103	4,188	137,130	SH	DFND	1,2,3,4	129,246	0	7,884
CORECIVIC INC	COM	21871N101	3,565	319,116	SH	DFND	1,2,3,4	319,116	0	0
COREPOINT LODGING INC	COM	21872L104	229	58,377	SH	DFND	1,2,3,4	58,377	0	0
CORMEDIX INC	COM	21900C308	40	11,200	SH	DFND	1,2,3,4	11,200	0	0
CORNERSTONE BLDG BRANDS INC	COM	21925D109	354	77,700	SH	DFND	1,2,3,4	77,700	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	4,095	128,963	SH	DFND	1,2,3,4	128,963	0	0
CORNING INC	COM	219350105	25,610	1,246,815	SH	DFND	1,2,3,4	1,102,761	0	144,054
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	5,379	243,050	SH	DFND	1,2,3,4	232,040	0	11,010
CORTEVA INC	COM	22052L104	38,231	1,626,852	SH	DFND	1,2,3,4	1,418,719	0	208,133
CORTEXYME INC	COM	22053A107	670	14,700	SH	DFND	1,2,3,4	14,700	0	0
CORVEL CORP	COM	221006109	1,053	19,324	SH	DFND	1,2,3,4	17,624	0	1,700
COSTCO WHSL CORP NEW	COM	22160K105	1,002,942	3,517,489	SH	DFND	1,2,3,4	3,060,040	0	457,449
COSTAR GROUP INC	COM	22160N109	56,406	96,058	SH	DFND	1,2,3,4	83,158	0	12,900
COTY INC	COM CL A	222070203	3,725	721,936	SH	DFND	1,2,3,4	671,001	0	50,935
COUPA SOFTWARE INC	COM	22266L106	73,971	529,387	SH	DFND	1,2,3,4	467,957	0	61,430
COUSINS PPTYS INC	COM NEW	222795502	115,595	3,949,258	SH	DFND	1,2,3,4	3,422,880	0	526,378
COVANTA HLDG CORP	COM	22282E102	1,387	162,170	SH	DFND	1,2,3,4	162,170	0	0
COVENANT TRANSN GROUP INC	CL A	22284P105	5,164	595,618	SH	DFND	1,2,3,4	462,891	0	132,727
COVETRUS INC	COM	22304C100	739	90,837	SH	DFND	1,2,3,4	62,880	0	27,957
COVIA HLDGS CORP	COM	22305A103	45	79,199	SH	DFND	1,2,3,4	79,199	0	0
COWEN INC	CL A NEW	223622606	1,710	177,059	SH	DFND	1,2,3,4	177,059	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	5,217	62,692	SH	DFND	1,2,3,4	62,692	0	0
CRAFT BREW ALLIANCE INC	COM	224122101	332	22,300	SH	DFND	1,2,3,4	22,300	0	0
CRANE CO	COM	224399105	33,952	690,353	SH	DFND	1,2,3,4	685,453	0	4,900
CRAWFORD & CO	CL A	224633206	77	10,700	SH	DFND	1,2,3,4	10,700	0	0
CREDIT ACCEP CORP MICH	COM	225310101	1,528	5,975	SH	DFND	1,2,3,4	4,546	0	1,429
CREE INC	COM	225447101	100,238	2,826,803	SH	DFND	1,2,3,4	1,959,172	0	867,631
CRESCENT PT ENERGY CORP	COM	22576C101	22	28,065	SH	DFND	1,2,3,4	28,065	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	218	14,800	SH	DFND	1,2,3,4	14,800	0	0
CRITEO S A	SPONS ADS	226718104	35,017	4,404,706	SH	DFND	1,2,3,4	3,639,883	0	764,823
CROCS INC	COM	227046109	3,046	179,278	SH	DFND	1,2,3,4	163,977	0	15,301
CRONOS GROUP INC	COM	22717L101	95	16,690	SH	DFND	1,2,3,4	11,790	0	4,900
CROSS CTRY HEALTHCARE INC	COM	227483104	402	59,595	SH	DFND	1,2,3,4	52,695	0	6,900
CROSSFIRST BANKSHARES INC	COM	22766M109	264	31,400	SH	DFND	1,2,3,4	31,400	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	6,692	120,195	SH	DFND	1,2,3,4	110,451	0	9,744
CROWN CASTLE INTL	COM	22822V101	96,293	666,848	SH	DFND	1,2,3,4	579,108	0	87,740

CORP NEW										
CROWN HLDGS INC	COM	228368106	4,892	84,294	SH	DFND	1,2,3,4	68,672	0	15,622
CRYOLIFE INC	COM	228903100	855	50,518	SH	DFND	1,2,3,4	43,468	0	7,050
CRYOPORT INC	COM PAR \$0.001	229050307	500	29,300	SH	DFND	1,2,3,4	29,300	0	0
CUBESMART	COM	229663109	257,890	9,626,342	SH	DFND	1,2,3,4	8,710,983	0	915,359
CUBIC CORP	COM	229669106	1,884	45,600	SH	DFND	1,2,3,4	39,714	0	5,886
CUE BIOPHARMA INC	COM	22978P106	187	13,200	SH	DFND	1,2,3,4	13,200	0	0
CULLEN FROST BANKERS INC	COM	229899109	5,339	95,706	SH	DFND	1,2,3,4	90,185	0	5,521
CUMMINS INC	COM	231021106	43,156	318,919	SH	DFND	1,2,3,4	274,501	0	44,418
CURO GROUP HLDGS CORP	COM	23131L107	229	43,200	SH	DFND	1,2,3,4	43,200	0	0
CURTISS WRIGHT CORP	COM	231561101	25,246	273,196	SH	DFND	1,2,3,4	268,996	0	4,200
CUSTOMERS BANCORP INC	COM	23204G100	423	38,700	SH	DFND	1,2,3,4	33,300	0	5,400
CUTERA INC	COM	232109108	343	26,250	SH	DFND	1,2,3,4	23,600	0	2,650
CYCLERION THERAPEUTICS INC	COM	23255M105	75	28,356	SH	DFND	1,2,3,4	28,356	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	203	137,400	SH	DFND	1,2,3,4	137,400	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	81,001	3,473,447	SH	DFND	1,2,3,4	3,100,013	0	373,434
CYTOKINETICS INC	COM NEW	23282W605	798	67,700	SH	DFND	1,2,3,4	56,600	0	11,100
CYRUSONE INC	COM	23283R100	14,255	230,853	SH	DFND	1,2,3,4	219,835	0	11,018
CYTOSORBENTS CORP	COM NEW	23283X206	342	44,200	SH	DFND	1,2,3,4	44,200	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	494	64,400	SH	DFND	1,2,3,4	64,400	0	0
DMC GLOBAL INC	COM	23291C103	528	22,931	SH	DFND	1,2,3,4	19,600	0	3,331
D R HORTON INC	COM	23331A109	76,417	2,247,545	SH	DFND	1,2,3,4	2,158,727	0	88,818
DSP GROUP INC	COM	23332B106	297	22,200	SH	DFND	1,2,3,4	17,900	0	4,300
DTE ENERGY CO	COM	233331107	30,512	321,278	SH	DFND	1,2,3,4	259,149	0	62,129
DXP ENTERPRISES INC NEW	COM NEW	233377407	300	24,480	SH	DFND	1,2,3,4	20,170	0	4,310
DXC TECHNOLOGY CO	COM	23355L106	5,659	433,677	SH	DFND	1,2,3,4	387,621	0	46,056
DAILY JOURNAL CORP	COM	233912104	228	1,000	SH	DFND	1,2,3,4	1,000	0	0
DAKTRONICS INC	COM	234264109	258	52,250	SH	DFND	1,2,3,4	45,200	0	7,050
DANA INCORPORATED	COM	235825205	45,621	5,841,306	SH	DFND	1,2,3,4	4,878,895	0	962,411
DANAHER CORPORATION	COM	235851102	224,628	1,622,920	SH	DFND	1,2,3,4	1,247,023	0	375,897
DAQO NEW ENERGY CORP	SPNSRD ADR NEW	23703Q203	4,482	77,380	SH	DFND	1,2,3,4	66,930	0	10,450
DARDEN RESTAURANTS INC	COM	237194105	18,132	332,944	SH	DFND	1,2,3,4	294,180	0	38,764
DARLING INGREDIENTS INC	COM	237266101	8,567	446,916	SH	DFND	1,2,3,4	446,916	0	0
DASEKE INC	COM	23753F107	63	44,700	SH	DFND	1,2,3,4	44,700	0	0
DATADOG INC	CL A COM	23804L103	34,854	968,695	SH	DFND	1,2,3,4	870,235	0	98,460
DAVE & BUSTERS ENTMT INC	COM	238337109	741	56,651	SH	DFND	1,2,3,4	49,630	0	7,021
DAVITA INC	COM	23918K108	12,765	167,833	SH	DFND	1,2,3,4	151,925	0	15,908
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	51,977	1,262,497	SH	DFND	1,2,3,4	1,157,464	0	105,033
DECKERS OUTDOOR CORP	COM	243537107	100,617	750,871	SH	DFND	1,2,3,4	704,230	0	46,641
DEERE & CO	COM	244199105	80,940	585,845	SH	DFND	1,2,3,4	517,143	0	68,702
DEL TACO RESTAURANTS INC	COM	245496104	102	29,800	SH	DFND	1,2,3,4	29,800	0	0
DELEK US HLDGS INC NEW	COM	24665A103	1,596	101,288	SH	DFND	1,2,3,4	101,260	0	28
DELL TECHNOLOGIES INC	CL C	24703L202	4,062	102,714	SH	DFND	1,2,3,4	81,666	0	21,048
DELTA AIR LINES INC DEL	COM NEW	247361702	137,970	4,835,953	SH	DFND	1,2,3,4	4,147,318	0	688,635
DENBURY RES INC	COM NEW	247916208	110	596,500	SH	DFND	1,2,3,4	503,800	0	92,700
DELUXE CORP	COM	248019101	3,015	116,275	SH	DFND	1,2,3,4	116,275	0	0
DENALI THERAPEUTICS	COM	24823R105	1,250	71,400	SH	DFND	1,2,3,4	71,400	0	0

INC										
DENNYS CORP	COM	24869P104	619	80,611	SH	DFND	1,2,3,4	80,611	0	0
DENTSPLY SIRONA INC	COM	24906P109	18,086	465,783	SH	DFND	1,2,3,4	414,477	0	51,306
DESCARTES SYS GROUP INC	COM	249906108	275	7,994	SH	DFND	1,2,3,4	7,994	0	0
DESIGNER BRANDS INC	CL A	250565108	465	93,280	SH	DFND	1,2,3,4	80,400	0	12,880
DEVON ENERGY CORP NEW	COM	25179M103	4,531	655,672	SH	DFND	1,2,3,4	573,901	0	81,771
DEXCOM INC	COM	252131107	16,509	61,309	SH	DFND	1,2,3,4	46,475	0	14,834
DIAMOND EAGLE ACQUISITION CO	COM CL A	25258L109	2,976	241,144	SH	DFND	1,2,3,4	138,807	0	102,337
DIAMOND HILL INVESTMENT GROU	COM NEW	25264R207	326	3,613	SH	DFND	1,2,3,4	3,613	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C102	199	108,867	SH	DFND	1,2,3,4	96,703	0	12,164
DIAMONDROCK HOSPITALITY CO	COM	252784301	2,110	415,334	SH	DFND	1,2,3,4	372,274	0	43,060
DIAMONDBACK ENERGY INC	COM	25278X109	6,609	252,255	SH	DFND	1,2,3,4	222,732	0	29,523
DICERNA PHARMACEUTICALS INC	COM	253031108	2,575	140,150	SH	DFND	1,2,3,4	140,150	0	0
DICKS SPORTING GOODS INC	COM	253393102	2,762	129,911	SH	DFND	1,2,3,4	105,631	0	24,280
DIEBOLD NXDF INC	COM	253651103	467	132,560	SH	DFND	1,2,3,4	118,160	0	14,400
DIGI INTL INC	COM	253798102	325	34,050	SH	DFND	1,2,3,4	28,750	0	5,300
DIGIMARC CORP NEW	COM	25381B101	236	18,100	SH	DFND	1,2,3,4	18,100	0	0
DIGITAL RLTY TR INC	COM	253868103	128,061	921,898	SH	DFND	1,2,3,4	872,356	0	49,542
DIME CMNTY BANCSHARES	COM	253922108	779	56,801	SH	DFND	1,2,3,4	51,001	0	5,800
DIGITAL TURBINE INC	COM NEW	25400W102	366	85,000	SH	DFND	1,2,3,4	85,000	0	0
DILLARDS INC	CL A	254067101	1,021	27,641	SH	DFND	1,2,3,4	27,641	0	0
DINE BRANDS GLOBAL INC	COM	254423106	825	28,778	SH	DFND	1,2,3,4	25,130	0	3,648
DIODES INC	COM	254543101	2,499	61,502	SH	DFND	1,2,3,4	52,382	0	9,120
DISNEY WALT CO	COM DISNEY	254687106	461,005	4,772,307	SH	DFND	1,2,3,4	3,840,692	0	931,615
DISNEY WALT CO	COM DISNEY	254687106	670	6,937	SH	DFND	1,2,3,4,6	1,355	0	5,582
DISCOVER FINL SVCS	COM	254709108	19,113	535,829	SH	DFND	1,2,3,4	468,647	0	67,182
DISCOVERY INC	COM SER A	25470F104	22,316	1,147,935	SH	DFND	1,2,3,4	1,115,776	0	32,159
DISCOVERY INC	COM SER C	25470F302	9,635	549,289	SH	DFND	1,2,3,4	480,513	0	68,776
DISH NETWORK CORPORATION	CL A	25470M109	10,477	524,120	SH	DFND	1,2,3,4	354,129	0	169,991
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	2,600	716,241	SH	DFND	1,2,3,4	716,241	0	0
DR REDDYS LABS LTD	ADR	256135203	425	10,550	SH	DFND	1,2,3,4	10,550	0	0
DOCUSIGN INC	COM	256163106	13,802	149,377	SH	DFND	1,2,3,4	128,027	0	21,350
DOLBY LABORATORIES INC	COM CL A	25659T107	65,603	1,210,163	SH	DFND	1,2,3,4	1,203,662	0	6,501
DOLLAR GEN CORP NEW	COM	256677105	282,586	1,871,304	SH	DFND	1,2,3,4	1,694,035	0	177,269
DOLLAR TREE INC	COM	256746108	30,292	412,302	SH	DFND	1,2,3,4	356,180	0	56,122
DOMINION ENERGY INC	COM	25746U109	89,322	1,237,314	SH	DFND	1,2,3,4	1,120,191	0	117,123
DOMINOS PIZZA INC	COM	25754A201	267,195	824,497	SH	DFND	1,2,3,4	758,822	0	65,675
DOMO INC	COM CL B	257554105	351	35,300	SH	DFND	1,2,3,4	35,300	0	0
DOMTAR CORP	COM NEW	257559203	3,075	142,076	SH	DFND	1,2,3,4	136,466	0	5,610
DONALDSON INC	COM	257651109	8,247	213,475	SH	DFND	1,2,3,4	196,283	0	17,192
DONEGAL GROUP INC	CL A	257701201	338	22,254	SH	DFND	1,2,3,4	22,254	0	0
DONNELLEY R R & SONS CO	COM	257867200	121	126,730	SH	DFND	1,2,3,4	111,118	0	15,612
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	255	48,406	SH	DFND	1,2,3,4	42,556	0	5,850
DORMAN PRODUCTS INC	COM	258278100	2,409	43,581	SH	DFND	1,2,3,4	37,230	0	6,351
DOUGLAS EMMETT INC	COM	25960P109	11,161	365,829	SH	DFND	1,2,3,4	349,434	0	16,395
DOUGLAS DYNAMICS INC	COM	25960R105	881	24,800	SH	DFND	1,2,3,4	24,800	0	0
DOVER CORP	COM	260003108	127,106	1,514,248	SH	DFND	1,2,3,4	1,057,347	0	456,901

DOW INC	COM	260557103	44,635	1,526,519	SH	DFND	1,2,3,4	1,139,709	0	386,810
DRIL QUIP INC	COM	262037104	67,420	2,210,488	SH	DFND	1,2,3,4	1,836,005	0	374,483
DRIVE SHACK INC	COM	262077100	30	19,500	SH	DFND	1,2,3,4	19,500	0	0
DROPBOX INC	CL A	26210C104	2,412	133,267	SH	DFND	1,2,3,4	104,467	0	28,800
DUCOMMUN INC DEL	COM	264147109	313	12,600	SH	DFND	1,2,3,4	12,600	0	0
DUKE REALTY CORP	COM NEW	264411505	24,935	770,064	SH	DFND	1,2,3,4	696,141	0	73,923
DUKE ENERGY CORP NEW	COM NEW	26441C204	87,688	1,084,180	SH	DFND	1,2,3,4	999,457	0	84,723
DULUTH HLDGS INC	COM CL B	26443V101	95	23,600	SH	DFND	1,2,3,4	23,600	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	12,844	241,892	SH	DFND	1,2,3,4	230,883	0	11,009
DUPONT DE NEMOURS INC	COM	26614N102	41,678	1,222,235	SH	DFND	1,2,3,4	1,135,472	0	86,763
DYCOM INDS INC	COM	267475101	1,902	74,153	SH	DFND	1,2,3,4	74,153	0	0
DYNATRACE INC	COM	268150109	84,813	3,557,604	SH	DFND	1,2,3,4	3,222,683	0	334,921
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	441	125,020	SH	DFND	1,2,3,4	125,020	0	0
DYNEX CAP INC	COM	26817Q886	424	40,615	SH	DFND	1,2,3,4	40,615	0	0
E L F BEAUTY INC	COM	26856L103	325	33,000	SH	DFND	1,2,3,4	33,000	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	19,843	2,348,282	SH	DFND	1,2,3,4	1,812,369	0	535,913
EOG RES INC	COM	26875P101	214,042	5,958,843	SH	DFND	1,2,3,4	5,628,106	0	330,737
EQT CORPORATION	COM	26884L109	2,662	376,508	SH	DFND	1,2,3,4	351,173	0	25,335
EPR PPTYS	COM SH BEN INT	26884U109	4,120	170,115	SH	DFND	1,2,3,4	162,313	0	7,802
ERA GROUP INC	COM	26885G109	163	30,500	SH	DFND	1,2,3,4	26,800	0	3,700
EAGLE BANCORP INC MD	COM	268948106	1,650	54,630	SH	DFND	1,2,3,4	47,450	0	7,180
E TRADE FINANCIAL CORP	COM NEW	269246401	29,394	856,456	SH	DFND	1,2,3,4	809,978	0	46,478
EVO PMTS INC	CL A COM	26927E104	684	44,700	SH	DFND	1,2,3,4	44,700	0	0
EAGLE MATERIALS INC	COM	26969P108	4,980	85,239	SH	DFND	1,2,3,4	79,384	0	5,855
EAGLE PHARMACEUTICALS INC	COM	269796108	1,612	35,040	SH	DFND	1,2,3,4	33,140	0	1,900
EAST WEST BANCORP INC	COM	27579R104	6,798	264,118	SH	DFND	1,2,3,4	246,043	0	18,075
EASTERLY GOVT PPTYS INC	COM	27616P103	108,629	4,408,627	SH	DFND	1,2,3,4	3,746,036	0	662,591
EASTGROUP PPTY INC	COM	277276101	12,605	120,644	SH	DFND	1,2,3,4	120,644	0	0
EASTMAN CHEM CO	COM	277432100	10,202	219,020	SH	DFND	1,2,3,4	195,024	0	23,996
EATON VANCE CORP	COM NON VTG	278265103	6,357	197,117	SH	DFND	1,2,3,4	186,292	0	10,825
EATON VANCE MUN BD FD	COM	27827X101	149	11,970	SH	DFND	1,2,3,4	11,970	0	0
EBAY INC	COM	278642103	44,235	1,471,548	SH	DFND	1,2,3,4	1,305,587	0	165,961
EBIX INC	COM NEW	278715206	596	39,283	SH	DFND	1,2,3,4	34,620	0	4,663
ECHO GLOBAL LOGISTICS INC	COM	27875T101	3,148	184,285	SH	DFND	1,2,3,4	179,185	0	5,100
ECHOSTAR CORP	CL A	278768106	827	25,854	SH	DFND	1,2,3,4	20,962	0	4,892
ECOLAB INC	COM	278865100	137,063	879,565	SH	DFND	1,2,3,4	597,007	0	282,558
ECOPETROL S A	SPONSORED ADS	279158109	211	22,159	SH	DFND	1,2,3,4	22,159	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	3,054	126,822	SH	DFND	1,2,3,4	126,822	0	0
EDISON INTL	COM	281020107	33,247	606,800	SH	DFND	1,2,3,4	534,490	0	72,310
EDITAS MEDICINE INC	COM	28106W103	1,350	68,100	SH	DFND	1,2,3,4	68,100	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	814,044	4,315,787	SH	DFND	1,2,3,4	3,981,146	0	334,641
EGAIN CORP	COM NEW	28225C806	116	15,800	SH	DFND	1,2,3,4	15,800	0	0
EHEALTH INC	COM	28238P109	102,144	725,353	SH	DFND	1,2,3,4	661,026	0	64,327
EIDOS THERAPEUTICS INC	COM	28249H104	764	15,600	SH	DFND	1,2,3,4	15,600	0	0
EIGER BIOPHARMACEUTICALS INC	COM	28249U105	131	19,300	SH	DFND	1,2,3,4	19,300	0	0
8X8 INC NEW	COM	282914100	2,070	149,316	SH	DFND	1,2,3,4	127,876	0	21,440

EL PASO ELEC CO	COM NEW	283677854	4,471	65,783	SH	DFND	1,2,3,4	57,043	0	8,740
ELANCO ANIMAL HEALTH INC	COM	28414H103	5,131	229,178	SH	DFND	1,2,3,4	191,161	0	38,017
ELDORADO RESORTS INC	COM	28470R102	2,416	167,761	SH	DFND	1,2,3,4	167,761	0	0
ELDORADO GOLD CORP NEW	COM	284902509	99	16,117	SH	DFND	1,2,3,4	16,117	0	0
ELECTRONIC ARTS INC	COM	285512109	738,654	7,374,001	SH	DFND	1,2,3,4	6,810,446	0	563,555
ELEMENT SOLUTIONS INC	COM	28618M106	927	110,915	SH	DFND	1,2,3,4	85,950	0	24,965
ELEVATE CREDIT INC	COM	28621V101	28	27,300	SH	DFND	1,2,3,4	27,300	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	1,199	209,970	SH	DFND	1,2,3,4	209,970	0	0
ELOXX PHARMACEUTICALS INC	COM	29014R103	42	21,400	SH	DFND	1,2,3,4	21,400	0	0
EMCOR GROUP INC	COM	29084Q100	32,367	527,835	SH	DFND	1,2,3,4	527,826	0	9
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	6,480	112,003	SH	DFND	1,2,3,4	103,753	0	8,250
EMERSON ELEC CO	COM	291011104	82,574	1,732,920	SH	DFND	1,2,3,4	1,655,901	0	77,019
EMERALD HOLDING INC	COM	29103W104	78	30,200	SH	DFND	1,2,3,4	30,200	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	35,726	3,987,232	SH	DFND	1,2,3,4	3,354,751	0	632,481
EMPLOYERS HOLDINGS INC	COM	292218104	5,405	133,416	SH	DFND	1,2,3,4	126,326	0	7,090
ENBRIDGE INC	COM	29250N105	19,071	655,596	SH	DFND	1,2,3,4	602,422	0	53,174
ENANTA PHARMACEUTICALS INC	COM	29251M106	1,499	29,140	SH	DFND	1,2,3,4	26,140	0	3,000
ENCORE CAP GROUP INC	COM	292554102	1,069	45,729	SH	DFND	1,2,3,4	39,119	0	6,610
ENCORE WIRE CORP	COM	292562105	1,286	30,617	SH	DFND	1,2,3,4	26,667	0	3,950
ENCOMPASS HEALTH CORP	COM	29261A100	12,673	197,924	SH	DFND	1,2,3,4	186,524	0	11,400
ENERGY FUELS INC	COM NEW	292671708	69	58,200	SH	DFND	1,2,3,4	58,200	0	0
ENERGY RECOVERY INC	COM	29270J100	451	60,557	SH	DFND	1,2,3,4	60,557	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	283	146,400	SH	DFND	1,2,3,4	146,400	0	0
ENERGOUS CORP	COM	29272C103	39	51,900	SH	DFND	1,2,3,4	51,900	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	3,350	110,740	SH	DFND	1,2,3,4	104,610	0	6,130
ENERSYS	COM	29275Y102	78,058	1,576,290	SH	DFND	1,2,3,4	1,325,446	0	250,844
ENERPAC TOOL GROUP CORP	CL A COM	292765104	1,481	89,474	SH	DFND	1,2,3,4	77,344	0	12,130
ENERPLUS CORP	COM	292766102	35	23,970	SH	DFND	1,2,3,4	23,970	0	0
ENLINK MIDSTREAM LLC	COM UNIT REP LTD	29336T100	29	26,096	SH	DFND	1,2,3,4	24,096	0	2,000
ENNIS INC	COM	293389102	527	28,056	SH	DFND	1,2,3,4	28,056	0	0
ENPHASE ENERGY INC	COM	29355A107	11,828	366,300	SH	DFND	1,2,3,4	366,300	0	0
ENPRO INDS INC	COM	29355X107	1,225	30,951	SH	DFND	1,2,3,4	26,285	0	4,666
ENOVA INTL INC	COM	29357K103	1,249	86,163	SH	DFND	1,2,3,4	79,813	0	6,350
ENSIGN GROUP INC	COM	29358P101	2,922	77,688	SH	DFND	1,2,3,4	68,238	0	9,450
ENTEGRIS INC	COM	29362U104	63,105	1,409,547	SH	DFND	1,2,3,4	1,244,450	0	165,097
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	251	146,700	SH	DFND	1,2,3,4	146,700	0	0
ENTERGY CORP NEW	COM	29364G103	41,425	440,832	SH	DFND	1,2,3,4	316,620	0	124,212
ENTERPRISE BANCORP INC MASS	COM	293668109	248	9,200	SH	DFND	1,2,3,4	9,200	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	1,690	60,545	SH	DFND	1,2,3,4	60,545	0	0
ENTRAVISION COMMUNICATIONS C	CL A	29382R107	135	66,700	SH	DFND	1,2,3,4	66,700	0	0
ENVESTNET INC	COM	29404K106	3,957	73,570	SH	DFND	1,2,3,4	73,570	0	0
ENZO BIOCHEM INC	COM	294100102	152	59,900	SH	DFND	1,2,3,4	59,900	0	0
EPAM SYS INC	COM	29414B104	5,754	30,992	SH	DFND	1,2,3,4	23,892	0	7,100
ENVISTA HOLDINGS CORPORATION	COM	29415F104	1,052	70,401	SH	DFND	1,2,3,4	52,934	0	17,467
EPLUS INC	COM	294268107	1,161	18,546	SH	DFND	1,2,3,4	15,500	0	3,046

EPIZYME INC	COM	29428V104	1,650	106,400	SH	DFND	1,2,3,4	106,400	0	0
EQUIFAX INC	COM	294429I05	21,995	184,137	SH	DFND	1,2,3,4	159,481	0	24,656
EQUINIX INC	COM	29444U700	104,905	167,964	SH	DFND	1,2,3,4	136,473	0	31,491
EQUITABLE HLDGS INC	COM	29452E101	2,292	158,586	SH	DFND	1,2,3,4	106,114	0	52,472
EQUITRANS MIDSTREAM CORP	COM	294600I01	1,699	337,842	SH	DFND	1,2,3,4	316,782	0	21,060
EQUITY BANCSHARES INC	COM CL A	29460X109	257	14,900	SH	DFND	1,2,3,4	14,900	0	0
EQUITY COMWLTH	COM SH BEN INT	294628I02	4,184	131,952	SH	DFND	1,2,3,4	120,110	0	11,842
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	11,112	193,328	SH	DFND	1,2,3,4	169,644	0	23,684
EQUITY RESIDENTIAL	SH BEN INT	29476L107	46,495	753,440	SH	DFND	1,2,3,4	691,135	0	62,305
ERIE INDTY CO	CL A	29530P102	2,581	17,408	SH	DFND	1,2,3,4	13,643	0	3,765
ESCO TECHNOLOGIES INC	COM	296315I04	2,965	39,062	SH	DFND	1,2,3,4	33,402	0	5,660
ESPERION THERAPEUTICS INC NE	COM	29664W105	1,040	32,970	SH	DFND	1,2,3,4	32,970	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	11,953	915,240	SH	DFND	1,2,3,4	892,015	0	23,225
ESSENTIAL UTILS INC	COM	29670G102	19,665	483,162	SH	DFND	1,2,3,4	461,861	0	21,301
ESSEX PPTY TR INC	COM	297178I05	50,962	231,395	SH	DFND	1,2,3,4	211,783	0	19,612
ETHAN ALLEN INTERIORS INC	COM	297602I04	339	33,173	SH	DFND	1,2,3,4	27,054	0	6,119
ETSY INC	COM	29786A106	102,395	2,663,762	SH	DFND	1,2,3,4	2,492,236	0	171,526
EURONET WORLDWIDE INC	COM	298736I09	204,484	2,385,484	SH	DFND	1,2,3,4	2,210,008	0	175,476
EVELO BIOSCIENCES INC	COM	299734I03	42	11,100	SH	DFND	1,2,3,4	11,100	0	0
EVENTBRITE INC	COM CL A	29975E109	404	55,300	SH	DFND	1,2,3,4	55,300	0	0
EVERCORE INC	CLASS A	29977A105	4,226	91,746	SH	DFND	1,2,3,4	87,546	0	4,200
EVERBRIDGE INC	COM	29978A104	49,176	462,354	SH	DFND	1,2,3,4	435,434	0	26,920
EVERI HLDGS INC	COM	30034T103	337	102,200	SH	DFND	1,2,3,4	102,200	0	0
EVERGY INC	COM	30034W106	26,557	482,412	SH	DFND	1,2,3,4	352,864	0	129,548
EVERTEC INC	COM	30040P103	4,982	219,189	SH	DFND	1,2,3,4	206,379	0	12,810
EVERSOURCE ENERGY	COM	30040W108	42,716	546,172	SH	DFND	1,2,3,4	480,214	0	65,958
EVERQUOTE INC	COM CL A	30041R108	533	20,300	SH	DFND	1,2,3,4	20,300	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	91	34,800	SH	DFND	1,2,3,4	34,800	0	0
EVOLENT HEALTH INC	CL A	30050B101	534	98,300	SH	DFND	1,2,3,4	98,300	0	0
EVOLUS INC	COM	30052C107	233	56,100	SH	DFND	1,2,3,4	56,100	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	1,527	136,187	SH	DFND	1,2,3,4	136,187	0	0
EXACT SCIENCES CORP	COM	30063P105	4,389	75,674	SH	DFND	1,2,3,4	56,594	0	19,080
EXANTAS CAP CORP	COM NEW	30068N105	110	39,970	SH	DFND	1,2,3,4	39,970	0	0
EXELON CORP	COM	30161N101	56,365	1,531,251	SH	DFND	1,2,3,4	1,341,397	0	189,854
EXELIXIS INC	COM	30161Q104	10,963	636,635	SH	DFND	1,2,3,4	601,483	0	35,152
EXELA TECHNOLOGIES INC	COM	30162V102	8	40,400	SH	DFND	1,2,3,4	40,400	0	0
EXLSERVICE HOLDINGS INC	COM	302081I04	3,023	58,096	SH	DFND	1,2,3,4	50,776	0	7,320
EXPEDIA GROUP INC	COM NEW	30212P303	14,299	254,114	SH	DFND	1,2,3,4	222,367	0	31,747
EXPEDIA GROUP INC	COM NEW	30212P303	10,399	184,800	SH	Call	DFND	1,2,3,4	0	0
EXP WORLD HLDGS INC	COM	30212W100	216	25,500	SH	DFND	1,2,3,4	25,500	0	0
EXPEDITORS INTL WASH INC	COM	302130I09	18,062	270,706	SH	DFND	1,2,3,4	232,420	0	38,286
EXPONENT INC	COM	30214U102	6,228	86,606	SH	DFND	1,2,3,4	76,148	0	10,458
EXPRESS INC	COM	30219E103	119	80,150	SH	DFND	1,2,3,4	67,500	0	12,650
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	718	98,248	SH	DFND	1,2,3,4	79,810	0	18,438
EXTRA SPACE STORAGE INC	COM	30225T102	26,508	276,818	SH	DFND	1,2,3,4	234,214	0	42,604
EXTREME NETWORKS INC	COM	30226D106	10,477	3,390,651	SH	DFND	1,2,3,4	2,697,534	0	693,117
EXTERRAN CORP	COM	30227H106	246	51,250	SH	DFND	1,2,3,4	46,000	0	5,250
EXTRACTION OIL AND	COM	30227M105	58	137,800	SH	DFND	1,2,3,4	137,800	0	0

GAS INC										
EZCORP INC	CL A NON VTG	302301106	350	83,997	SH	DFND	1,2,3,4	74,147	0	9,850
EXXON MOBIL CORP	COM	30231G102	264,312	6,961,082	SH	DFND	1,2,3,4	6,464,801	0	496,281
EYEPOINT PHARMACEUTICALS INC	COM	30233G100	13	12,400	SH	DFND	1,2,3,4	12,400	0	0
FBL FINL GROUP INC	CL A	30239F106	624	13,360	SH	DFND	1,2,3,4	13,360	0	0
FLIR SYS INC	COM	302445101	7,474	234,377	SH	DFND	1,2,3,4	210,674	0	23,703
F M C CORP	COM NEW	302491303	81,453	997,104	SH	DFND	1,2,3,4	893,330	0	103,774
F N B CORP	COM	302520101	4,113	558,123	SH	DFND	1,2,3,4	525,510	0	32,613
FB FINL CORP	COM	30257X104	534	27,100	SH	DFND	1,2,3,4	27,100	0	0
FS KKR CAPITAL CORP	COM	302635107	325	108,384	SH	DFND	1,2,3,4	108,384	0	0
FS BANCORP INC	COM	30263Y104	3,002	83,383	SH	DFND	1,2,3,4	83,383	0	0
FTS INTERNATIONAL INC	COM	30283W104	18	79,500	SH	DFND	1,2,3,4	79,500	0	0
FRP HLDGS INC	COM	30292L107	366	8,500	SH	DFND	1,2,3,4	8,500	0	0
FTI CONSULTING INC	COM	302941109	15,934	133,040	SH	DFND	1,2,3,4	133,040	0	0
FACEBOOK INC	CL A	30303M102	3,090,859	18,530,331	SH	DFND	1,2,3,4	16,522,182	0	2,008,149
FACEBOOK INC	CL A	30303M102	30,358	182,001	SH	DFND	1,2,3,4,6	158,344	0	23,657
FACTSET RESH SYS INC	COM	303075105	18,055	69,260	SH	DFND	1,2,3,4	63,185	0	6,075
FAIR ISAAC CORP	COM	303250104	105,002	341,258	SH	DFND	1,2,3,4	311,195	0	30,063
FALCON MINERALS CORP	CL A COM	30607B109	26	11,900	SH	DFND	1,2,3,4	11,900	0	0
FARMER BROS CO	COM	307675108	111	15,917	SH	DFND	1,2,3,4	15,917	0	0
FARMERS NATIONAL BANC CORP	COM	309627107	317	27,300	SH	DFND	1,2,3,4	27,300	0	0
FARMLAND PARTNERS INC	COM	31154R109	286	47,100	SH	DFND	1,2,3,4	47,100	0	0
FARO TECHNOLOGIES INC	COM	311642102	1,065	23,932	SH	DFND	1,2,3,4	19,632	0	4,300
FATE THERAPEUTICS INC	COM	31189P102	1,792	80,700	SH	DFND	1,2,3,4	80,700	0	0
FASTENAL CO	COM	311900104	37,182	1,189,822	SH	DFND	1,2,3,4	1,048,756	0	141,066
FEDERAL AGRIC MTG CORP	CL C	313148306	545	9,800	SH	DFND	1,2,3,4	9,800	0	0
FEDERAL REALTY INVT TR	SH BEN INT NEW	313747206	12,663	169,724	SH	DFND	1,2,3,4	141,779	0	27,945
FEDERAL SIGNAL CORP	COM	313855108	2,365	86,680	SH	DFND	1,2,3,4	73,500	0	13,180
FEDERATED HERMES INC	CL B	314211103	4,776	250,707	SH	DFND	1,2,3,4	250,707	0	0
FEDERATED PREM MUN INC FD	COM	31423P108	143	10,946	SH	DFND	1,2,3,4	10,946	0	0
FEDEX CORP	COM	31428X106	48,263	398,010	SH	DFND	1,2,3,4	370,021	0	27,989
FEDNAT HLDG CO	COM	31431B109	238	20,700	SH	DFND	1,2,3,4	20,700	0	0
FERRO CORP	COM	315405100	1,185	126,566	SH	DFND	1,2,3,4	108,086	0	18,480
F5 NETWORKS INC	COM	315616102	118,615	1,112,394	SH	DFND	1,2,3,4	1,062,286	0	50,108
FIBROGEN INC	COM	31572Q808	5,831	167,790	SH	DFND	1,2,3,4	167,790	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	361,294	2,970,193	SH	DFND	1,2,3,4	2,702,259	0	267,934
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	50,167	2,016,371	SH	DFND	1,2,3,4	1,973,731	0	42,640
FIESTA RESTAURANT GROUP INC	COM	31660B101	105	26,100	SH	DFND	1,2,3,4	18,200	0	7,900
FIFTH THIRD BANCORP	COM	316773100	19,390	1,305,708	SH	DFND	1,2,3,4	1,011,495	0	294,213
FINANCIAL INSTNS INC	COM	317585404	272	15,000	SH	DFND	1,2,3,4	15,000	0	0
FIREEYE INC	COM	31816Q101	1,136	107,363	SH	DFND	1,2,3,4	80,243	0	27,120
FIRST AMERN FINL CORP	COM	31847R102	82,073	1,935,232	SH	DFND	1,2,3,4	1,643,117	0	292,115
FIRST BANCORP INC ME	COM	31866P102	270	12,279	SH	DFND	1,2,3,4	12,279	0	0
FIRST BANCORP P R	COM NEW	318672706	1,718	322,990	SH	DFND	1,2,3,4	276,300	0	46,690
FIRST BANCORP N C	COM	318910106	879	38,098	SH	DFND	1,2,3,4	38,098	0	0
FIRST BANCSHARES INC MS	COM	318916103	257	13,500	SH	DFND	1,2,3,4	13,500	0	0
FIRST BANK WILLIAMSTOWN NJ	COM	31931U102	1,378	198,617	SH	DFND	1,2,3,4	198,617	0	0
FIRST BUSEY CORP	COM NEW	319383204	1,191	69,623	SH	DFND	1,2,3,4	69,623	0	0

FIRST CTZNS BANCSHARES INC N	CL A	31946M103	3,379	10,150	SH	DFND	1,2,3,4	9,450	0	700
FIRST CHOICE BANCORP	COM	31948P104	7,468	497,511	SH	DFND	1,2,3,4	492,100	0	5,411
FIRST COMWLTH FINL CORP PA	COM	319829107	1,461	159,854	SH	DFND	1,2,3,4	138,635	0	21,219
FIRST CMNTY BANKSHARES INC V	COM	31983A103	588	25,254	SH	DFND	1,2,3,4	25,254	0	0
1ST CONSTITUTION BANCORP	COM	31986N102	5,670	427,929	SH	DFND	1,2,3,4	427,929	0	0
FIRST DEFIANCE FINL CORP	COM	32006W106	592	40,144	SH	DFND	1,2,3,4	40,144	0	0
FIRST FINL BANCORP OH	COM	320209109	2,256	151,288	SH	DFND	1,2,3,4	129,938	0	21,350
FIRST FINL BANKSHARES	COM	32020R109	9,443	351,808	SH	DFND	1,2,3,4	351,808	0	0
FIRST FINL CORP IND	COM	320218100	2,423	71,870	SH	DFND	1,2,3,4	71,870	0	0
FIRST FNDTN INC	COM	32026V104	1,234	120,768	SH	DFND	1,2,3,4	120,768	0	0
FIRST HORIZON NATL CORP	COM	320517105	4,333	537,607	SH	DFND	1,2,3,4	507,071	0	30,536
FIRST HAWAIIAN INC	COM	32051X108	1,099	66,504	SH	DFND	1,2,3,4	53,601	0	12,903
FIRST INDL RLTY TR INC	COM	32054K103	16,314	490,947	SH	DFND	1,2,3,4	490,947	0	0
FIRST INTERNET BANCORP	COM	320557101	177	10,800	SH	DFND	1,2,3,4	10,800	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	1,623	56,271	SH	DFND	1,2,3,4	56,271	0	0
FIRST LONG IS CORP	COM	320734106	399	22,975	SH	DFND	1,2,3,4	22,975	0	0
FIRST MAJESTIC SILVER CORP	COM	32076V103	62	10,000	SH	DFND	1,2,3,4	10,000	0	0
FIRST MERCHANTS CORP	COM	320817109	2,008	75,804	SH	DFND	1,2,3,4	75,804	0	0
FIRST MID BANCSHARES INC	COM	320866106	993	41,817	SH	DFND	1,2,3,4	41,817	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	2,135	161,336	SH	DFND	1,2,3,4	137,686	0	23,650
FIRST REP BK SAN FRANCISCO C	COM	33616C100	21,723	264,013	SH	DFND	1,2,3,4	229,536	0	34,477
FIRST SAVINGS FINL GROUP INC	COM	33621E109	2,537	65,143	SH	DFND	1,2,3,4	65,143	0	0
FIRST SEACOAST BANCORP	COM	33631P102	96	15,894	SH	DFND	1,2,3,4	15,894	0	0
FIRST SOLAR INC	COM	336433107	7,745	214,784	SH	DFND	1,2,3,4	206,759	0	8,025
1ST SOURCE CORP	COM	336901103	16,533	509,820	SH	DFND	1,2,3,4	404,738	0	105,082
FIRSTCASH INC	COM	33767D105	7,901	110,136	SH	DFND	1,2,3,4	110,136	0	0
FISERV INC	COM	337738108	96,600	1,016,947	SH	DFND	1,2,3,4	886,489	0	130,458
FLAGSTAR BANCORP INC	COM PAR .001	337930705	3,318	167,320	SH	DFND	1,2,3,4	159,370	0	7,950
FIRSTENERGY CORP	COM	337932107	79,532	1,984,832	SH	DFND	1,2,3,4	1,559,073	0	425,759
FITBIT INC	CL A	33812L102	10,513	1,578,487	SH	DFND	1,2,3,4	1,578,487	0	0
FIVE BELOW INC	COM	33829M101	184,944	2,627,799	SH	DFND	1,2,3,4	2,413,612	0	214,187
FIVE9 INC	COM	338307101	87,137	1,139,641	SH	DFND	1,2,3,4	1,075,701	0	63,940
FIVE PRIME THERAPEUTICS INC	COM	33830X104	144	63,600	SH	DFND	1,2,3,4	63,600	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	25,222	135,211	SH	DFND	1,2,3,4	117,140	0	18,071
FLEXION THERAPEUTICS INC	COM	33938J106	486	61,700	SH	DFND	1,2,3,4	61,700	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	53,147	1,656,177	SH	DFND	1,2,3,4	1,503,327	0	152,850
FLOTEK INDS INC DEL	COM	343389102	32	35,400	SH	DFND	1,2,3,4	35,400	0	0
FLUOR CORP NEW	COM	343412102	2,741	396,637	SH	DFND	1,2,3,4	245,617	0	151,020
FLOWERS FOODS INC	COM	343498101	6,791	330,965	SH	DFND	1,2,3,4	311,720	0	19,245
FLOWERVE CORP	COM	34354P105	7,397	309,643	SH	DFND	1,2,3,4	282,745	0	26,898
FLUENT INC	COM	34380C102	48	41,100	SH	DFND	1,2,3,4	41,100	0	0
FLUIDIGM CORP DEL	COM	34385P108	228	89,800	SH	DFND	1,2,3,4	89,800	0	0
FLUSHING FINL CORP	COM	343873105	476	35,599	SH	DFND	1,2,3,4	35,599	0	0
FOCUS FINL PARTNERS	COM CL A	34417P100	894	38,867	SH	DFND	1,2,3,4	38,867	0	0

INC										
FOOT LOCKER INC	COM	344849104	61,007	2,766,738	SH	DFND	1,2,3,4	2,333,255	0	433,483
FORD MTR CO DEL	COM	345370860	30,145	6,241,103	SH	DFND	1,2,3,4	5,782,887	0	458,216
FORESCOUT TECHNOLOGIES INC	COM	34553D101	6,413	203,000	SH	DFND	1,2,3,4	203,000	0	0
FORESTAR GROUP INC	COM	346232101	248	23,982	SH	DFND	1,2,3,4	23,982	0	0
FORMFACTOR INC	COM	346375108	2,155	107,252	SH	DFND	1,2,3,4	90,942	0	16,310
FORRESTER RESH INC	COM	346563109	338	11,553	SH	DFND	1,2,3,4	9,300	0	2,253
FORTIS INC	COM	349553107	7,491	194,332	SH	DFND	1,2,3,4	169,251	0	25,081
FORTINET INC	COM	34959E109	23,939	236,626	SH	DFND	1,2,3,4	206,785	0	29,841
FORTIVE CORP	COM	34959J108	33,244	602,352	SH	DFND	1,2,3,4	547,640	0	54,712
FORTERRA INC	COM	34960W106	312	52,204	SH	DFND	1,2,3,4	52,204	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	9,606	222,099	SH	DFND	1,2,3,4	192,354	0	29,745
FORTY SEVEN INC	COM	34983P104	9,999	104,789	SH	DFND	1,2,3,4	104,789	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V100	21	115,800	SH	DFND	1,2,3,4	115,800	0	0
FORWARD AIR CORP	COM	349853101	4,808	94,922	SH	DFND	1,2,3,4	88,828	0	6,094
FOSSIL GROUP INC	COM	34988V106	78	23,600	SH	DFND	1,2,3,4	14,900	0	8,700
FOUNDATION BLDG MATLS INC	COM	350392106	353	34,277	SH	DFND	1,2,3,4	30,500	0	3,777
FOUR CORNERS PPTY TR INC	COM	35086T109	2,640	141,092	SH	DFND	1,2,3,4	119,752	0	21,340
FOX CORP	CL A COM	35137L105	19,531	826,555	SH	DFND	1,2,3,4	676,496	0	150,059
FOX CORP	CL B COM	35137L204	7,449	325,547	SH	DFND	1,2,3,4	232,688	0	92,859
FOX FACTORY HLDG CORP	COM	35138V102	2,313	55,080	SH	DFND	1,2,3,4	46,800	0	8,280
FRANCO NEVADA CORP	COM	351858105	7,624	76,609	SH	DFND	1,2,3,4	71,638	0	4,971
FRANKLIN COVEY CO	COM	353469109	190	12,200	SH	DFND	1,2,3,4	12,200	0	0
FRANKLIN ELEC INC	COM	353514102	4,194	88,997	SH	DFND	1,2,3,4	80,697	0	8,300
FRANKLIN FINL NETWORK INC	COM	35352P104	372	18,247	SH	DFND	1,2,3,4	15,500	0	2,747
FRANKLIN RESOURCES INC	COM	354613101	8,199	491,240	SH	DFND	1,2,3,4	435,194	0	56,046
FRANKLIN STR PPTYS CORP	COM	35471R106	1,189	207,557	SH	DFND	1,2,3,4	187,407	0	20,150
FREEPORT-MCMORAN INC	CL B	35671D857	17,631	2,611,994	SH	DFND	1,2,3,4	2,360,902	0	251,092
FRESHPET INC	COM	358039105	126,734	1,984,256	SH	DFND	1,2,3,4	1,823,561	0	160,695
FRONT YD RESIDENTIAL CORP	COM	35904G107	1,515	126,819	SH	DFND	1,2,3,4	126,819	0	0
FRONTDOOR INC	COM	35905A109	1,889	54,319	SH	DFND	1,2,3,4	45,999	0	8,320
FRONTIER COMMUNICATIONS CORP	COM NEW	35906A306	32	84,577	SH	DFND	1,2,3,4	84,561	0	16
FULLER H B CO	COM	359694106	2,417	86,526	SH	DFND	1,2,3,4	75,556	0	10,970
FULTON FINL CORP PA	COM	360271100	4,949	430,761	SH	DFND	1,2,3,4	430,761	0	0
FUNKO INC	COM CL A	361008105	142	35,500	SH	DFND	1,2,3,4	35,500	0	0
FUTUREFUEL CORP	COM	36116M106	401	35,610	SH	DFND	1,2,3,4	26,600	0	9,010
FVCBANKCORP INC	COM	36120Q101	4,767	357,881	SH	DFND	1,2,3,4	357,881	0	0
GAMCO INVS INC	CL A COM	361438104	265	24,153	SH	DFND	1,2,3,4	24,153	0	0
GATX CORP	COM	361448103	6,142	98,183	SH	DFND	1,2,3,4	98,183	0	0
GEO GROUP INC NEW	COM	36162J106	4,039	332,125	SH	DFND	1,2,3,4	331,375	0	750
GCI LIBERTY INC	COM CLASS A	36164V305	3,122	54,802	SH	DFND	1,2,3,4	45,053	0	9,749
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	1,554	87,300	SH	DFND	1,2,3,4	77,200	0	10,100
GDS HLDGS LTD	SPONSORED ADS	36165L108	75,158	1,296,501	SH	DFND	1,2,3,4	1,296,501	0	0
GNC HLDGS INC	COM CL A	36191G107	33	71,100	SH	DFND	1,2,3,4	71,100	0	0
GW PHARMACEUTICALS PLC	ADS	36197T103	3,784	43,213	SH	DFND	1,2,3,4	43,213	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	495	44,900	SH	DFND	1,2,3,4	44,900	0	0
GP STRATEGIES CORP	COM	36225V104	85	13,000	SH	DFND	1,2,3,4	13,000	0	0
G III APPAREL GROUP LTD	COM	36237H101	497	64,568	SH	DFND	1,2,3,4	54,788	0	9,780

GTT COMMUNICATIONS INC	COM	362393100	354	44,500	SH	DFND	1,2,3,4	44,500	0	0
GTY TECHNOLOGY HOLDINGS INC	COM	362409104	101	22,400	SH	DFND	1,2,3,4	22,400	0	0
GMS INC	COM	36251C103	3,052	194,014	SH	DFND	1,2,3,4	183,959	0	10,055
GAIN CAP HLDGS INC	COM	36268W100	429	76,800	SH	DFND	1,2,3,4	76,800	0	0
GALAPAGOS NV	SPON ADR	36315X101	3,007	15,350	SH	DFND	1,2,3,4	15,350	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	24,434	299,772	SH	DFND	1,2,3,4	261,344	0	38,428
GAMING & LEISURE PPTYS INC	COM	36467J108	28,194	1,017,473	SH	DFND	1,2,3,4	997,384	0	20,089
GAMESTOP CORP NEW	CL A	36467W109	448	128,133	SH	DFND	1,2,3,4	115,677	0	12,456
GANNETT CO INC	COM	36472T109	317	214,246	SH	DFND	1,2,3,4	188,222	0	26,024
GAP INC	COM	364760108	18,220	2,588,031	SH	DFND	1,2,3,4	2,268,589	0	319,442
GARRETT MOTION INC	COM	366505105	45	15,765	SH	DFND	1,2,3,4	1,653	0	14,112
GARTNER INC	COM	366651107	14,037	140,980	SH	DFND	1,2,3,4	122,472	0	18,508
GENERAC HLDGS INC	COM	368736104	17,075	183,268	SH	DFND	1,2,3,4	183,268	0	0
GENERAL DYNAMICS CORP	COM	369550108	48,350	365,433	SH	DFND	1,2,3,4	335,498	0	29,935
GENERAL ELECTRIC CO	COM	369604103	104,068	13,106,752	SH	DFND	1,2,3,4	12,075,351	0	1,031,401
GENERAL MLS INC	COM	370334104	52,175	988,728	SH	DFND	1,2,3,4	891,843	0	96,885
GENERAL MTRS CO	COM	37045V100	41,718	2,007,616	SH	DFND	1,2,3,4	1,808,299	0	199,317
GENESCO INC	COM	371532102	1,438	107,825	SH	DFND	1,2,3,4	104,151	0	3,674
GENESIS HEALTHCARE INC	CL A COM	37185X106	90	107,386	SH	DFND	1,2,3,4	107,386	0	0
GENTEX CORP	COM	371901109	44,941	2,028,043	SH	DFND	1,2,3,4	2,002,948	0	25,095
GENIE ENERGY LTD	CL B	372284208	108	15,000	SH	DFND	1,2,3,4	15,000	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	347	84,200	SH	DFND	1,2,3,4	84,200	0	0
GENUINE PARTS CO	COM	372460105	15,804	234,719	SH	DFND	1,2,3,4	206,230	0	28,489
GENWORTH FINL INC	COM CL A	37247D106	4,289	1,291,722	SH	DFND	1,2,3,4	1,291,347	0	375
GENTHERM INC	COM	37253A103	1,899	60,482	SH	DFND	1,2,3,4	53,200	0	7,282
GERMAN AMERN BANCORP INC	COM	373865104	856	31,200	SH	DFND	1,2,3,4	31,200	0	0
GERON CORP	COM	374163103	274	229,911	SH	DFND	1,2,3,4	229,911	0	0
GETTY RLTY CORP NEW	COM	374297109	4,499	189,517	SH	DFND	1,2,3,4	181,527	0	7,990
GIBRALTAR INDS INC	COM	374689107	2,102	48,985	SH	DFND	1,2,3,4	41,800	0	7,185
GILEAD SCIENCES INC	COM	375558103	168,533	2,254,317	SH	DFND	1,2,3,4	2,044,546	0	209,771
GILDAN ACTIVEWEAR INC	COM	375916103	333	26,098	SH	DFND	1,2,3,4	20,806	0	5,292
GLACIER BANCORP INC NEW	COM	37637Q105	5,063	148,888	SH	DFND	1,2,3,4	130,458	0	18,430
GLADSTONE COMMERCIAL CORP	COM	376536108	597	41,570	SH	DFND	1,2,3,4	41,570	0	0
GLADSTONE LD CORP	COM	376549101	210	17,700	SH	DFND	1,2,3,4	17,700	0	0
GLATFELTER	COM	377316104	769	62,901	SH	DFND	1,2,3,4	54,601	0	8,300
GLAUKOS CORP	COM	377322102	1,803	58,416	SH	DFND	1,2,3,4	51,110	0	7,306
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	6,534	127,900	SH	DFND	1,2,3,4	127,900	0	0
GLOBALSTAR INC	COM	378973408	5	17,000	SH	DFND	1,2,3,4	17,000	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	2,046	153,048	SH	DFND	1,2,3,4	133,818	0	19,230
GLOBAL PMTS INC	COM	37940X102	72,134	500,132	SH	DFND	1,2,3,4	426,307	0	73,825
GLOBAL MED REIT INC	COM NEW	37954A204	426	42,050	SH	DFND	1,2,3,4	42,050	0	0
GLOBUS MED INC	CL A	379577208	11,067	260,221	SH	DFND	1,2,3,4	260,221	0	0
GLOBE LIFE INC	COM	37959E102	11,790	163,825	SH	DFND	1,2,3,4	145,917	0	17,908
GLU MOBILE INC	COM	379890106	989	157,295	SH	DFND	1,2,3,4	134,100	0	23,195
GLYCOMIMETICS INC	COM	38000Q102	109	47,800	SH	DFND	1,2,3,4	47,800	0	0
GODADDY INC	CL A	380237107	5,917	103,603	SH	DFND	1,2,3,4	80,207	0	23,396
GOGO INC	COM	38046C109	225	106,100	SH	DFND	1,2,3,4	106,100	0	0
GOLD RESOURCE CORP	COM	38068T105	200	72,600	SH	DFND	1,2,3,4	72,600	0	0
GOLDEN ENTMT INC	COM	381013101	81	12,300	SH	DFND	1,2,3,4	12,300	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	490,198	3,170,957	SH	DFND	1,2,3,4	2,949,914	0	221,043
GOODYEAR TIRE & RUBR CO	COM	382550101	2,035	349,621	SH	DFND	1,2,3,4	326,591	0	23,030

GOOSEHEAD INS INC	COM CL A	38267D109	30,283	678,534	SH	DFND	1,2,3,4	605,179	0	73,355
GOPRO INC	CL A	38268T103	388	148,000	SH	DFND	1,2,3,4	148,000	0	0
GORMAN RUPP CO	COM	383082104	758	24,296	SH	DFND	1,2,3,4	24,296	0	0
GOSSAMER BIO INC	COM	38341P102	18,639	1,836,375	SH	DFND	1,2,3,4	1,683,781	0	152,594
GRACE W R & CO DEL NEW	COM	38388F108	1,132	31,802	SH	DFND	1,2,3,4	24,094	0	7,708
GRACO INC	COM	384109104	13,895	285,142	SH	DFND	1,2,3,4	262,745	0	22,397
GRAFTECH INTL LTD	COM	384313508	174	21,420	SH	DFND	1,2,3,4	14,810	0	6,610
GRAHAM CORP	COM	384556106	154	11,900	SH	DFND	1,2,3,4	11,900	0	0
GRAHAM HLDGS CO	COM CL B	384637104	2,536	7,433	SH	DFND	1,2,3,4	6,952	0	481
GRAINGER W W INC	COM	384802104	24,402	98,199	SH	DFND	1,2,3,4	79,753	0	18,446
GRAND CANYON ED INC	COM	38526M106	6,223	81,570	SH	DFND	1,2,3,4	76,770	0	4,800
GRANITE CONSTR INC	COM	387328107	1,058	69,690	SH	DFND	1,2,3,4	60,890	0	8,800
GRANITE PT MTG TR INC	COM	38741L107	477	94,037	SH	DFND	1,2,3,4	81,177	0	12,860
GRANITE REAL ESTATE INVT TR	UNIT 99/99/9999	387437114	567	13,739	SH	DFND	1,2,3,4	13,727	0	12
GRAPHIC PACKAGING HLDG CO	COM	388689101	53,038	4,347,338	SH	DFND	1,2,3,4	3,633,188	0	714,150
GRAY TELEVISION INC	COM	389375106	2,395	223,000	SH	DFND	1,2,3,4	223,000	0	0
GREAT AJAX CORP	COM	38983D300	182	28,589	SH	DFND	1,2,3,4	28,589	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	529	63,700	SH	DFND	1,2,3,4	63,700	0	0
GREAT SOUTHN BANCORP INC	COM	390905107	2,404	59,510	SH	DFND	1,2,3,4	59,510	0	0
GREAT WESTN BANCORP INC	COM	391416104	4,162	203,240	SH	DFND	1,2,3,4	191,110	0	12,130
GREEN BRICK PARTNERS INC	COM	392709101	230	28,600	SH	DFND	1,2,3,4	28,600	0	0
GREEN DOT CORP	CL A	39304D102	2,282	89,871	SH	DFND	1,2,3,4	79,600	0	10,271
GREEN PLAINS INC	COM	393222104	1,574	324,446	SH	DFND	1,2,3,4	169,328	0	155,118
GREENBRIER COS INC	COM	393657101	1,828	103,033	SH	DFND	1,2,3,4	95,613	0	7,420
GREENHILL & CO INC	COM	395259104	334	33,900	SH	DFND	1,2,3,4	31,100	0	2,800
GREENLANE HLDGS INC	CL A	395330103	37	21,700	SH	DFND	1,2,3,4	21,700	0	0
GREIF INC	CL A	397624107	1,845	59,340	SH	DFND	1,2,3,4	59,340	0	0
GREIF INC	CL B	397624206	264	6,600	SH	DFND	1,2,3,4	6,600	0	0
GRIFFON CORP	COM	398433102	586	46,293	SH	DFND	1,2,3,4	35,343	0	10,950
GRITSTONE ONCOLOGY INC	COM	39868T105	154	26,400	SH	DFND	1,2,3,4	26,400	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	134,582	3,919,095	SH	DFND	1,2,3,4	3,571,399	0	347,696
GROUP 1 AUTOMOTIVE INC	COM	398905109	1,233	27,864	SH	DFND	1,2,3,4	23,964	0	3,900
GROUPON INC	COM	399473107	554	565,555	SH	DFND	1,2,3,4	565,555	0	0
GRUPO FINANCIERO GALICIA S.A	SPONSORED ADR	399909100	181	25,650	SH	DFND	1,2,3,4	0	0	25,650
GRUBHUB INC	COM	400110102	6,283	154,265	SH	DFND	1,2,3,4	141,965	0	12,300
GRUPO AVAL ACCIONES Y VALORE	SPONSORED ADS	40053W101	449	102,530	SH	DFND	1,2,3,4	102,530	0	0
GUARANTY FED BANCSHARES INC	COM	40108P101	2,476	166,410	SH	DFND	1,2,3,4	166,410	0	0
GUARDANT HEALTH INC	COM	40131M109	114,275	1,641,888	SH	DFND	1,2,3,4	1,486,645	0	155,243
GUESS INC	COM	401617105	536	79,190	SH	DFND	1,2,3,4	68,200	0	10,990
GUIDEWIRE SOFTWARE INC	COM	40171V100	3,980	50,181	SH	DFND	1,2,3,4	38,959	0	11,222
GULFPORT ENERGY CORP	COM NEW	402635304	116	260,250	SH	DFND	1,2,3,4	232,950	0	27,300
H & E EQUIPMENT SERVICES INC	COM	404030108	26,790	1,824,917	SH	DFND	1,2,3,4	1,708,609	0	116,308
HBT FINL INC.	COM	404111106	2,889	274,397	SH	DFND	1,2,3,4	274,397	0	0
HCA HEALTHCARE INC	COM	40412C101	38,531	428,836	SH	DFND	1,2,3,4	375,445	0	53,391
HDFC BANK LTD	SPONSORED ADS	40415F101	24,774	644,156	SH	DFND	1,2,3,4	614,128	0	30,028
HCI GROUP INC	COM	40416E103	419	10,400	SH	DFND	1,2,3,4	9,200	0	1,200
HD SUPPLY HLDGS INC	COM	40416M105	8,642	303,988	SH	DFND	1,2,3,4	287,628	0	16,360

HF FOODS GROUP INC	COM	40417F109	117	14,000	SH	DFND	1,2,3,4	14,000	0	0
HMN FINL INC	COM	40424G108	280	15,551	SH	DFND	1,2,3,4	15,551	0	0
HNI CORP	COM	404251100	2,780	110,368	SH	DFND	1,2,3,4	110,368	0	0
HMS HLDGS CORP	COM	40425J101	8,012	317,046	SH	DFND	1,2,3,4	300,496	0	16,550
HP INC	COM	40434L105	52,024	2,996,767	SH	DFND	1,2,3,4	2,524,439	0	472,328
HV BANCORP INC	COM	40441H105	1,811	165,544	SH	DFND	1,2,3,4	165,544	0	0
HACKETT GROUP INC	COM	404609109	404	31,797	SH	DFND	1,2,3,4	31,797	0	0
HAEMONETICS CORP	COM	405024100	18,439	185,020	SH	DFND	1,2,3,4	185,020	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	145,440	5,600,298	SH	DFND	1,2,3,4	4,644,896	0	955,402
HALLIBURTON CO	COM	406216101	10,904	1,591,832	SH	DFND	1,2,3,4	1,260,889	0	330,943
HALLMARK FINL SVCS INC EC	COM NEW	40624Q203	101	25,100	SH	DFND	1,2,3,4	25,100	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	5,717	317,760	SH	DFND	1,2,3,4	317,760	0	0
HAMILTON LANE INC	CL A	407497106	49,569	896,196	SH	DFND	1,2,3,4	840,017	0	56,179
HANCOCK WHITNEY CORPORATION	COM	410120109	5,832	298,771	SH	DFND	1,2,3,4	298,771	0	0
HANESBRANDS INC	COM	410345102	6,163	783,137	SH	DFND	1,2,3,4	636,439	0	146,698
HANGER INC	COM NEW	41043F208	768	49,285	SH	DFND	1,2,3,4	42,300	0	6,985
HANMI FINL CORP	COM NEW	410495204	468	43,101	SH	DFND	1,2,3,4	37,251	0	5,850
HANNON ARMSTRONG SUST INFR C	COM	41068X100	1,827	89,502	SH	DFND	1,2,3,4	89,502	0	0
HANOVER INS GROUP INC	COM	410867105	43,626	481,630	SH	DFND	1,2,3,4	417,524	0	64,106
HARBORONE BANCORP INC NEW	COM NEW	41165Y100	21,388	2,840,403	SH	DFND	1,2,3,4	2,331,905	0	508,498
HARLEY DAVIDSON INC	COM	412822108	4,808	253,986	SH	DFND	1,2,3,4	223,123	0	30,863
HARMONIC INC	COM	413160102	753	130,799	SH	DFND	1,2,3,4	113,849	0	16,950
HARSCO CORP	COM	415864107	856	122,810	SH	DFND	1,2,3,4	105,900	0	16,910
HARTFORD FINL SVCS GROUP INC	COM	416515104	20,658	586,203	SH	DFND	1,2,3,4	514,013	0	72,190
HASBRO INC	COM	418056107	16,171	226,012	SH	DFND	1,2,3,4	193,573	0	32,439
HAVERTY FURNITURE INC	COM	419596101	301	25,343	SH	DFND	1,2,3,4	20,500	0	4,843
HAWAIIAN ELEC INDUSTRIES	COM	419870100	7,739	179,769	SH	DFND	1,2,3,4	169,089	0	10,680
HAWAIIAN HOLDINGS INC	COM	419879101	769	73,700	SH	DFND	1,2,3,4	63,200	0	10,500
HAWKINS INC	COM	420261109	306	8,600	SH	DFND	1,2,3,4	6,800	0	1,800
HAYNES INTERNATIONAL INC	COM NEW	420877201	319	15,489	SH	DFND	1,2,3,4	12,033	0	3,456
HEALTHCARE SVCS GROUP INC	COM	421906108	4,385	183,377	SH	DFND	1,2,3,4	183,377	0	0
HEALTHCARE RLTY TR	COM	421946104	13,934	498,903	SH	DFND	1,2,3,4	498,903	0	0
HEALTHSTREAM INC	COM	42222N103	753	31,440	SH	DFND	1,2,3,4	26,640	0	4,800
HEALTHCARE TR AMER INC	CL A NEW	42225P501	4,583	188,737	SH	DFND	1,2,3,4	168,047	0	20,690
HEALTH CATALYST INC	COM	42225T107	30,359	1,160,941	SH	DFND	1,2,3,4	1,090,844	0	70,097
HEALTHEQUITY INC	COM	42226A107	98,057	1,938,272	SH	DFND	1,2,3,4	1,787,632	0	150,640
HEARTLAND EXPRESS INC	COM	422347104	1,528	82,297	SH	DFND	1,2,3,4	73,065	0	9,232
HEARTLAND FINL USA INC	COM	42234Q102	1,324	43,855	SH	DFND	1,2,3,4	43,855	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	65,154	2,731,824	SH	DFND	1,2,3,4	2,619,841	0	111,983
HECLA MNG CO	COM	422704106	1,015	557,582	SH	DFND	1,2,3,4	557,582	0	0
HEICO CORP NEW	COM	422806109	2,041	27,356	SH	DFND	1,2,3,4	21,716	0	5,640
HEICO CORP NEW	CL A	422806208	2,789	43,639	SH	DFND	1,2,3,4	33,236	0	10,403
HEIDRICK & STRUGGLES INTL IN	COM	422819102	2,541	112,938	SH	DFND	1,2,3,4	109,338	0	3,600
HELIOS TECHNOLOGIES INC	COM	42328H109	1,457	38,416	SH	DFND	1,2,3,4	38,416	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	3,938	2,401,425	SH	DFND	1,2,3,4	1,864,407	0	537,018
HELMERICH & PAYNE INC	COM	423452101	2,567	164,057	SH	DFND	1,2,3,4	145,480	0	18,577

HEMISPHERE MEDIA GROUP INC	CL A	42365Q103	138	16,200	SH	DFND	1,2,3,4	16,200	0	0
HENRY JACK & ASSOC INC	COM	426281101	105,411	679,017	SH	DFND	1,2,3,4	601,255	0	77,762
HERITAGE COMMERCE CORP	COM	426927109	4,421	576,466	SH	DFND	1,2,3,4	576,466	0	0
HERC HLDGS INC	COM	42704L104	666	32,531	SH	DFND	1,2,3,4	32,466	0	65
HERCULES CAPITAL INC	COM	427096508	1,928	252,404	SH	DFND	1,2,3,4	252,404	0	0
HERITAGE FINL CORP WASH	COM	42722X106	24,181	1,209,027	SH	DFND	1,2,3,4	936,165	0	272,862
HERITAGE CRYSTAL CLEAN INC	COM	42726M106	205	12,600	SH	DFND	1,2,3,4	12,600	0	0
HERITAGE INS HLDGS INC	COM	42727J102	373	34,800	SH	DFND	1,2,3,4	34,800	0	0
HERON THERAPEUTICS INC	COM	427746102	3,060	260,630	SH	DFND	1,2,3,4	260,630	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	291	81,417	SH	DFND	1,2,3,4	74,667	0	6,750
HERSHEY CO	COM	427866108	35,813	270,289	SH	DFND	1,2,3,4	215,477	0	54,812
HESKA CORP	COM RESTRC NEW	42805E306	478	8,650	SH	DFND	1,2,3,4	7,300	0	1,350
HERTZ GLOBAL HLDGS INC	COM	42806J106	733	118,648	SH	DFND	1,2,3,4	118,648	0	0
HESS CORP	COM	42809H107	19,966	599,589	SH	DFND	1,2,3,4	543,471	0	56,118
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	23,005	2,369,183	SH	DFND	1,2,3,4	1,935,923	0	433,260
HEXCEL CORP NEW	COM	428291108	20,737	557,593	SH	DFND	1,2,3,4	544,084	0	13,509
HEXO CORP	COM	428304109	9	10,600	SH	DFND	1,2,3,4	10,600	0	0
HIBBETT SPORTS INC	COM	428567101	194	17,755	SH	DFND	1,2,3,4	14,455	0	3,300
HIGHPOINT RES CORP	COM	43114K108	42	223,602	SH	DFND	1,2,3,4	203,102	0	20,500
HIGHWOODS PPTYS INC	COM	431284108	8,050	227,276	SH	DFND	1,2,3,4	217,176	0	10,100
HILL ROM HLDGS INC	COM	431475102	14,004	139,208	SH	DFND	1,2,3,4	111,135	0	28,073
HILLENBRAND INC	COM	431571108	3,269	171,086	SH	DFND	1,2,3,4	154,603	0	16,483
HILLTOP HOLDINGS INC	COM	432748101	4,422	292,433	SH	DFND	1,2,3,4	292,433	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	628	39,820	SH	DFND	1,2,3,4	30,967	0	8,853
HILTON WORLDWIDE HLDGS INC	COM	43300A203	29,540	432,879	SH	DFND	1,2,3,4	367,313	0	65,566
HINGHAM INSTN SVGS MASS	COM	433323102	290	2,000	SH	DFND	1,2,3,4	2,000	0	0
HOLLYFRONTIER CORP	COM	436106108	53,993	2,202,890	SH	DFND	1,2,3,4	1,854,521	0	348,369
HOLOGIC INC	COM	436440101	14,684	418,358	SH	DFND	1,2,3,4	357,811	0	60,547
HOME BANCSHARES INC	COM	436893200	7,091	591,385	SH	DFND	1,2,3,4	591,385	0	0
HOME BANCORP INC	COM	43689E107	237	9,700	SH	DFND	1,2,3,4	9,700	0	0
HOME DEPOT INC	COM	437076102	1,498,025	8,023,270	SH	DFND	1,2,3,4	7,169,943	0	853,327
HOME FED BANCORP INC LA NEW	COM	43708L108	365	14,619	SH	DFND	1,2,3,4	14,619	0	0
HOMESTREET INC	COM	43785V102	827	37,200	SH	DFND	1,2,3,4	32,600	0	4,600
HOMETRUST BANCSHARES INC	COM	437872104	306	19,200	SH	DFND	1,2,3,4	19,200	0	0
HOMOLOGY MEDICINES INC	COM	438083107	505	32,500	SH	DFND	1,2,3,4	32,500	0	0
HONEYWELL INTL INC	COM	438516106	776,728	5,805,579	SH	DFND	1,2,3,4	5,539,283	0	266,296
HOPE BANCORP INC	COM	43940T109	1,689	205,436	SH	DFND	1,2,3,4	178,156	0	27,280
HORACE MANN EDUCATORS CORP N	COM	440327104	2,222	60,737	SH	DFND	1,2,3,4	51,827	0	8,910
HORIZON BANCORP INC	COM	440407104	378	38,375	SH	DFND	1,2,3,4	38,375	0	0
HORMEL FOODS CORP	COM	440452100	28,088	602,233	SH	DFND	1,2,3,4	468,980	0	133,253
HOST HOTELS & RESORTS INC	COM	44107P104	16,544	1,498,526	SH	DFND	1,2,3,4	1,355,510	0	143,016
HOSTESS BRANDS INC	CL A	44109J106	1,556	146,000	SH	DFND	1,2,3,4	146,000	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	15,913	8,464,181	SH	DFND	1,2,3,4	6,948,133	0	1,516,048
HOULIHAN LOKEY INC	CL A	441593100	52,216	1,001,846	SH	DFND	1,2,3,4	944,174	0	57,672
HOWARD BANCORP INC	COM	442496105	113	10,400	SH	DFND	1,2,3,4	10,400	0	0
HOWARD HUGHES CORP	COM	44267D107	1,288	25,487	SH	DFND	1,2,3,4	21,123	0	4,364

HUB GROUP INC	CL A	443320106	75,672	1,664,216	SH	DFND	1,2,3,4	1,385,345	0	278,871
HUBBELL INC	COM	443510607	20,353	177,383	SH	DFND	1,2,3,4	170,926	0	6,457
HUBSPOT INC	COM	443573100	98,627	740,497	SH	DFND	1,2,3,4	668,327	0	72,170
HUDBAY MINERALS INC	COM	443628102	29	15,000	SH	DFND	1,2,3,4	15,000	0	0
HUDSON PAC PPTYS INC	COM	444097109	4,045	159,503	SH	DFND	1,2,3,4	144,240	0	15,263
HUMANA INC	COM	444859102	146,313	465,935	SH	DFND	1,2,3,4	436,936	0	28,999
HUNT J B TRANS SVCS INC	COM	445658107	12,525	135,806	SH	DFND	1,2,3,4	120,115	0	15,691
HUNTINGTON BANCSHARES INC	COM	446150104	16,073	1,957,777	SH	DFND	1,2,3,4	1,453,885	0	503,892
HUNTINGTON INGALLS INDS INC	COM	446413106	13,540	74,308	SH	DFND	1,2,3,4	56,795	0	17,513
HUNTSMAN CORP	COM	447011107	3,122	216,354	SH	DFND	1,2,3,4	194,772	0	21,582
HURON CONSULTING GROUP INC	COM	447462102	1,479	32,600	SH	DFND	1,2,3,4	32,600	0	0
HYATT HOTELS CORP	COM CL A	448579102	997	20,817	SH	DFND	1,2,3,4	17,347	0	3,470
HYSTER YALE MATLS HANDLING I	CL A	449172105	390	9,736	SH	DFND	1,2,3,4	9,736	0	0
IAC INTERACTIVECORP	COM	44919P508	17,610	98,255	SH	DFND	1,2,3,4	89,170	0	9,085
IAA INC	COM	449253103	2,538	84,712	SH	DFND	1,2,3,4	67,258	0	17,454
ICF INTL INC	COM	44925C103	3,120	45,409	SH	DFND	1,2,3,4	45,409	0	0
ICU MED INC	COM	44930G107	6,472	32,074	SH	DFND	1,2,3,4	29,874	0	2,200
IES HLDGS INC	COM	44951W106	178	10,100	SH	DFND	1,2,3,4	10,100	0	0
IGM BIOSCIENCES INC	COM	449585108	466	8,300	SH	DFND	1,2,3,4	8,300	0	0
IPG PHOTONICS CORP	COM	44980X109	228,976	2,076,316	SH	DFND	1,2,3,4	1,778,694	0	297,622
IRHYTHM TECHNOLOGIES INC	COM	450056106	137,450	1,689,610	SH	DFND	1,2,3,4	1,556,281	0	133,329
ISTAR INC	COM	45031U101	1,120	105,533	SH	DFND	1,2,3,4	88,490	0	17,043
ITT INC	COM	45073V108	41,679	918,852	SH	DFND	1,2,3,4	860,678	0	58,174
IBERIABANK CORP	COM	450828108	30,710	849,285	SH	DFND	1,2,3,4	735,844	0	113,441
IAMGOLD CORP	COM	450913108	58	25,510	SH	DFND	1,2,3,4	25,510	0	0
ICICI BANK LIMITED	ADR	45104G104	11,879	1,397,552	SH	DFND	1,2,3,4	976,155	0	421,397
IDACORP INC	COM	451107106	7,773	88,540	SH	DFND	1,2,3,4	83,540	0	5,000
IDEANOMICS INC	COM	45166V106	111	83,100	SH	DFND	1,2,3,4	83,100	0	0
IDEX CORP	COM	45167R104	182,928	1,324,509	SH	DFND	1,2,3,4	1,204,700	0	119,809
IDEXX LABS INC	COM	45168D104	306,258	1,264,276	SH	DFND	1,2,3,4	1,146,089	0	118,187
IHEARTMEDIA INC	COM CL A	45174J509	1,991	272,359	SH	DFND	1,2,3,4	269,889	0	2,470
ILLINOIS TOOL WKS INC	COM	452308109	72,649	511,179	SH	DFND	1,2,3,4	418,363	0	92,816
ILLUMINA INC	COM	452327109	503,201	1,842,416	SH	DFND	1,2,3,4	1,695,567	0	146,849
IMAX CORP	COM	45245E109	711	78,600	SH	DFND	1,2,3,4	78,600	0	0
IMMERSION CORP	COM	452521107	238	44,400	SH	DFND	1,2,3,4	44,400	0	0
IMMUNOGEN INC	COM	45253H101	992	290,964	SH	DFND	1,2,3,4	290,964	0	0
IMMUNOVANT INC	COM	45258J102	858	55,154	SH	DFND	1,2,3,4	55,154	0	0
IMMUNOMEDICS INC	COM	452907108	3,665	271,898	SH	DFND	1,2,3,4	271,898	0	0
IMPERIAL OIL LTD	COM NEW	453038408	634	56,224	SH	DFND	1,2,3,4	56,224	0	0
IMPINJ INC	COM	453204109	478	28,600	SH	DFND	1,2,3,4	28,600	0	0
INCYTE CORP	COM	45337C102	30,474	416,137	SH	DFND	1,2,3,4	346,392	0	69,745
INDEPENDENCE RLTY TR INC	COM	45378A106	53,983	6,038,333	SH	DFND	1,2,3,4	5,433,876	0	604,457
INDEPENDENT BANK CORP MASS	COM	453836108	3,323	51,618	SH	DFND	1,2,3,4	44,198	0	7,420
INDEPENDENT BANK CORP MICH	COM NEW	453838609	286	22,200	SH	DFND	1,2,3,4	22,200	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	14,585	615,933	SH	DFND	1,2,3,4	486,758	0	129,175
INDEXIQ ETF TR	HEDGE MLTI ETF	45409B107	1,913	67,184	SH	DFND	1,2,3,4	67,184	0	0
INDEXIQ ETF TR	IQ MRGR ARB ETF	45409B800	6,767	224,505	SH	DFND	1,2,3,4	224,505	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	17,558	1,001,011	SH	DFND	1,2,3,4	986,908	0	14,103
INFINERA CORP	COM	45667G103	1,080	203,713	SH	DFND	1,2,3,4	203,713	0	0
INFOSYS LTD	SPONSORED ADR	456788108	51,424	6,263,534	SH	DFND	1,2,3,4	6,145,458	0	118,076
INGERSOLL RAND INC	COM	45687V106	97,577	3,934,570	SH	DFND	1,2,3,4	3,559,989	0	374,581

INGEVITY CORP	COM	45688C107	27,495	781,119	SH	DFND	1,2,3,4	737,693	0	43,426
INGLES MKTS INC	CL A	457030104	532	14,700	SH	DFND	1,2,3,4	14,700	0	0
INGREDION INC	COM	457187102	10,940	144,905	SH	DFND	1,2,3,4	138,082	0	6,823
INSIGHT ENTERPRISES INC	COM	45765U103	3,560	84,495	SH	DFND	1,2,3,4	76,774	0	7,721
INSMED INC	COM PAR \$.01	457669307	1,986	123,900	SH	DFND	1,2,3,4	123,900	0	0
INNOSPEC INC	COM	45768S105	2,552	36,728	SH	DFND	1,2,3,4	31,350	0	5,378
INPHI CORP	COM	45772F107	118,854	1,501,252	SH	DFND	1,2,3,4	1,379,752	0	121,500
INSPIRE MED SYS INC	COM	457730109	1,224	20,300	SH	DFND	1,2,3,4	20,300	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	915	123,000	SH	DFND	1,2,3,4	123,000	0	0
INNERWORKINGS INC	COM	45773Y105	48	41,400	SH	DFND	1,2,3,4	41,400	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	227	17,100	SH	DFND	1,2,3,4	13,700	0	3,400
INSPERITY INC	COM	45778Q107	5,904	158,276	SH	DFND	1,2,3,4	158,276	0	0
INOGEN INC	COM	45780L104	1,508	29,197	SH	DFND	1,2,3,4	25,750	0	3,447
INSTALLED BLDG PRODS INC	COM	45780R101	1,230	30,850	SH	DFND	1,2,3,4	26,000	0	4,850
INOVALON HLDGS INC	COM CL A	45781D101	1,704	102,300	SH	DFND	1,2,3,4	102,300	0	0
INNOVIVA INC	COM	45781M101	2,846	241,992	SH	DFND	1,2,3,4	229,442	0	12,550
INNOVATIVE INDL PPTYS INC	COM	45781V101	1,886	24,835	SH	DFND	1,2,3,4	21,678	0	3,157
INSEGO CORP	COM	45782B104	418	67,050	SH	DFND	1,2,3,4	67,050	0	0
INSULET CORP	COM	45784P101	129,674	782,676	SH	DFND	1,2,3,4	704,382	0	78,294
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	5,308	118,827	SH	DFND	1,2,3,4	111,827	0	7,000
INTEL CORP	COM	458140100	639,222	11,811,193	SH	DFND	1,2,3,4	10,997,145	0	814,048
INTELLIGENT SYS CORP NEW	COM	45816D100	292	8,600	SH	DFND	1,2,3,4	8,600	0	0
INTEGER HLDGS CORP	COM	45826H109	5,673	90,242	SH	DFND	1,2,3,4	84,092	0	6,150
INTELLIA THERAPEUTICS INC	COM	45826J105	656	53,600	SH	DFND	1,2,3,4	53,600	0	0
INTER PARFUMS INC	COM	458334109	1,158	24,987	SH	DFND	1,2,3,4	20,927	0	4,060
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	5,479	126,910	SH	DFND	1,2,3,4	119,020	0	7,890
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	2,290	36,370	SH	DFND	1,2,3,4	36,370	0	0
INTERFACE INC	COM	458665304	728	96,321	SH	DFND	1,2,3,4	85,371	0	10,950
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	129,635	1,605,389	SH	DFND	1,2,3,4	981,344	0	624,045
INTERDIGITAL INC	COM	45867G101	3,743	83,862	SH	DFND	1,2,3,4	83,862	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	6,493	241,542	SH	DFND	1,2,3,4	241,542	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	169,774	1,530,464	SH	DFND	1,2,3,4	1,318,131	0	212,333
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	578,734	5,669,413	SH	DFND	1,2,3,4	3,903,161	0	1,766,252
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	24,162	236,692	SH	DFND	1,2,3,4,6	206,162	0	30,530
INTERNATIONAL MNY EXPRESS IN	COM	46005L101	193	21,100	SH	DFND	1,2,3,4	21,100	0	0
INTL PAPER CO	COM	460146103	26,140	839,717	SH	DFND	1,2,3,4	710,477	0	129,240
INTERPUBLIC GROUP COS INC	COM	460690100	18,262	1,128,006	SH	DFND	1,2,3,4	839,633	0	288,373
INTERSECT ENT INC	COM	46071F103	371	31,300	SH	DFND	1,2,3,4	31,300	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	1,555	8,165	SH	DFND	1,2,3,4	8,165	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	36,557	192,000	SH	Put	DFND	0	0	0
INTL FCSTONE INC	COM	46116V105	702	19,350	SH	DFND	1,2,3,4	16,300	0	3,050
INTRA CELLULAR THERAPIES INC	COM	46116X101	1,085	70,610	SH	DFND	1,2,3,4	70,610	0	0
INTUIT	COM	461202103	110,498	480,426	SH	DFND	1,2,3,4	383,464	0	96,962
INVACARE CORP	COM	461203101	459	61,811	SH	DFND	1,2,3,4	55,511	0	6,300
INTUITIVE SURGICAL INC	COM NEW	46120E602	966,607	1,951,913	SH	DFND	1,2,3,4	1,797,105	0	154,808
INTRICON CORP	COM	46121H109	175	14,900	SH	DFND	1,2,3,4	14,900	0	0

INTREPID POTASH INC	COM	46121Y102	21	26,200	SH	DFND	1,2,3,4	26,200	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	916	268,595	SH	DFND	1,2,3,4	233,703	0	34,892
INVESTAR HLDG CORP	COM	46134L105	2,004	156,913	SH	DFND	1,2,3,4	156,913	0	0
INVESCO DB COMMDY INDX TRCK	UNIT	46138B103	5,120	455,130	SH	DFND	1,2,3,4	455,130	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	2,545	318,550	SH	DFND	1,2,3,4	318,550	0	0
INVESTORS REAL ESTATE TR	SH BEN INT	461730509	1,153	20,958	SH	DFND	1,2,3,4	18,767	0	2,191
INVESTORS TITLE CO	COM	461804106	269	2,100	SH	DFND	1,2,3,4	2,100	0	0
INVITAE CORP	COM	46185L103	1,431	104,700	SH	DFND	1,2,3,4	104,700	0	0
INVITATION HOMES INC	COM	46187W107	12,614	590,261	SH	DFND	1,2,3,4	537,195	0	53,066
IONIS PHARMACEUTICALS INC	COM	462222100	3,260	68,958	SH	DFND	1,2,3,4	51,601	0	17,357
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	42,909	1,433,392	SH	DFND	1,2,3,4	1,360,332	0	73,060
IRADIMED CORP	COM	46266A109	211	9,900	SH	DFND	1,2,3,4	9,900	0	0
IQVIA HLDGS INC	COM	46266C105	485,133	4,497,804	SH	DFND	1,2,3,4	3,314,239	0	1,183,565
IQVIA HLDGS INC	COM	46266C105	43,086	399,465	SH	DFND	1,2,3,4,6	350,327	0	49,138
IQIYI INC	SPONSORED ADS	46267X108	612	34,354	SH	DFND	1,2,3,4	34,354	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	3,460	154,940	SH	DFND	1,2,3,4	134,100	0	20,840
IROBOT CORP	COM	462726100	1,776	43,435	SH	DFND	1,2,3,4	36,917	0	6,518
IRON MTN INC NEW	COM	46284V101	12,976	545,231	SH	DFND	1,2,3,4	487,030	0	58,201
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	2,460	243,760	SH	DFND	1,2,3,4	243,760	0	0
ISHARES GOLD TRUST	ISHARES	464285105	416	27,607	SH	DFND	1,2,3,4	27,607	0	0
ISHARES INC	MIN VOL GBL ETF	464286525	1,752	21,809	SH	DFND	1,2,3,4	1,185	0	20,624
ISHARES TR	S&P 100 ETF	464287101	237	2,000	SH	DFND	1,2,3,4	0	0	2,000
ISHARES TR	CORE S&P TTL STK	464287150	245,906	4,298,301	SH	DFND	1,2,3,4	3,969,813	0	328,488
ISHARES TR	SELECT DIVID ETF	464287168	437	5,941	SH	DFND	1,2,3,4	5,901	0	40
ISHARES TR	CORE S&P500 ETF	464287200	485,612	1,879,305	SH	DFND	1,2,3,4	1,738,434	0	140,871
ISHARES TR	CORE US AGGBD ET	464287226	15,872	137,575	SH	DFND	1,2,3,4	136,853	0	722
ISHARES TR	MSCI EMG MKT ETF	464287234	3,982	116,659	SH	DFND	1,2,3,4	110,473	0	6,186
ISHARES TR	IBOXX INV CP ETF	464287242	3,299	26,710	SH	DFND	1,2,3,4	26,538	0	172
ISHARES TR	S&P 500 GRWT ETF	464287309	5,050	30,597	SH	DFND	1,2,3,4	30,597	0	0
ISHARES TR	GLOB HLTHCRE ETF	464287325	1,443	23,674	SH	DFND	1,2,3,4	23,674	0	0
ISHARES TR	GLOBAL ENERG ETF	464287341	23,353	1,382,671	SH	DFND	1,2,3,4	1,382,671	0	0
ISHARES TR	S&P 500 VAL ETF	464287408	1,428	14,834	SH	DFND	1,2,3,4	14,834	0	0
ISHARES TR	20 YR TR BD ETF	464287432	22,265	134,963	SH	DFND	1,2,3,4	67,581	0	67,382
ISHARES TR	1 3 YR TREAS BD	464287457	70,129	809,146	SH	DFND	1,2,3,4	809,146	0	0
ISHARES TR	MSCI EAFE ETF	464287465	41,165	770,015	SH	DFND	1,2,3,4	760,499	0	9,516
ISHARES TR	RUS MDCP VAL ETF	464287473	1,459	22,767	SH	DFND	1,2,3,4	0	0	22,767
ISHARES TR	RUS MID CAP ETF	464287499	892	20,669	SH	DFND	1,2,3,4	20,409	0	260
ISHARES TR	CORE S&P MCP ETF	464287507	1,777	12,355	SH	DFND	1,2,3,4	9,532	0	2,823
ISHARES TR	RUS 1000 VAL ETF	464287598	18,705	188,600	SH	DFND	1,2,3,4	180,580	0	8,020
ISHARES TR	S&P MC 400GR ETF	464287606	1,623	9,092	SH	DFND	1,2,3,4	6,555	0	2,537

ISHARES TR	RUS 1000 GRW ETF	464287614	10,335	68,603	SH	DFND	1,2,3,4	60,078	0	8,525
ISHARES TR	RUS 1000 ETF	464287622	1,683	11,891	SH	DFND	1,2,3,4	10,297	0	1,594
ISHARES TR	RUS 2000 VAL ETF	464287630	4,026	49,079	SH	DFND	1,2,3,4	24,000	0	25,079
ISHARES TR	RUS 2000 GRW ETF	464287648	77,536	490,205	SH	DFND	1,2,3,4	488,725	0	1,480
ISHARES TR	RUSSELL 2000 ETF	464287655	53,550	467,846	SH	DFND	1,2,3,4	302,165	0	165,681
ISHARES TR	RUSSELL 2000 ETF	464287655	16,024	140,000	SH	Put	DFND	1,2,3,4	0	0
ISHARES TR	RUSSELL 3000 ETF	464287689	1,643	11,076	SH	DFND	1,2,3,4	11,076	0	0
ISHARES TR	U.S. TECH ETF	464287721	1,427	6,983	SH	DFND	1,2,3,4	6,983	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	770	13,728	SH	DFND	1,2,3,4	9,388	0	4,340
ISHARES TR	SP SMCP600VL ETF	464287879	215	2,150	SH	DFND	1,2,3,4	2,135	0	15
ISHARES TR	MSCI AC ASIA ETF	464288182	42,894	718,245	SH	DFND	1,2,3,4	718,245	0	0
ISHARES TR	MSCI ACWI ETF	464288257	59,337	948,330	SH	DFND	1,2,3,4	768,973	0	179,357
ISHARES TR	JPMORGAN USD EMG	464288281	41,318	427,368	SH	DFND	1,2,3,4	427,368	0	0
ISHARES TR	NEW YORK MUN ETF	464288323	1,064	18,830	SH	DFND	1,2,3,4	18,830	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	6,154	54,457	SH	DFND	1,2,3,4	30,430	0	24,027
ISHARES TR	IBOXX HI YD ETF	464288513	1,576	20,444	SH	DFND	1,2,3,4	20,444	0	0
ISHARES TR	MBS ETF	464288588	23,310	211,065	SH	DFND	1,2,3,4	210,783	0	282
ISHARES TR	SHORT TREAS BD	464288679	1,746	15,727	SH	DFND	1,2,3,4	15,727	0	0
ISHARES TR	PFD AND INCM SEC	464288687	7,803	245,066	SH	DFND	1,2,3,4	85,566	0	159,500
ISHARES TR	US HOME CONS ETF	464288752	4,872	168,400	SH	DFND	1,2,3,4	71,400	0	97,000
ISHARES TR	EAFE VALUE ETF	464288877	81,049	2,270,925	SH	DFND	1,2,3,4	2,270,925	0	0
ISHARES TR	LNG TR CRPRT BD	464289511	2,399	37,703	SH	DFND	1,2,3,4	37,703	0	0
ISHARES TR	MSCI CHINA ETF	46429B671	24,068	420,399	SH	DFND	1,2,3,4	420,399	0	0
ISHARES TR	MIN VOL EAFE ETF	46429B689	12,951	208,722	SH	DFND	1,2,3,4	208,722	0	0
ISHARES TR	CORE MSCI TOTAL	46432F834	245,150	5,214,851	SH	DFND	1,2,3,4	4,871,434	0	343,417
ISHARES TR	CORE MSCI EAFE	46432F842	247,854	4,968,001	SH	DFND	1,2,3,4	4,781,899	0	186,102
ISHARES INC	CORE MSCI EMKT	46434G103	155,979	3,854,193	SH	DFND	1,2,3,4	3,758,158	0	96,035
ISHARES INC	MSCI TAIWAN ETF	46434G772	1,232	37,373	SH	DFND	1,2,3,4	37,373	0	0
ISHARES INC	MSCI JPN ETF NEW	46434G822	52,072	1,054,311	SH	DFND	1,2,3,4	970,324	0	83,987
ISHARES INC	MSCI GBL ETF NEW	46434G848	11,893	616,207	SH	DFND	1,2,3,4	616,207	0	0
ISHARES TR	EXPONENTIAL TECH	46434V381	330	9,278	SH	DFND	1,2,3,4	8,534	0	744
ISHARES TR	MSCI QATAR ETF	46434V779	196	13,470	SH	DFND	1,2,3,4	13,470	0	0
ISHARES TR	HDG MSCI EAFE	46434V803	9,848	406,790	SH	DFND	1,2,3,4	406,790	0	0
ISHARES TR	HDG MSCI JAPAN	46434V886	573	21,052	SH	DFND	1,2,3,4	21,052	0	0
ITERIS INC	COM	46564T107	85	26,500	SH	DFND	1,2,3,4	26,500	0	0
I3 VERTICALS INC	COM CL A	46571Y107	378	19,800	SH	DFND	1,2,3,4	19,800	0	0
ITRON INC	COM	465741106	3,124	55,955	SH	DFND	1,2,3,4	48,300	0	7,655
JBG SMITH PTYS	COM	46590V100	8,087	254,055	SH	DFND	1,2,3,4	241,954	0	12,101
J & J SNACK FOODS	COM	466032109	2,969	24,540	SH	DFND	1,2,3,4	21,244	0	3,296

CORP										
JPMORGAN CHASE & CO	COM	46625H100	1,059,150	11,764,410	SH	DFND	1,2,3,4	11,102,890	0	661,520
JABIL INC	COM	466313103	7,453	303,224	SH	DFND	1,2,3,4	287,354	0	15,870
JACK IN THE BOX INC	COM	466367109	2,065	58,926	SH	DFND	1,2,3,4	58,926	0	0
JACOBS ENGR GROUP INC	COM	469814107	264,557	3,337,413	SH	DFND	1,2,3,4	3,189,995	0	147,418
JD COM INC	SPON ADR CL A	47215P106	27,455	677,912	SH	DFND	1,2,3,4	663,565	0	14,347
JEFFERIES FINL GROUP INC	COM	47233W109	6,150	449,862	SH	DFND	1,2,3,4	423,681	0	26,181
JELD-WEN HLDG INC	COM	47580P103	832	85,544	SH	DFND	1,2,3,4	85,544	0	0
JERNIGAN CAP INC	COM	476405105	329	30,000	SH	DFND	1,2,3,4	30,000	0	0
JETBLUE AWYS CORP	COM	477143101	18,039	2,015,541	SH	DFND	1,2,3,4	1,816,737	0	198,804
JINKOSOLAR HLDG CO LTD	SPONSORED ADR	47759T100	1,015	68,318	SH	DFND	1,2,3,4	68,318	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	45,523	612,940	SH	DFND	1,2,3,4	569,516	0	43,424
JOHNSON & JOHNSON	COM	478160104	1,418,551	10,817,902	SH	DFND	1,2,3,4	9,740,606	0	1,077,296
JOHNSON OUTDOORS INC	CL A	479167108	364	5,800	SH	DFND	1,2,3,4	5,800	0	0
JONES LANG LASALLE INC	COM	48020Q107	9,089	90,006	SH	DFND	1,2,3,4	83,442	0	6,564
JOUNCE THERAPEUTICS INC	COM	481116101	238	50,200	SH	DFND	1,2,3,4	50,200	0	0
J2 GLOBAL INC	COM	48123V102	13,383	178,795	SH	DFND	1,2,3,4	178,795	0	0
JUNIPER NETWORKS INC	COM	48203R104	102,392	5,349,635	SH	DFND	1,2,3,4	4,532,221	0	817,414
KAR AUCTION SVCS INC	COM	48238T109	2,816	234,674	SH	DFND	1,2,3,4	217,820	0	16,854
KB FINL GROUP INC	SPONSORED ADR	48241A105	405	14,908	SH	DFND	1,2,3,4	13,120	0	1,788
KBR INC	COM	48242W106	13,506	653,075	SH	DFND	1,2,3,4	653,075	0	0
KLA CORPORATION	COM NEW	482480100	215,434	1,498,773	SH	DFND	1,2,3,4	1,354,222	0	144,551
KKR REAL ESTATE FIN TR INC	COM	48251K100	598	39,822	SH	DFND	1,2,3,4	33,500	0	6,322
KKR & CO INC	CL A	48251W104	768	32,743	SH	DFND	1,2,3,4	19,843	0	12,900
KLX ENERGY SERVICES HOLDNGS I	COM	48253L106	25	36,082	SH	DFND	1,2,3,4	32,132	0	3,950
KT CORP	SPONSORED ADR	48268K101	3,356	431,321	SH	DFND	1,2,3,4	431,321	0	0
KVH INDS INC	COM	482738101	122	12,900	SH	DFND	1,2,3,4	12,900	0	0
K12 INC	COM	48273U102	792	41,984	SH	DFND	1,2,3,4	41,984	0	0
KADANT INC	COM	48282T104	2,400	32,150	SH	DFND	1,2,3,4	32,150	0	0
KADMON HLDGS INC	COM	48283N106	2,956	705,562	SH	DFND	1,2,3,4	705,562	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	1,731	24,980	SH	DFND	1,2,3,4	21,470	0	3,510
KALA PHARMACEUTICALS INC	COM	483119103	381	43,400	SH	DFND	1,2,3,4	43,400	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	94	12,300	SH	DFND	1,2,3,4	12,300	0	0
KAMAN CORP	COM	483548103	1,639	42,614	SH	DFND	1,2,3,4	36,594	0	6,020
KANSAS CITY SOUTHERN	COM NEW	485170302	114,615	901,206	SH	DFND	1,2,3,4	824,370	0	76,836
KARUNA THERAPEUTICS INC	COM	48576A100	1,309	18,183	SH	DFND	1,2,3,4	18,183	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	1,722	89,630	SH	DFND	1,2,3,4	89,630	0	0
KB HOME	COM	48666K109	3,923	216,715	SH	DFND	1,2,3,4	216,715	0	0
KEARNY FINL CORP MD	COM	48716P108	1,346	156,708	SH	DFND	1,2,3,4	156,708	0	0
KELLOGG CO	COM	487836108	24,052	400,930	SH	DFND	1,2,3,4	348,056	0	52,874
KELLY SVCS INC	CL A	488152208	527	41,554	SH	DFND	1,2,3,4	35,354	0	6,200
KEMET CORP	COM NEW	488360207	25,202	1,043,134	SH	DFND	1,2,3,4	938,025	0	105,109
KEMPER CORP DEL	COM	488401100	121,199	1,629,673	SH	DFND	1,2,3,4	1,366,267	0	263,406
KENNAMETAL INC	COM	489170100	66,557	3,574,494	SH	DFND	1,2,3,4	2,988,384	0	586,110
KENNEDY-WILSON HLDGS INC	COM	489398107	2,727	203,220	SH	DFND	1,2,3,4	203,220	0	0

KEURIG DR PEPPER INC	COM	49271V100	2,615	107,758	SH	DFND	1,2,3,4	97,629	0	10,129
KEYCORP	COM	493267108	19,246	1,855,923	SH	DFND	1,2,3,4	1,424,300	0	431,623
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	88,118	1,053,032	SH	DFND	1,2,3,4	716,540	0	336,492
KEZAR LIFE SCIENCES INC	COM	49372L100	75	17,100	SH	DFND	1,2,3,4	17,100	0	0
KFORCE INC	COM	493732101	2,608	102,010	SH	DFND	1,2,3,4	102,010	0	0
KIMBALL INTL INC	CL B	494274103	1,744	146,394	SH	DFND	1,2,3,4	146,394	0	0
KILROY RLTY CORP	COM	49427F108	26,791	420,574	SH	DFND	1,2,3,4	406,664	0	13,910
KIMBALL ELECTRONICS INC	COM	49428J109	270	24,684	SH	DFND	1,2,3,4	24,684	0	0
KIMBERLY CLARK CORP	COM	494368103	85,569	669,190	SH	DFND	1,2,3,4	590,010	0	79,180
KIMCO RLTY CORP	COM	49446R109	20,338	2,103,215	SH	DFND	1,2,3,4	2,031,241	0	71,974
KINDER MORGAN INC DEL	COM	49456B101	49,168	3,532,180	SH	DFND	1,2,3,4	3,223,049	0	309,131
KINDRED BIOSCIENCES INC	COM	494577109	144	36,100	SH	DFND	1,2,3,4	36,100	0	0
KINROSS GOLD CORP	COM	496902404	734	184,327	SH	DFND	1,2,3,4	184,327	0	0
KINSALE CAP GROUP INC	COM	49714P108	3,395	32,474	SH	DFND	1,2,3,4	28,000	0	4,474
KIRBY CORP	COM	497266106	4,596	105,731	SH	DFND	1,2,3,4	99,831	0	5,900
KIRKLAND LAKE GOLD LTD	COM	49741E100	4,461	150,708	SH	DFND	1,2,3,4	150,708	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	1,549	163,565	SH	DFND	1,2,3,4	144,780	0	18,785
KNOLL INC	COM NEW	498904200	8,673	840,435	SH	DFND	1,2,3,4	662,221	0	178,214
KNIGHT SWIFT TRANSN HLDGS IN	CL A	499049104	198,880	6,063,429	SH	DFND	1,2,3,4	5,401,806	0	661,623
KNOWLES CORP	COM	49926D109	1,784	133,351	SH	DFND	1,2,3,4	114,531	0	18,820
KODIAK SCIENCES INC	COM	50015M109	1,512	31,700	SH	DFND	1,2,3,4	31,700	0	0
KOHL'S CORP	COM	500255104	3,810	261,132	SH	DFND	1,2,3,4	229,213	0	31,919
KONINKLIJKE PHILIPS N V	NY REG SH NEW	500472303	48,491	1,207,446	SH	DFND	1,2,3,4	73,377	0	1,134,069
KONTOOR BRANDS INC	COM	50050N103	1,317	68,720	SH	DFND	1,2,3,4	58,237	0	10,483
KOPPERS HOLDINGS INC	COM	50060P106	355	28,663	SH	DFND	1,2,3,4	24,763	0	3,900
KORN FERRY	COM NEW	500643200	2,240	92,104	SH	DFND	1,2,3,4	80,184	0	11,920
KOSMOS ENERGY LTD	COM	500688106	111	124,225	SH	DFND	1,2,3,4	88,430	0	35,795
KRAFT HEINZ CO	COM	500754106	23,608	954,248	SH	DFND	1,2,3,4	879,912	0	74,336
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	1,520	109,800	SH	DFND	1,2,3,4	109,800	0	0
KRATON CORPORATION	COM	50077C106	406	50,080	SH	DFND	1,2,3,4	42,600	0	7,480
KROGER CO	COM	501044101	43,762	1,452,938	SH	DFND	1,2,3,4	1,311,146	0	141,792
KRONOS WORLDWIDE INC	COM	50105F105	302	35,800	SH	DFND	1,2,3,4	35,800	0	0
KRYSTAL BIOTECH INC	COM	501147102	493	11,400	SH	DFND	1,2,3,4	11,400	0	0
KULICKE & SOFFA INDS INC	COM	501242101	97,794	4,685,858	SH	DFND	1,2,3,4	3,890,468	0	795,390
KURA ONCOLOGY INC	COM	50127T109	375	37,700	SH	DFND	1,2,3,4	37,700	0	0
L BRANDS INC	COM	501797104	4,972	430,120	SH	DFND	1,2,3,4	346,903	0	83,217
LCNB CORP	COM	50181P100	161	12,800	SH	DFND	1,2,3,4	12,800	0	0
LHC GROUP INC	COM	50187A107	71,313	508,653	SH	DFND	1,2,3,4	474,889	0	33,764
LGI HOMES INC	COM	50187T106	1,257	27,840	SH	DFND	1,2,3,4	23,400	0	4,440
LKQ CORP	COM	501889208	64,372	3,138,572	SH	DFND	1,2,3,4	3,075,911	0	62,661
LCI INDS	COM	50189K103	5,195	77,737	SH	DFND	1,2,3,4	72,367	0	5,370
LPL FINL HLDGS INC	COM	50212V100	32,996	606,216	SH	DFND	1,2,3,4	576,273	0	29,943
LSB INDS INC	COM	502160104	80	38,000	SH	DFND	1,2,3,4	33,900	0	4,100
LTC PPTYS INC	COM	502175102	2,411	78,018	SH	DFND	1,2,3,4	69,448	0	8,570
L3HARRIS TECHNOLOGIES INC	COM	502431109	375,663	2,085,627	SH	DFND	1,2,3,4	1,976,259	0	109,368
LA JOLLA PHARMACEUTICAL CO	COM PAR \$,0001 2	503459604	333	79,400	SH	DFND	1,2,3,4	79,400	0	0
LA Z BOY INC	COM	505336107	1,437	69,926	SH	DFND	1,2,3,4	59,854	0	10,072
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	81,950	648,390	SH	DFND	1,2,3,4	400,749	0	247,641
LADDER CAP CORP	CL A	505743104	706	148,902	SH	DFND	1,2,3,4	148,902	0	0

LAKELAND BANCORP INC	COM	511637100	541	50,045	SH	DFND	1,2,3,4	50,045	0	0
LAKELAND FINL CORP	COM	511656100	1,206	32,817	SH	DFND	1,2,3,4	32,817	0	0
LAM RESEARCH CORP	COM	512807108	94,361	393,170	SH	DFND	1,2,3,4	345,197	0	47,973
LAMAR ADVERTISING CO NEW	CL A	512816109	8,709	169,840	SH	DFND	1,2,3,4	156,096	0	13,744
LAMB WESTON HLDGS INC	COM	513272104	15,717	275,255	SH	DFND	1,2,3,4	199,664	0	75,591
LANCASTER COLONY CORP	COM	513847103	7,214	49,878	SH	DFND	1,2,3,4	49,878	0	0
LANDEC CORP	COM	514766104	255	29,300	SH	DFND	1,2,3,4	29,300	0	0
LANDSTAR SYS INC	COM	515098101	9,654	100,709	SH	DFND	1,2,3,4	95,490	0	5,219
LANDS END INC NEW	COM	51509F105	111	20,740	SH	DFND	1,2,3,4	20,740	0	0
LANNET INC	COM	516012101	540	77,650	SH	DFND	1,2,3,4	71,400	0	6,250
LANTHEUS HLDGS INC	COM	516544103	844	66,150	SH	DFND	1,2,3,4	58,800	0	7,350
LAREDO PETROLEUM INC	COM	516806106	54	142,480	SH	DFND	1,2,3,4	108,580	0	33,900
LAS VEGAS SANDS CORP	COM	517834107	137,088	3,227,867	SH	DFND	1,2,3,4	2,071,839	0	1,156,028
LATTICE SEMICONDUCTOR CORP	COM	518415104	123,903	6,953,036	SH	DFND	1,2,3,4	6,374,278	0	578,758
LAUDER ESTEE COS INC	CL A	518439104	117,180	735,407	SH	DFND	1,2,3,4	675,348	0	60,059
LAUREATE EDUCATION INC	CL A	518613203	1,496	142,300	SH	DFND	1,2,3,4	142,300	0	0
LEAR CORP	COM NEW	521865204	69,381	853,920	SH	DFND	1,2,3,4	738,770	0	115,150
LEGGETT & PLATT INC	COM	524660107	5,731	214,798	SH	DFND	1,2,3,4	191,972	0	22,826
LEGG MASON INC	COM	524901105	20,845	426,720	SH	DFND	1,2,3,4	418,171	0	8,549
LEIDOS HOLDINGS INC	COM	525327102	86,752	946,563	SH	DFND	1,2,3,4	923,350	0	23,213
LEMAITRE VASCULAR INC	COM	525558201	536	21,500	SH	DFND	1,2,3,4	18,400	0	3,100
LENDINGCLUB CORP	COM NEW	52603A208	708	90,180	SH	DFND	1,2,3,4	90,180	0	0
LENDINGTREE INC NEW	COM	52603B107	2,000	10,906	SH	DFND	1,2,3,4	9,906	0	1,000
LENNAR CORP	CL A	526057104	72,992	1,910,776	SH	DFND	1,2,3,4	1,656,280	0	254,496
LENNAR CORP	CL B	526057302	339	11,717	SH	DFND	1,2,3,4	9,973	0	1,744
LENNOX INTL INC	COM	526107107	20,456	112,523	SH	DFND	1,2,3,4	104,311	0	8,212
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	277	141,803	SH	DFND	1,2,3,4	141,803	0	0
LEXINGTON REALTY TRUST	COM	529043101	4,566	459,770	SH	DFND	1,2,3,4	404,388	0	55,382
LIBERTY BROADBAND CORP	COM SER A	530307107	1,718	16,058	SH	DFND	1,2,3,4	13,602	0	2,456
LIBERTY BROADBAND CORP	COM SER C	530307305	12,147	109,713	SH	DFND	1,2,3,4	92,961	0	16,752
LIBERTY MEDIA CORP	DEB 3.750% 2/1	530715AL5	9,789	15,060,401	PRN	DFND	1,2,3,4	15,060,401	0	0
LIBERTY OILFIELD SVCS INC	COM CL A	53115L104	217	80,800	SH	DFND	1,2,3,4	80,800	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	2,757	86,988	SH	DFND	1,2,3,4	78,582	0	8,406
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	3,881	122,726	SH	DFND	1,2,3,4	107,490	0	15,236
LIBERTY MEDIA CORP DEL	COM A BRAVES GRP	531229706	381	19,540	SH	DFND	1,2,3,4	19,540	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	3,325	122,102	SH	DFND	1,2,3,4	102,500	0	19,602
LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	409	15,852	SH	DFND	1,2,3,4	13,451	0	2,401
LIBERTY MEDIA CORP DEL	COM C BRAVES GRP	531229888	761	39,943	SH	DFND	1,2,3,4	39,943	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	159	88,102	SH	DFND	1,2,3,4	88,100	0	2
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	4,955	68,141	SH	DFND	1,2,3,4	68,141	0	0
LIFE STORAGE INC	COM	53223X107	9,466	100,112	SH	DFND	1,2,3,4	95,512	0	4,600
LILLY ELI & CO	COM	532457108	372,131	2,682,608	SH	DFND	1,2,3,4	2,439,083	0	243,525
LIMELIGHT NETWORKS INC	COM	53261M104	629	110,300	SH	DFND	1,2,3,4	110,300	0	0

LIMESTONE BANCORP INC	COM	53262L105	2,799	251,239	SH	DFND	1,2,3,4	251,239	0	0
LIMONEIRA CO	COM	532746104	219	16,700	SH	DFND	1,2,3,4	16,700	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	7,005	101,518	SH	DFND	1,2,3,4	93,726	0	7,792
LINCOLN NATL CORP IND	COM	534187109	8,438	320,588	SH	DFND	1,2,3,4	280,870	0	39,718
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	151	36,300	SH	DFND	1,2,3,4	36,300	0	0
LINDSAY CORP	COM	535555106	1,991	21,743	SH	DFND	1,2,3,4	19,693	0	2,050
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	83	100,200	SH	DFND	1,2,3,4	100,200	0	0
LIONS GATE ENTMNT CORP	CL A VTG	535919401	98	16,075	SH	DFND	1,2,3,4	11,160	0	4,915
LIONS GATE ENTMNT CORP	CL B NON VTG	535919500	236	42,367	SH	DFND	1,2,3,4	31,186	0	11,181
LIQUIDITY SERVICES INC	COM	53635B107	81	20,850	SH	DFND	1,2,3,4	15,800	0	5,050
LITHIA MTRS INC	CL A	536797103	5,565	68,042	SH	DFND	1,2,3,4	63,142	0	4,900
LITTELFUSE INC	COM	537008104	112,900	846,199	SH	DFND	1,2,3,4	785,319	0	60,880
LIVE NATION ENTERTAINMENT IN	COM	538034109	9,553	210,147	SH	DFND	1,2,3,4	182,223	0	27,924
LIVE OAK BANCSHARES INC	COM	53803X105	359	28,800	SH	DFND	1,2,3,4	28,800	0	0
LIVEPERSON INC	COM	538146101	2,379	104,570	SH	DFND	1,2,3,4	91,260	0	13,310
LIVENT CORP	COM	53814L108	1,103	210,029	SH	DFND	1,2,3,4	175,819	0	34,210
LIVERAMP HLDGS INC	COM	53815P108	5,663	172,037	SH	DFND	1,2,3,4	172,037	0	0
LIVEXLIVE MEDIA INC	COM NEW	53839L208	20	12,900	SH	DFND	1,2,3,4	12,900	0	0
LIVONGO HEALTH INC	COM	539183103	1,995	69,914	SH	DFND	1,2,3,4	69,914	0	0
LOCKHEED MARTIN CORP	COM	539830109	200,815	592,463	SH	DFND	1,2,3,4	521,527	0	70,936
LOEWS CORP	COM	540424108	14,828	425,720	SH	DFND	1,2,3,4	374,224	0	51,496
LOGMEIN INC	COM	54142L109	13,292	159,610	SH	DFND	1,2,3,4	154,905	0	4,705
LORAL SPACE & COMMUNICATNS I	COM	543881106	278	17,137	SH	DFND	1,2,3,4	17,137	0	0
LOUISIANA PAC CORP	COM	546347105	6,681	388,896	SH	DFND	1,2,3,4	388,896	0	0
LOVESAC COMPANY	COM	54738L109	9,072	1,556,150	SH	DFND	1,2,3,4	1,466,074	0	90,076
LOWES COS INC	COM	548661107	109,130	1,268,216	SH	DFND	1,2,3,4	1,016,941	0	251,275
LULULEMON ATHLETICA INC	COM	550021109	51,246	270,358	SH	DFND	1,2,3,4	89,298	0	181,060
LUMBER LIQUIDATORS HLDGS INC	COM	55003T107	69	14,740	SH	DFND	1,2,3,4	9,340	0	5,400
LUMENTUM HLDGS INC	COM	55024U109	44,527	604,167	SH	DFND	1,2,3,4	287,383	0	316,784
LUMINEX CORP DEL	COM	55027E102	1,561	56,719	SH	DFND	1,2,3,4	48,869	0	7,850
LUTHER BURBANK CORP	COM	550550107	211	23,000	SH	DFND	1,2,3,4	23,000	0	0
LYDALL INC DEL	COM	550819106	141	21,850	SH	DFND	1,2,3,4	18,600	0	3,250
LYFT INC	CL A COM	55087P104	2,839	105,750	SH	DFND	1,2,3,4	86,250	0	19,500
M & T BK CORP	COM	55261F104	22,074	213,420	SH	DFND	1,2,3,4	187,081	0	26,339
MBIA INC	COM	55262C100	981	137,400	SH	DFND	1,2,3,4	137,400	0	0
M D C HLDGS INC	COM	552676108	1,650	71,142	SH	DFND	1,2,3,4	60,342	0	10,800
MDU RES GROUP INC	COM	552690109	7,584	352,767	SH	DFND	1,2,3,4	332,801	0	19,966
MDC PARTNERS INC	CL A SUB VTG	552697104	74	50,750	SH	DFND	1,2,3,4	50,750	0	0
MFA FINL INC	COM	55272X102	481	310,062	SH	DFND	1,2,3,4	265,507	0	44,555
MGE ENERGY INC	COM	55277P104	3,340	51,020	SH	DFND	1,2,3,4	51,020	0	0
MEI PHARMA INC	COM NEW	55279B202	37	22,800	SH	DFND	1,2,3,4	22,800	0	0
MGIC INVT CORP WIS	COM	552848103	3,011	474,228	SH	DFND	1,2,3,4	439,828	0	34,400
MGM RESORTS INTERNATIONAL	COM	552953101	9,347	792,147	SH	DFND	1,2,3,4	702,306	0	89,841
MGM GROWTH PPTYS LLC	CL A COM	55303A105	134,906	5,699,451	SH	DFND	1,2,3,4	5,076,273	0	623,178
MGP INGREDIENTS INC NEW	COM	55303J106	573	21,300	SH	DFND	1,2,3,4	18,800	0	2,500
M/I HOMES INC	COM	55305B101	573	34,650	SH	DFND	1,2,3,4	29,100	0	5,550
MKS INSTRS INC	COM	55306N104	60,789	746,335	SH	DFND	1,2,3,4	690,095	0	56,240
MRC GLOBAL INC	COM	55345K103	23,525	5,522,195	SH	DFND	1,2,3,4	4,660,040	0	862,155

MSA SAFETY INC	COM	553498106	9,098	89,906	SH	DFND	1,2,3,4	89,906	0	0
MSC INDL DIRECT INC	CL A	553530106	8,686	158,012	SH	DFND	1,2,3,4	153,737	0	4,275
MSCI INC	COM	55354G100	163,148	564,604	SH	DFND	1,2,3,4	343,886	0	220,718
MSG NETWORK INC	CL A	553573106	742	72,700	SH	DFND	1,2,3,4	72,700	0	0
MTS SYS CORP	COM	553777103	570	25,320	SH	DFND	1,2,3,4	21,339	0	3,981
MYR GROUP INC DEL	COM	55405W104	401	15,304	SH	DFND	1,2,3,4	11,400	0	3,904
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	1,250	66,051	SH	DFND	1,2,3,4	66,051	0	0
MACATAWA BK CORP	COM	554225102	224	31,400	SH	DFND	1,2,3,4	31,400	0	0
MACERICH CO	COM	554382101	1,499	266,192	SH	DFND	1,2,3,4	252,254	0	13,938
MACK CALI RLTY CORP	COM	554489104	3,892	255,575	SH	DFND	1,2,3,4	255,575	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	3,175	125,725	SH	DFND	1,2,3,4	118,530	0	7,195
MACROGENICS INC	COM	556099109	439	75,400	SH	DFND	1,2,3,4	75,400	0	0
MACYS INC	COM	55616P104	2,575	524,485	SH	DFND	1,2,3,4	470,714	0	53,771
MADDEN STEVEN LTD	COM	556269108	3,395	146,135	SH	DFND	1,2,3,4	128,841	0	17,294
MADISON SQUARE GARDEN CO NEW	CL A	55825T103	9,031	42,719	SH	DFND	1,2,3,4	28,599	0	14,120
MADRIGAL PHARMACEUTICALS INC	COM	558868105	27,423	410,764	SH	DFND	1,2,3,4	377,789	0	32,975
MAGELLAN HEALTH INC	COM NEW	559079207	1,857	38,605	SH	DFND	1,2,3,4	34,505	0	4,100
MAGENTA THERAPEUTICS INC	COM	55910K108	155	24,700	SH	DFND	1,2,3,4	24,700	0	0
MAGNA INTL INC	COM	559222401	153,843	4,819,635	SH	DFND	1,2,3,4	4,195,357	0	624,278
MAGNACHIP SEMICONDUCTOR CORP	COM	55933J203	20,358	1,842,358	SH	DFND	1,2,3,4	1,433,139	0	409,219
MAGNOLIA OIL & GAS CORP	CL A	559663109	592	148,100	SH	DFND	1,2,3,4	148,100	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	2,532	151,084	SH	DFND	1,2,3,4	151,084	0	0
MALIBU BOATS INC	COM CL A	56117J100	13,121	455,744	SH	DFND	1,2,3,4	372,181	0	83,563
MALVERN BANCORP INC	COM	561409103	2,407	196,490	SH	DFND	1,2,3,4	196,490	0	0
MAMMOTH ENERGY SVCS INC	COM	56155L108	38	51,200	SH	DFND	1,2,3,4	51,200	0	0
MANHATTAN ASSOCS INC	COM	562750109	77,832	1,562,258	SH	DFND	1,2,3,4	1,418,916	0	143,342
MANITOWOC CO INC	COM NEW	563571405	407	47,830	SH	DFND	1,2,3,4	47,830	0	0
MANNKIND CORP	COM NEW	56400P706	269	260,700	SH	DFND	1,2,3,4	260,700	0	0
MANPOWERGROUP INC	COM	56418H100	6,137	115,817	SH	DFND	1,2,3,4	108,601	0	7,216
MANTECH INTL CORP	CL A	564563104	5,017	69,035	SH	DFND	1,2,3,4	63,255	0	5,780
MANULIFE FINL CORP	COM	56501R106	3,688	294,069	SH	DFND	1,2,3,4	294,069	0	0
MARATHON OIL CORP	COM	565849106	4,320	1,313,014	SH	DFND	1,2,3,4	1,150,626	0	162,388
MARATHON PETE CORP	COM	56585A102	174,536	7,389,314	SH	DFND	1,2,3,4	5,261,125	0	2,128,189
MARCUS & MILLICHAP INC	COM	566324109	2,919	107,718	SH	DFND	1,2,3,4	102,881	0	4,837
MARCUS CORP	COM	566330106	545	44,200	SH	DFND	1,2,3,4	39,900	0	4,300
MARINEMAX INC	COM	567908108	282	27,100	SH	DFND	1,2,3,4	23,100	0	4,000
MARINUS PHARMACEUTICALS INC	COM	56854Q101	107	52,900	SH	DFND	1,2,3,4	52,900	0	0
MARKEL CORP	COM	570535104	8,477	9,136	SH	DFND	1,2,3,4	7,611	0	1,525
MARKER THERAPEUTICS INC	COM	57055L107	50	26,100	SH	DFND	1,2,3,4	26,100	0	0
MARKETAXESS HLDGS INC	COM	57060D108	25,735	77,383	SH	DFND	1,2,3,4	69,475	0	7,908
MARLIN BUSINESS SVCS CORP	COM	571157106	189	16,900	SH	DFND	1,2,3,4	16,900	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	8,578	154,339	SH	DFND	1,2,3,4	154,285	0	54
MARRONE BIO INNOVATIONS INC	COM	57165B106	10	11,900	SH	DFND	1,2,3,4	11,900	0	0
MARSH & MCLENNAN COS INC	COM	571748102	68,944	797,407	SH	DFND	1,2,3,4	681,827	0	115,580
MARRIOTT INTL INC NEW	CL A	571903202	35,933	480,317	SH	DFND	1,2,3,4	422,777	0	57,540

MARTEN TRANS LTD	COM	573075108	1,126	54,872	SH	DFND	1,2,3,4	44,882	0	9,990
MARTIN MARIETTA MATLS INC	COM	573284106	20,121	106,332	SH	DFND	1,2,3,4	94,745	0	11,587
MASCO CORP	COM	574599106	76,449	2,211,425	SH	DFND	1,2,3,4	1,924,897	0	286,528
MASIMO CORP	COM	574795100	15,769	89,028	SH	DFND	1,2,3,4	82,628	0	6,400
MASONITE INTL CORP NEW	COM	575385109	82,045	1,729,084	SH	DFND	1,2,3,4	1,453,800	0	275,284
MASTEC INC	COM	576323109	8,069	246,532	SH	DFND	1,2,3,4	246,532	0	0
MASTERCARD INC	CL A	57636Q104	1,055,309	4,368,724	SH	DFND	1,2,3,4	3,387,134	0	981,590
MASTERCARD INC	CL A	57636Q104	52,283	216,437	SH	DFND	1,2,3,4,6	187,375	0	29,062
MASTERCRAFT BOAT HLDGS INC	COM	57637H103	1,605	219,845	SH	DFND	1,2,3,4	219,845	0	0
MATADOR RES CO	COM	576485205	678	273,546	SH	DFND	1,2,3,4	268,439	0	5,107
MATCH GROUP INC	COM	57665R106	2,219	33,608	SH	DFND	1,2,3,4	26,406	0	7,202
MATERION CORP	COM	576690101	1,124	32,096	SH	DFND	1,2,3,4	27,781	0	4,315
MATRIX SVC CO	COM	576853105	1,500	158,400	SH	DFND	1,2,3,4	153,300	0	5,100
MATSON INC	COM	57686G105	1,951	63,703	SH	DFND	1,2,3,4	54,400	0	9,303
MATTEL INC	COM	577081102	5,124	581,668	SH	DFND	1,2,3,4	538,954	0	42,714
MATTHEWS INTL CORP	CL A	577128101	1,321	54,618	SH	DFND	1,2,3,4	47,668	0	6,950
MAXIM INTEGRATED PRODS INC	COM	57772K101	21,369	439,610	SH	DFND	1,2,3,4	389,000	0	50,610
MAXLINEAR INC	COM	57776J100	60,702	5,201,531	SH	DFND	1,2,3,4	4,308,158	0	893,373
MAXAR TECHNOLOGIES INC	COM	57778K105	753	70,500	SH	DFND	1,2,3,4	70,500	0	0
MAXIMUS INC	COM	577933104	50,257	863,526	SH	DFND	1,2,3,4	863,526	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	27,540	195,029	SH	DFND	1,2,3,4	167,567	0	27,462
MCDONALDS CORP	COM	580135101	282,301	1,707,296	SH	DFND	1,2,3,4	1,511,987	0	195,309
MCGRATH RENTCORP	COM	580589109	1,484	28,332	SH	DFND	1,2,3,4	28,332	0	0
MCKESSON CORP	COM	58155Q103	42,994	317,862	SH	DFND	1,2,3,4	256,995	0	60,867
MEDALLION FINL CORP	COM	583928106	32	17,100	SH	DFND	1,2,3,4	17,100	0	0
MEDALLIA INC	COM	584021109	634	31,656	SH	DFND	1,2,3,4	25,824	0	5,832
MEDICAL PPTYS TRUST INC	COM	58463J304	69,275	4,006,626	SH	DFND	1,2,3,4	3,934,595	0	72,031
MEDICINOVA INC	COM NEW	58468P206	108	29,100	SH	DFND	1,2,3,4	29,100	0	0
MEDIFAST INC	COM	58470H101	931	14,900	SH	DFND	1,2,3,4	12,700	0	2,200
MEDNAX INC	COM	58502B106	1,611	138,427	SH	DFND	1,2,3,4	130,367	0	8,060
MEDPACE HLDGS INC	COM	58506Q109	5,881	80,145	SH	DFND	1,2,3,4	74,995	0	5,150
MEET GROUP INC	COM	58513U101	3,212	547,236	SH	DFND	1,2,3,4	547,236	0	0
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	779	62,832	SH	DFND	1,2,3,4	62,832	0	0
MERCADOLIBRE INC	COM	58733R102	4,696	9,612	SH	DFND	1,2,3,4	8,412	0	1,200
MERCANTILE BANK CORP	COM	587376104	349	16,500	SH	DFND	1,2,3,4	16,500	0	0
MERCER INTL INC	COM	588056101	78	10,750	SH	DFND	1,2,3,4	0	0	10,750
MERCHANTS BANCORP IND	COM	58844R108	205	13,500	SH	DFND	1,2,3,4	13,500	0	0
MERCK & CO. INC	COM	58933Y105	897,361	11,663,131	SH	DFND	1,2,3,4	10,773,065	0	890,066
MERCURY SYS INC	COM	589378108	75,178	1,053,792	SH	DFND	1,2,3,4	994,693	0	59,099
MERCURY GENL CORP NEW	COM	589400100	1,703	41,814	SH	DFND	1,2,3,4	39,209	0	2,605
MEREDITH CORP	COM	589433101	1,222	100,030	SH	DFND	1,2,3,4	100,030	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	697	82,937	SH	DFND	1,2,3,4	74,937	0	8,000
MERIDIAN BANCORP INC MD	COM	58958U103	4,869	433,987	SH	DFND	1,2,3,4	433,987	0	0
MERIT MED SYS INC	COM	589889104	3,019	96,614	SH	DFND	1,2,3,4	86,264	0	10,350
MERITAGE HOMES CORP	COM	59001A102	2,245	61,484	SH	DFND	1,2,3,4	53,714	0	7,770
MERITOR INC	COM	59001K100	2,894	218,389	SH	DFND	1,2,3,4	203,496	0	14,893
MERSANA THERAPEUTICS INC	COM	59045L106	227	39,000	SH	DFND	1,2,3,4	39,000	0	0
MESA AIR GROUP INC	COM NEW	590479135	110	33,500	SH	DFND	1,2,3,4	33,500	0	0
MESA LABS INC	COM	59064R109	2,844	12,578	SH	DFND	1,2,3,4	11,920	0	658
META FINL GROUP INC	COM	59100U108	1,136	52,300	SH	DFND	1,2,3,4	45,800	0	6,500

METHODE ELECTRS INC	COM	591520200	1,445	54,666	SH	DFND	1,2,3,4	46,235	0	8,431
METLIFE INC	COM	59156R108	59,960	1,961,415	SH	DFND	1,2,3,4	1,702,980	0	258,435
METROCITY BANKSHARES INC	COM	59165J105	4,349	370,418	SH	DFND	1,2,3,4	370,418	0	0
METROPOLITAN BK HLDG CORP	COM	591774104	365	13,544	SH	DFND	1,2,3,4	13,544	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	162,452	235,264	SH	DFND	1,2,3,4	214,068	0	21,196
MICHAELS COS INC	COM	59408Q106	404	249,611	SH	DFND	1,2,3,4	229,003	0	20,608
MICROSOFT CORP	COM	594918104	7,193,821	45,614,236	SH	DFND	1,2,3,4	39,680,068	0	5,934,168
MICROSOFT CORP	COM	594918104	57,571	365,044	SH	DFND	1,2,3,4,6	314,852	0	50,192
MICROSTRATEGY INC	CL A NEW	594972408	1,745	14,779	SH	DFND	1,2,3,4	12,879	0	1,900
MICROCHIP TECHNOLOGY INC	COM	595017104	25,536	376,643	SH	DFND	1,2,3,4	333,456	0	43,187
MICRON TECHNOLOGY INC	COM	595112103	136,500	3,245,375	SH	DFND	1,2,3,4	2,906,789	0	338,586
MID AMER APT CMNTYS INC	COM	59522J103	339,312	3,293,328	SH	DFND	1,2,3,4	3,086,703	0	206,625
MID SOUTHERN BANCORP INC	COM	59548Q107	1,836	143,461	SH	DFND	1,2,3,4	143,461	0	0
MIDDLEBY CORP	COM	596278101	27,135	477,049	SH	DFND	1,2,3,4	469,589	0	7,460
MIDDLEFIELD BANC CORP	COM NEW	596304204	782	49,490	SH	DFND	1,2,3,4	49,490	0	0
MIDDLESEX WATER CO	COM	596680108	1,860	30,941	SH	DFND	1,2,3,4	30,941	0	0
MIDLAND STS BANCORP INC ILL	COM	597742105	484	27,691	SH	DFND	1,2,3,4	27,691	0	0
MIDWESTONE FINL GROUP INC NE	COM	598511103	253	12,100	SH	DFND	1,2,3,4	12,100	0	0
MILLER HERMAN INC	COM	600544100	3,229	145,435	SH	DFND	1,2,3,4	145,435	0	0
MILLER INDS INC TENN	COM NEW	600551204	286	10,100	SH	DFND	1,2,3,4	10,100	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	2,956	81,524	SH	DFND	1,2,3,4	81,524	0	0
MINERVA NEUROSCIENCES INC	COM	603380106	506	84,100	SH	DFND	1,2,3,4	84,100	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	4,722	61,423	SH	DFND	1,2,3,4	61,423	0	0
MISTRAS GROUP INC	COM	60649T107	84	19,640	SH	DFND	1,2,3,4	19,640	0	0
MITEK SYS INC	COM NEW	606710200	414	52,500	SH	DFND	1,2,3,4	52,500	0	0
MITSUBISHI UFJ FINL GROUP IN	SPONSORED ADS	606822104	79	21,686	SH	DFND	1,2,3,4	236	0	21,450
MOBILEIRON INC	COM NEW	60739U204	430	113,230	SH	DFND	1,2,3,4	113,230	0	0
MOBILE TELESYSTEMS PJSC	SPONSORED ADR	607409109	5,796	762,644	SH	DFND	1,2,3,4	762,644	0	0
MOBILE MINI INC	COM	60740F105	1,849	70,489	SH	DFND	1,2,3,4	60,944	0	9,545
MODEL N INC	COM	607525102	766	34,500	SH	DFND	1,2,3,4	34,500	0	0
MODERNA INC	COM	60770K107	3,544	118,321	SH	DFND	1,2,3,4	89,029	0	29,292
MODINE MFG CO	COM	607828100	155	47,800	SH	DFND	1,2,3,4	47,800	0	0
MOELIS & CO	CL A	60786M105	1,762	62,700	SH	DFND	1,2,3,4	62,700	0	0
MOHAWK INDS INC	COM	608190104	8,386	109,999	SH	DFND	1,2,3,4	98,083	0	11,916
MOLECULAR TEMPLATES INC	COM	608550109	247	18,600	SH	DFND	1,2,3,4	18,600	0	0
MOLINA HEALTHCARE INC	COM	60855R100	108,830	778,973	SH	DFND	1,2,3,4	656,258	0	122,715
MOLSON COORS BEVERAGE CO	CL B	60871R209	13,638	349,594	SH	DFND	1,2,3,4	262,633	0	86,961
MOMENTA PHARMACEUTICALS INC	COM	60877T100	6,861	252,259	SH	DFND	1,2,3,4	230,916	0	21,343
MOMO INC	ADR	60879B107	19,613	904,246	SH	DFND	1,2,3,4	904,246	0	0
MONARCH CASINO & RESORT INC	COM	609027107	540	19,250	SH	DFND	1,2,3,4	17,000	0	2,250
MONDELEZ INTL INC	CL A	609207105	110,262	2,201,715	SH	DFND	1,2,3,4	2,030,667	0	171,048
MONGODB INC	CL A	60937P106	3,402	24,915	SH	DFND	1,2,3,4	19,115	0	5,800
MONMOUTH REAL ESTATE INVT CO	CL A	609720107	1,868	155,018	SH	DFND	1,2,3,4	155,018	0	0
MONOLITHIC PWR SYS INC	COM	609839105	86,692	517,687	SH	DFND	1,2,3,4	361,960	0	155,727
MONRO INC	COM	610236101	2,245	51,250	SH	DFND	1,2,3,4	44,110	0	7,140

MONSTER BEVERAGE CORP NEW	COM	61174X109	1,006,652	17,892,853	SH	DFND	1,2,3,4	16,494,002	0	1,398,851
MONTAGE RES CORP	COM	61179L100	30	13,304	SH	DFND	1,2,3,4	13,304	0	0
MOODYS CORP	COM	615369105	113,177	535,115	SH	DFND	1,2,3,4	405,022	0	130,093
MOOG INC	CL A	615394202	2,704	53,505	SH	DFND	1,2,3,4	47,405	0	6,100
MORGAN STANLEY	COM NEW	617446448	134,404	3,953,052	SH	DFND	1,2,3,4	3,077,285	0	875,767
MORNINGSTAR INC	COM	617700109	1,209	10,399	SH	DFND	1,2,3,4	7,810	0	2,589
MORPHIC HLDG INC	COM	61775R105	154	10,500	SH	DFND	1,2,3,4	10,500	0	0
MOSAIC CO NEW	COM	61945C103	8,004	739,712	SH	DFND	1,2,3,4	668,583	0	71,129
MOTORCAR PTS AMER INC	COM	620071100	320	25,450	SH	DFND	1,2,3,4	21,900	0	3,550
MOTOROLA SOLUTIONS INC	COM NEW	620076307	243,207	1,829,721	SH	DFND	1,2,3,4	1,637,926	0	191,795
MOVADO GROUP INC	COM	624580106	203	17,150	SH	DFND	1,2,3,4	12,300	0	4,850
MUELLER INDS INC	COM	624756102	5,294	221,128	SH	DFND	1,2,3,4	208,830	0	12,298
MUELLER WTR PRODS INC	COM SER A	624758108	2,268	283,105	SH	DFND	1,2,3,4	283,105	0	0
MR COOPER GROUP INC	COM	62482R107	671	91,528	SH	DFND	1,2,3,4	91,528	0	0
MURPHY OIL CORP	COM	626717102	1,800	293,670	SH	DFND	1,2,3,4	278,815	0	14,855
MURPHY USA INC	COM	626755102	47,379	561,630	SH	DFND	1,2,3,4	561,630	0	0
MUTUALFIRST FINL INC	COM	62845B104	203	7,200	SH	DFND	1,2,3,4	7,200	0	0
MYERS INDS INC	COM	628464109	484	45,050	SH	DFND	1,2,3,4	38,400	0	6,650
MYRIAD GENETICS INC	COM	62855J104	1,714	119,800	SH	DFND	1,2,3,4	105,800	0	14,000
MYOKARDIA INC	COM	62857M105	2,949	62,900	SH	DFND	1,2,3,4	62,900	0	0
NBT BANCORP INC	COM	628778102	2,370	73,175	SH	DFND	1,2,3,4	63,715	0	9,460
NCR CORP NEW	COM	62886E108	86,166	4,868,128	SH	DFND	1,2,3,4	4,030,026	0	838,102
NCS MULTISTAGE HLDGS INC	COM	628877102	12	18,400	SH	DFND	1,2,3,4	18,400	0	0
NIC INC	COM	62914B100	4,999	217,354	SH	DFND	1,2,3,4	202,721	0	14,633
NIO INC	SPON ADS	62914V106	54	19,350	SH	DFND	1,2,3,4	19,350	0	0
NL INDS INC	COM NEW	629156407	35	11,645	SH	DFND	1,2,3,4	11,645	0	0
NMI HLDGS INC	CL A	629209305	2,319	199,706	SH	DFND	1,2,3,4	185,096	0	14,610
NGM BIOPHARMACEUTICALS INC	COM	62921N105	329	26,700	SH	DFND	1,2,3,4	26,700	0	0
NN INC	COM	629337106	66	38,400	SH	DFND	1,2,3,4	38,400	0	0
NRG ENERGY INC	COM NEW	629377508	141,322	5,184,230	SH	DFND	1,2,3,4	5,045,350	0	138,880
NVE CORP	COM NEW	629445206	263	5,057	SH	DFND	1,2,3,4	5,057	0	0
NVR INC	COM	62944T105	71,105	27,677	SH	DFND	1,2,3,4	24,881	0	2,796
NV5 GLOBAL INC	COM	62945V109	512	12,400	SH	DFND	1,2,3,4	12,400	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	832	34,600	SH	DFND	1,2,3,4	34,600	0	0
NAPCO SEC TECHNOLOGIES INC	COM	630402105	241	15,900	SH	DFND	1,2,3,4	15,900	0	0
NASDAQ INC	COM	631103108	18,298	192,711	SH	DFND	1,2,3,4	169,840	0	22,871
NATERA INC	COM	632307104	2,308	77,300	SH	DFND	1,2,3,4	77,300	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	1,314	54,970	SH	DFND	1,2,3,4	47,800	0	7,170
NATIONAL BANKSHARES INC VA	COM	634865109	274	8,600	SH	DFND	1,2,3,4	8,600	0	0
NATIONAL BEVERAGE CORP	COM	635017106	621	14,556	SH	DFND	1,2,3,4	12,200	0	2,356
NATIONAL CINEMEDIA INC	COM	635309107	225	68,873	SH	DFND	1,2,3,4	68,873	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	1,122	15,636	SH	DFND	1,2,3,4	15,636	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	5,736	153,816	SH	DFND	1,2,3,4	145,699	0	8,117
NATIONAL GEN HLDGS CORP	COM	636220303	1,658	100,200	SH	DFND	1,2,3,4	100,200	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	3,690	74,518	SH	DFND	1,2,3,4	74,518	0	0
NATIONAL INSTRS CORP	COM	636518102	6,902	208,636	SH	DFND	1,2,3,4	195,653	0	12,983
NATIONAL OILWELL VARCO INC	COM	637071101	6,129	623,501	SH	DFND	1,2,3,4	546,063	0	77,438
NATIONAL PRESTO INDS	COM	637215104	563	7,950	SH	DFND	1,2,3,4	7,000	0	950

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NATIONAL RESH CORP	COM NEW	637372202	740	16,269	SH	DFND	1,2,3,4	16,269	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	11,921	370,319	SH	DFND	1,2,3,4	353,354	0	16,965
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	66,324	2,240,659	SH	DFND	1,2,3,4	1,975,039	0	265,620
NATIONAL VISION HLDGS INC	COM	63845R107	71,054	3,658,825	SH	DFND	1,2,3,4	3,355,435	0	303,390
NATIONAL WESTN LIFE GROUP IN	CL A	638517102	1,823	10,600	SH	DFND	1,2,3,4	10,600	0	0
NATURAL GAS SERVICES GROUP	COM	63886Q109	77	17,277	SH	DFND	1,2,3,4	17,277	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	208	24,400	SH	DFND	1,2,3,4	24,400	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	81	10,000	SH	DFND	1,2,3,4	10,000	0	0
NATUS MED INC DEL	COM	639050103	1,324	57,256	SH	DFND	1,2,3,4	50,856	0	6,400
NAVISTAR INTL CORP NEW	COM	63934E108	4,467	270,900	SH	DFND	1,2,3,4	270,900	0	0
NAVISTAR INTL CORP NEW	COM	63934E108	3,298	200,000	SH Put	DFND	1,2,3,4	0	0	0
NAVIENT CORPORATION	COM	63938C108	3,792	500,221	SH	DFND	1,2,3,4	478,374	0	21,847
NEENAH INC	COM	640079109	1,133	26,266	SH	DFND	1,2,3,4	22,396	0	3,870
NEKTAR THERAPEUTICS	COM	640268108	5,463	306,045	SH	DFND	1,2,3,4	288,545	0	17,500
NELNET INC	CL A	64031N108	3,520	77,507	SH	DFND	1,2,3,4	77,507	0	0
NEOGEN CORP	COM	640491106	5,820	86,885	SH	DFND	1,2,3,4	77,035	0	9,850
NEOGENOMICS INC	COM NEW	64049M209	4,303	155,850	SH	DFND	1,2,3,4	136,200	0	19,650
NEOPHOTONICS CORP	COM	64051T100	410	56,500	SH	DFND	1,2,3,4	56,500	0	0
NETAPP INC	COM	64110D104	17,221	413,075	SH	DFND	1,2,3,4	325,314	0	87,761
NETFLIX INC	COM	64110L106	336,022	894,866	SH	DFND	1,2,3,4	794,037	0	100,829
NETEASE INC	SPONSORED ADS	64110W102	62,350	194,261	SH	DFND	1,2,3,4	188,951	0	5,310
NETGEAR INC	COM	64111Q104	1,128	49,378	SH	DFND	1,2,3,4	42,318	0	7,060
NETSCOUT SYS INC	COM	64115T104	99,571	4,206,617	SH	DFND	1,2,3,4	3,541,615	0	665,002
NEUROCRINE BIOSCIENCES INC	COM	64125C109	98,132	1,133,820	SH	DFND	1,2,3,4	1,030,356	0	103,464
NEVRO CORP	COM	64157F103	6,646	66,470	SH	DFND	1,2,3,4	66,470	0	0
NEW AGE BEVERAGES CORP	COM	64157V108	147	105,600	SH	DFND	1,2,3,4	105,600	0	0
NEW GOLD INC CDA	COM	644535106	55	106,810	SH	DFND	1,2,3,4	106,810	0	0
NEW JERSEY RES	COM	646025106	10,029	295,236	SH	DFND	1,2,3,4	295,236	0	0
NEW ORIENTAL ED & TECH GRP I	SPON ADR	647581107	127,618	1,179,025	SH	DFND	1,2,3,4	1,153,728	0	25,297
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,150	229,607	SH	DFND	1,2,3,4	187,040	0	42,567
NEW RELIC INC	COM	64829B100	1,231	26,623	SH	DFND	1,2,3,4	19,823	0	6,800
NEW SR INVT GROUP INC	COM	648691103	5,886	2,299,231	SH	DFND	1,2,3,4	2,299,231	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	7,487	797,342	SH	DFND	1,2,3,4	752,332	0	45,010
NEW YORK MTG TR INC	COM PAR \$.02	649604501	695	448,371	SH	DFND	1,2,3,4	371,700	0	76,671
NEW YORK TIMES CO	CL A	650111107	7,538	245,460	SH	DFND	1,2,3,4	228,460	0	17,000
NEWELL BRANDS INC	COM	651229106	8,295	624,630	SH	DFND	1,2,3,4	548,268	0	76,362
NEWMARKET CORP	COM	651587107	5,029	13,135	SH	DFND	1,2,3,4	12,039	0	1,096
NEWMARK GROUP INC	CL A	65158N102	925	217,743	SH	DFND	1,2,3,4	217,743	0	0
NEWMONT CORP	COM	651639106	72,843	1,608,730	SH	DFND	1,2,3,4	1,380,002	0	228,728
NEWPARK RES INC	COM PAR \$.01NEW	651718504	120	134,294	SH	DFND	1,2,3,4	117,444	0	16,850
NEWS CORP NEW	CL A	65249B109	5,539	617,121	SH	DFND	1,2,3,4	550,139	0	66,982
NEWS CORP NEW	CL B	65249B208	1,393	154,958	SH	DFND	1,2,3,4	133,895	0	21,063
NEXTIER OILFIELD SOLUTIONS	COM	65290C105	262	224,323	SH	DFND	1,2,3,4	222,125	0	2,198
NEXSTAR MEDIA GROUP INC	CL A	65336K103	2,200	38,115	SH	DFND	1,2,3,4	32,415	0	5,700
NEXTERA ENERGY INC	COM	65339F101	655,606	2,724,655	SH	DFND	1,2,3,4	2,453,143	0	271,512
NEXGEN ENERGY LTD	COM	65340P106	9	11,900	SH	DFND	1,2,3,4	11,900	0	0

NEXPOINT RESIDENTIAL TR INC	COM	65341D102	2,457	97,443	SH	DFND	1,2,3,4	94,290	0	3,153
NEXTGEN HEALTHCARE INC	COM	65343C102	1,011	96,822	SH	DFND	1,2,3,4	87,722	0	9,100
NEXTCURE INC	COM	65343E108	46,488	1,254,047	SH	DFND	1,2,3,4	1,150,644	0	103,403
NICE LTD	SPONSORED ADR	653656108	19,994	139,276	SH	DFND	1,2,3,4	115,200	0	24,076
NICOLET BANKSHARES INC	COM	65406E102	513	9,400	SH	DFND	1,2,3,4	9,400	0	0
NIKE INC	CL B	654106103	1,248,636	15,091,083	SH	DFND	1,2,3,4	13,205,001	0	1,886,082
NIKE INC	CL B	654106103	20,150	243,534	SH	DFND	1,2,3,4,6	219,675	0	23,859
NINE ENERGY SVC INC	COM	65441V101	17	21,400	SH	DFND	1,2,3,4	21,400	0	0
NISOURCE INC	COM	65473P105	27,367	1,095,984	SH	DFND	1,2,3,4	638,153	0	457,831
NLIGHT INC	COM	65487K100	446	42,500	SH	DFND	1,2,3,4	42,500	0	0
NOKIA CORP	SPONSORED ADR	654902204	27,345	8,820,980	SH	DFND	1,2,3,4	7,764,962	0	1,056,018
NOBLE ENERGY INC	COM	655044105	4,680	774,798	SH	DFND	1,2,3,4	680,067	0	94,731
NOODLES & CO	COM CL A	65540B105	183	38,800	SH	DFND	1,2,3,4	38,800	0	0
NORDSON CORP	COM	655663102	134,885	998,633	SH	DFND	1,2,3,4	905,972	0	92,661
NORDSTROM INC	COM	655664100	2,727	177,760	SH	DFND	1,2,3,4	152,270	0	25,490
NORFOLK SOUTHERN CORP	COM	655844108	214,368	1,468,275	SH	DFND	1,2,3,4	1,383,978	0	84,297
NORTHEAST BK LEWISTON ME	COM	66405S100	1,231	105,551	SH	DFND	1,2,3,4	105,551	0	0
NORTHERN OIL & GAS INC NEV	COM	665531109	223	335,900	SH	DFND	1,2,3,4	335,900	0	0
NORTHERN TR CORP	COM	665859104	25,581	339,003	SH	DFND	1,2,3,4	298,447	0	40,556
NORTHFIELD BANCORP INC DEL	COM	66611T108	760	67,900	SH	DFND	1,2,3,4	57,057	0	10,843
NORTHRIM BANCORP INC	COM	666762109	240	8,900	SH	DFND	1,2,3,4	8,900	0	0
NORTHROP GRUMMAN CORP	COM	666807102	273,096	902,648	SH	DFND	1,2,3,4	841,105	0	61,543
NORTHWEST BANCSHARES INC MD	COM	667340103	1,765	152,527	SH	DFND	1,2,3,4	130,827	0	21,700
NORTHWEST NAT HLDG CO	COM	66765N105	2,772	44,888	SH	DFND	1,2,3,4	38,163	0	6,725
NORTHWESTERN CORP	COM NEW	668074305	9,355	156,367	SH	DFND	1,2,3,4	156,367	0	0
NORTONLIFELOCK INC	COM	668771108	20,442	1,092,580	SH	DFND	1,2,3,4	885,564	0	207,016
NOVAGOLD RES INC	COM NEW	66987E206	2,165	293,300	SH	DFND	1,2,3,4	293,300	0	0
NOVARTIS A G	SPONSORED ADR	66987V109	2,378	28,839	SH	DFND	1,2,3,4	26,700	0	2,139
NOVAVAX INC	COM NEW	670002401	794	58,440	SH	DFND	1,2,3,4	58,440	0	0
NOVANTA INC	COM	67000B104	133,927	1,676,597	SH	DFND	1,2,3,4	1,544,742	0	131,855
NOVO-NORDISK A S	ADR	670100205	111,072	1,845,053	SH	DFND	1,2,3,4	1,708,289	0	136,764
NOW INC	COM	67011P100	1,317	255,263	SH	DFND	1,2,3,4	255,259	0	4
NU SKIN ENTERPRISES INC	CL A	67018T105	1,777	81,333	SH	DFND	1,2,3,4	75,988	0	5,345
NUANCE COMMUNICATIONS INC	COM	67020Y100	98,169	5,850,370	SH	DFND	1,2,3,4	5,110,870	0	739,500
NUCOR CORP	COM	670346105	21,673	601,702	SH	DFND	1,2,3,4	501,705	0	99,997
NUTANIX INC	CL A	67059N108	1,590	100,620	SH	DFND	1,2,3,4	77,320	0	23,300
NUVEEN AMT FREE QLTY MUN INC	COM	670657105	494	36,475	SH	DFND	1,2,3,4	35,399	0	1,076
NVIDIA CORP	COM	67066G104	771,016	2,924,947	SH	DFND	1,2,3,4	2,579,078	0	345,869
NUVASIVE INC	COM	670704105	7,079	139,735	SH	DFND	1,2,3,4	139,735	0	0
NUVEEN AMT FREE MUN CR INC F	COM	67071L106	147	10,000	SH	DFND	1,2,3,4	10,000	0	0
NUTRIEN LTD	COM	67077M108	18,943	558,144	SH	DFND	1,2,3,4	543,189	0	14,955
OGE ENERGY CORP	COM	670837103	10,881	354,082	SH	DFND	1,2,3,4	334,137	0	19,945
O-I GLASS INC	COM	67098H104	2,715	381,871	SH	DFND	1,2,3,4	366,491	0	15,380
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	50,620	168,144	SH	DFND	1,2,3,4	140,433	0	27,711
OFG BANCORP	COM	67103X102	1,043	93,306	SH	DFND	1,2,3,4	81,626	0	11,680
OSI SYSTEMS INC	COM	671044105	45,043	653,555	SH	DFND	1,2,3,4	611,515	0	42,040
OP BANCORP	COM	67109R109	3,852	516,394	SH	DFND	1,2,3,4	516,394	0	0

OASIS PETROLEUM INC	COM	674215108	168	478,749	SH	DFND	1,2,3,4	424,349	0	54,400
OCCIDENTAL PETE CORP	COM	674599105	16,678	1,440,226	SH	DFND	1,2,3,4	1,312,721	0	127,505
OCEANEERING INTL INC	COM	675232102	520	176,847	SH	DFND	1,2,3,4	158,262	0	18,585
OCEANFIRST FINL CORP	COM	675234108	2,473	155,415	SH	DFND	1,2,3,4	155,415	0	0
OCWEN FINL CORP	COM NEW	675746309	106	211,060	SH	DFND	1,2,3,4	211,060	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	458	92,600	SH	DFND	1,2,3,4	92,600	0	0
ODONATE THERAPEUTICS INC	COM	676079106	431	15,600	SH	DFND	1,2,3,4	15,600	0	0
OFFICE DEPOT INC	COM	676220106	1,324	807,280	SH	DFND	1,2,3,4	692,648	0	114,632
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	2,563	94,037	SH	DFND	1,2,3,4	83,514	0	10,523
OIL STS INTL INC	COM	678026105	8,993	4,430,240	SH	DFND	1,2,3,4	3,677,674	0	752,566
OKTA INC	CL A	679295105	11,338	92,733	SH	DFND	1,2,3,4	78,483	0	14,250
OLD DOMINION FREIGHT LINE IN	COM	679580100	19,635	149,588	SH	DFND	1,2,3,4	131,219	0	18,369
OLD NATL BANCORP IND	COM	680033107	3,529	267,582	SH	DFND	1,2,3,4	231,602	0	35,980
OLD REP INTL CORP	COM	680223104	8,245	540,628	SH	DFND	1,2,3,4	512,209	0	28,419
OLD SECOND BANCORP INC ILL	COM	680277100	233	33,700	SH	DFND	1,2,3,4	33,700	0	0
OLIN CORP	COM PAR \$1	680665205	4,036	345,804	SH	DFND	1,2,3,4	330,104	0	15,700
OLLIES BARGAIN OUTLT HLDGS I	COM	681116109	32,301	697,050	SH	DFND	1,2,3,4	650,360	0	46,690
OLYMPIC STEEL INC	COM	68162K106	144	13,900	SH	DFND	1,2,3,4	12,200	0	1,700
OMNICOM GROUP INC	COM	681919106	21,079	383,954	SH	DFND	1,2,3,4	334,922	0	49,032
OMEGA HEALTHCARE INVS INC	COM	681936100	55,149	2,077,957	SH	DFND	1,2,3,4	2,045,543	0	32,414
OMEGA FLEX INC	COM	682095104	236	2,798	SH	DFND	1,2,3,4	2,798	0	0
OMNOVA SOLUTIONS INC	COM	682129101	7,687	758,056	SH	DFND	1,2,3,4	758,056	0	0
OMNICELL INC	COM	68213N109	4,594	70,046	SH	DFND	1,2,3,4	62,146	0	7,900
OMEROS CORP	COM	682143102	975	72,900	SH	DFND	1,2,3,4	72,900	0	0
ON DECK CAP INC	COM	682163100	142	92,200	SH	DFND	1,2,3,4	92,200	0	0
ON SEMICONDUCTOR CORP	COM	682189105	3,376	271,407	SH	DFND	1,2,3,4	230,897	0	40,510
ONE GAS INC	COM	68235P108	11,601	138,734	SH	DFND	1,2,3,4	138,734	0	0
ONE LIBERTY PPTYS INC	COM	682406103	4,853	348,372	SH	DFND	1,2,3,4	348,372	0	0
FLWS/1-800 FLOWERS	CL A	68243Q106	434	32,800	SH	DFND	1,2,3,4	32,800	0	0
ONEOK INC NEW	COM	682680103	14,899	683,110	SH	DFND	1,2,3,4	595,556	0	87,554
ONEMAIN HLDGS INC	COM	68268W103	21,925	1,146,690	SH	DFND	1,2,3,4	995,848	0	150,842
1LIFE HEALTHCARE INC	COM	68269G107	258	14,200	SH	DFND	1,2,3,4	14,200	0	0
ONESMART INTL ED GROUP LTD	SPONSORED ADS	68276W103	88	17,350	SH	DFND	1,2,3,4	17,350	0	0
ONESPAN INC	COM	68287N100	761	41,912	SH	DFND	1,2,3,4	33,152	0	8,760
ONTO INNOVATION INC	COM	683344105	10,497	353,804	SH	DFND	1,2,3,4	292,386	0	61,418
OOMA INC	COM	683416101	150	12,600	SH	DFND	1,2,3,4	12,600	0	0
OPEN TEXT CORP	COM	683715106	53,106	1,520,792	SH	DFND	1,2,3,4	991,228	0	529,564
OPKO HEALTH INC	COM	68375N103	699	521,425	SH	DFND	1,2,3,4	521,425	0	0
OPPENHEIMER HLDGS INC	CL A NON VTG	683797104	302	15,300	SH	DFND	1,2,3,4	15,300	0	0
ORACLE CORP	COM	68389X105	703,991	14,566,327	SH	DFND	1,2,3,4	13,199,077	0	1,367,250
OPUS BK IRVINE CALIF	COM	684000102	16,095	928,719	SH	DFND	1,2,3,4	716,192	0	212,527
OPTION CARE HEALTH INC	COM NEW	68404L201	468	49,400	SH	DFND	1,2,3,4	49,400	0	0
OPTINOSE INC	COM	68404V100	181	40,400	SH	DFND	1,2,3,4	40,400	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	962	89,440	SH	DFND	1,2,3,4	77,866	0	11,574
ORBCOMM INC	COM	68555P100	185	75,700	SH	DFND	1,2,3,4	75,700	0	0
ORCHID IS CAP INC	COM	68571X103	325	110,300	SH	DFND	1,2,3,4	110,300	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	52	16,000	SH	DFND	1,2,3,4	16,000	0	0
ORIGIN BANCORP INC	COM	68621T102	594	29,344	SH	DFND	1,2,3,4	29,344	0	0
ORMAT TECHNOLOGIES	COM	686688102	11,310	167,165	SH	DFND	1,2,3,4	167,165	0	0

INC										
ORTHOPEDIATRICS CORP	COM	68752L100	492	12,400	SH	DFND	1,2,3,4	12,400	0	0
ORTHOFIX MED INC	COM	68752M108	2,750	98,184	SH	DFND	1,2,3,4	94,584	0	3,600
OSHKOSH CORP	COM	688239201	27,636	429,600	SH	DFND	1,2,3,4	372,033	0	57,567
OTIS WORLDWIDE CORP	COM	68902V107	1,594	31,887	SH	DFND	1,2,3,4	31,887	0	0
OTTAWA BANCORP INC	COM	689195105	3,137	286,085	SH	DFND	1,2,3,4	286,085	0	0
OTTER TAIL CORP	COM	689648103	6,089	136,953	SH	DFND	1,2,3,4	136,953	0	0
OUTFRONT MEDIA INC	COM	69007J106	1,098	81,449	SH	DFND	1,2,3,4	66,609	0	14,840
OVERSEAS SHIPHOLDING GROUP I	CL A NEW	69036R863	71	31,200	SH	DFND	1,2,3,4	31,200	0	0
OVINTIV INC	COM	69047Q102	81	30,110	SH	DFND	1,2,3,4	23,349	0	6,761
OWENS & MINOR INC NEW	COM	690732102	815	89,062	SH	DFND	1,2,3,4	77,262	0	11,800
OWENS CORNING NEW	COM	690742101	7,652	197,171	SH	DFND	1,2,3,4	183,753	0	13,418
OXFORD INDS INC	COM	691497309	838	23,118	SH	DFND	1,2,3,4	19,758	0	3,360
PDL CMNTY BANCORP	COM	69290X101	265	25,767	SH	DFND	1,2,3,4	25,767	0	0
PBF ENERGY INC	CL A	69318G106	2,329	328,973	SH	DFND	1,2,3,4	177,778	0	151,195
PC CONNECTION INC	COM	69318J100	3,154	76,537	SH	DFND	1,2,3,4	74,455	0	2,082
PCB BANCORP	COM	69320M109	1,486	151,975	SH	DFND	1,2,3,4	151,975	0	0
PCSB FINL CORP	COM	69324R104	1,417	101,281	SH	DFND	1,2,3,4	101,281	0	0
PDC ENERGY INC	COM	69327R101	1,013	163,132	SH	DFND	1,2,3,4	144,846	0	18,286
PDF SOLUTIONS INC	COM	693282105	421	35,898	SH	DFND	1,2,3,4	28,420	0	7,478
PDL BIOPHARMA INC	COM	69329Y104	785	278,222	SH	DFND	1,2,3,4	278,222	0	0
PG&E CORP	COM	69331C108	1,551	172,495	SH	DFND	1,2,3,4	119,837	0	52,658
PICO HLDGS INC	COM NEW	693366205	159	20,500	SH	DFND	1,2,3,4	20,500	0	0
PGT INNOVATIONS INC	COM	69336V101	690	82,300	SH	DFND	1,2,3,4	68,500	0	13,800
PJT PARTNERS INC	COM CL A	69343T107	31,780	732,438	SH	DFND	1,2,3,4	656,086	0	76,352
PNC FINL SVCS GROUP INC	COM	693475105	394,530	4,121,709	SH	DFND	1,2,3,4	3,938,928	0	182,781
PNM RES INC	COM	69349H107	74,995	1,973,554	SH	DFND	1,2,3,4	1,666,200	0	307,354
PPG INDS INC	COM	693506107	30,706	367,300	SH	DFND	1,2,3,4	326,451	0	40,849
PPL CORP	COM	69351T106	33,587	1,360,896	SH	DFND	1,2,3,4	1,129,042	0	231,854
PRA HEALTH SCIENCES INC	COM	69354M108	9,819	118,245	SH	DFND	1,2,3,4	109,845	0	8,400
PRA GROUP INC	COM	69354N106	2,114	76,260	SH	DFND	1,2,3,4	66,452	0	9,808
PPD INC	COM	69355F102	2,556	143,511	SH	DFND	1,2,3,4	135,291	0	8,220
PS BUSINESS PKS INC CALIF	COM	69360J107	8,382	61,850	SH	DFND	1,2,3,4	61,850	0	0
PVH CORPORATION	COM	693656100	5,042	133,956	SH	DFND	1,2,3,4	107,502	0	26,454
PTC THERAPEUTICS INC	COM	69366J200	71,416	1,600,887	SH	DFND	1,2,3,4	1,474,327	0	126,560
PTC INC	COM	69370C100	11,055	180,610	SH	DFND	1,2,3,4	166,578	0	14,032
PACCAR INC	COM	693718108	47,341	774,427	SH	DFND	1,2,3,4	624,999	0	149,428
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	601	196,300	SH	DFND	1,2,3,4	196,300	0	0
PACIFIC MERCANTILE BANCORP	COM	694552100	1,679	356,535	SH	DFND	1,2,3,4	356,535	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	3,395	180,192	SH	DFND	1,2,3,4	167,472	0	12,720
PACIRA BIOSCIENCES	COM	695127100	2,175	64,864	SH	DFND	1,2,3,4	57,030	0	7,834
PACKAGING CORP AMER	COM	695156109	16,986	195,629	SH	DFND	1,2,3,4	158,129	0	37,500
PACWEST BANCORP DEL	COM	695263103	3,633	202,736	SH	DFND	1,2,3,4	191,116	0	11,620
PAGERDUTY INC	COM	69553P100	178	10,280	SH	DFND	1,2,3,4	4,580	0	5,700
PALATIN TECHNOLOGIES INC	COM PAR \$.01	696077403	67	158,700	SH	DFND	1,2,3,4	158,700	0	0
PALO ALTO NETWORKS INC	COM	697435105	9,293	56,679	SH	DFND	1,2,3,4	43,658	0	13,021
PALOMAR HLDGS INC	COM	69753M105	49,710	854,713	SH	DFND	1,2,3,4	803,868	0	50,845
PAN AMERN SILVER CORP	COM	697900108	219	15,300	SH	DFND	1,2,3,4	15,300	0	0
PANHANDLE OIL AND GAS INC	CL A	698477106	79	21,500	SH	DFND	1,2,3,4	21,500	0	0
PAPA JOHNS INTL INC	COM	698813102	189,883	3,557,867	SH	DFND	1,2,3,4	3,061,079	0	496,788

PAR TECHNOLOGY CORP	COM	698884103	351	27,300	SH	DFND	1,2,3,4	27,300	0	0
PAR PACIFIC HOLDINGS INC	COM NEW	69888T207	403	56,700	SH	DFND	1,2,3,4	49,800	0	6,900
PARAMOUNT GROUP INC	COM	69924R108	1,737	197,379	SH	DFND	1,2,3,4	177,996	0	19,383
PARATEK PHARMACEUTICALS INC	COM	699374302	178	56,400	SH	DFND	1,2,3,4	56,400	0	0
PARETEUM CORP	COM NEW	69946T207	51	122,900	SH	DFND	1,2,3,4	122,900	0	0
PARK AEROSPACE CORP	COM	70014A104	383	30,406	SH	DFND	1,2,3,4	26,756	0	3,650
PARK HOTELS RESORTS INC	COM	700517105	40,911	5,172,105	SH	DFND	1,2,3,4	4,739,190	0	432,915
PARK NATL CORP	COM	700658107	1,342	17,282	SH	DFND	1,2,3,4	17,282	0	0
PARKER HANNIFIN CORP	COM	701094104	33,047	254,733	SH	DFND	1,2,3,4	204,549	0	50,184
PARSLEY ENERGY INC	CL A	701877102	4,635	808,857	SH	DFND	1,2,3,4	773,616	0	35,241
PARSONS CORPORATION	COM	70202L102	799	25,000	SH	DFND	1,2,3,4	25,000	0	0
PARTY CITY HOLDCO INC	COM	702149105	5	11,800	SH	DFND	1,2,3,4	11,800	0	0
PATRICK INDS INC	COM	703343103	2,813	99,877	SH	DFND	1,2,3,4	94,917	0	4,960
PATRIOT NATL BANCORP INC	COM NEW	70336F203	1,142	184,201	SH	DFND	1,2,3,4	184,201	0	0
PATTERSON COS INC	COM	703395103	3,233	211,439	SH	DFND	1,2,3,4	211,439	0	0
PATTERSON UTI ENERGY INC	COM	703481101	14,240	6,059,687	SH	DFND	1,2,3,4	5,063,669	0	996,018
PAYCHEX INC	COM	704326107	96,486	1,533,464	SH	DFND	1,2,3,4	1,411,062	0	122,402
PAYCOM SOFTWARE INC	COM	70432V102	174,773	865,168	SH	DFND	1,2,3,4	794,623	0	70,545
PAYLOCITY HLDG CORP	COM	70438V106	1,425	16,138	SH	DFND	1,2,3,4	11,538	0	4,600
PAYPAL HLDGS INC	COM	70450Y103	1,099,312	11,482,260	SH	DFND	1,2,3,4	10,186,822	0	1,295,438
PAYSIGN INC	COM	70451A104	291	56,300	SH	DFND	1,2,3,4	56,300	0	0
PEABODY ENERGY CORP NEW	COM	704551100	321	110,690	SH	DFND	1,2,3,4	110,690	0	0
PEAPACK-GLADSTONE FINL CORP	COM	704699107	309	17,200	SH	DFND	1,2,3,4	17,200	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	4,438	407,566	SH	DFND	1,2,3,4	407,566	0	0
PEGASYSYSTEMS INC	COM	705573103	3,308	46,438	SH	DFND	1,2,3,4	41,338	0	5,100
PEMBINA PIPELINE CORP	COM	706327103	1,925	102,327	SH	DFND	1,2,3,4	102,327	0	0
PENN NATL GAMING INC	COM	707569109	4,628	365,861	SH	DFND	1,2,3,4	365,861	0	0
PENN VA CORP	COM	70788V102	58	18,700	SH	DFND	1,2,3,4	16,200	0	2,500
PENNANT GROUP INC	COM	70805E109	581	41,019	SH	DFND	1,2,3,4	36,119	0	4,900
PENNEY J C CORP INC	COM	708160106	77	214,400	SH	DFND	1,2,3,4	157,850	0	56,550
PENNS WOODS BANCORP INC	COM	708430103	215	8,860	SH	DFND	1,2,3,4	8,860	0	0
PENNSYLVANIA RL ESTATE INVT	SH BEN INT	709102107	132	144,295	SH	DFND	1,2,3,4	133,095	0	11,200
PENNYMAC MTG INVT TR	COM	70931T103	4,302	405,080	SH	DFND	1,2,3,4	384,080	0	21,000
PENNYMAC FINL SVCS INC	COM	70932M107	6,602	298,578	SH	DFND	1,2,3,4	298,578	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	386	13,800	SH	DFND	1,2,3,4	10,490	0	3,310
PENUMBRA INC	COM	70975L107	128,041	793,656	SH	DFND	1,2,3,4	727,162	0	66,494
PEOPLES BANCORP INC	COM	709789101	370	16,720	SH	DFND	1,2,3,4	16,720	0	0
PEOPLES FINL SVCS CORP	COM	711040105	266	6,700	SH	DFND	1,2,3,4	6,700	0	0
PEOPLES UTD FINL INC	COM	712704105	7,712	697,879	SH	DFND	1,2,3,4	610,085	0	87,794
PEOPLES UTAH BANCORP	COM	712706209	291	15,000	SH	DFND	1,2,3,4	15,000	0	0
PEPSICO INC	COM	713448108	679,731	5,659,711	SH	DFND	1,2,3,4	5,040,908	0	618,803
PERDOCEO ED CORP	COM	71363P106	3,184	295,060	SH	DFND	1,2,3,4	279,340	0	15,720
PERFICIENT INC	COM	71375U101	3,439	126,934	SH	DFND	1,2,3,4	119,860	0	7,074
PERFORMANCE FOOD GROUP CO	COM	71377A103	8,826	357,020	SH	DFND	1,2,3,4	357,020	0	0

PERKINELMER INC	COM	714046109	12,947	171,988	SH	DFND	1,2,3,4	152,053	0	19,935
PERSPECTA INC	COM	715347100	9,115	499,710	SH	DFND	1,2,3,4	498,771	0	939
PERSONALIS INC	COM	71535D106	257	31,900	SH	DFND	1,2,3,4	31,900	0	0
PETMED EXPRESS INC	COM	716382106	804	27,950	SH	DFND	1,2,3,4	24,200	0	3,750
PETIQ INC	COM CL A	71639T106	534	23,000	SH	DFND	1,2,3,4	23,000	0	0
PETROLEO BRASILEIRO SA PETRO	SP ADR NON VTG	71654V101	175	32,484	SH	DFND	1,2,3,4	24,307	0	8,177
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	662	120,332	SH	DFND	1,2,3,4	120,332	0	0
PFENEX INC	COM	717071104	162	18,400	SH	DFND	1,2,3,4	18,400	0	0
PFIZER INC	COM	717081103	794,253	24,333,740	SH	DFND	1,2,3,4	23,145,053	0	1,188,687
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	632	26,150	SH	DFND	1,2,3,4	22,350	0	3,800
PHILIP MORRIS INTL INC	COM	718172109	561,307	7,693,359	SH	DFND	1,2,3,4	7,221,726	0	471,633
PHILLIPS 66	COM	718546104	97,769	1,822,350	SH	DFND	1,2,3,4	1,709,775	0	112,575
PHOTRONICS INC	COM	719405102	897	87,474	SH	DFND	1,2,3,4	72,800	0	14,674
PHYSICIANS RLTY TR	COM	71943U104	91,538	6,566,543	SH	DFND	1,2,3,4	5,791,401	0	775,142
PHREESIA INC	COM	71944F106	490	23,286	SH	DFND	1,2,3,4	23,286	0	0
PHUNWARE INC	COM	71948P100	58	86,100	SH	DFND	1,2,3,4	86,100	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	4,372	247,543	SH	DFND	1,2,3,4	247,543	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	112	49,000	SH	DFND	1,2,3,4	49,000	0	0
PILGRIMS PRIDE CORP	COM	72147K108	1,565	86,390	SH	DFND	1,2,3,4	80,570	0	5,820
PIMCO DYNAMIC CR & MTG INC F	COM SHS	72202D106	912	54,238	SH	DFND	1,2,3,4	11,200	0	43,038
PING IDENTITY HLDG CORP	COM	72341T103	559	27,900	SH	DFND	1,2,3,4	27,900	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	4,608	122,762	SH	DFND	1,2,3,4	115,462	0	7,300
PINNACLE WEST CAP CORP	COM	723484101	15,955	210,514	SH	DFND	1,2,3,4	157,383	0	53,131
PINTEREST INC	CL A	72352L106	365	23,634	SH	DFND	1,2,3,4	11,190	0	12,444
PIONEER BANCORP INC	COM	723561106	2,046	197,144	SH	DFND	1,2,3,4	197,144	0	0
PIONEER NAT RES CO	COM	723787107	24,986	356,183	SH	DFND	1,2,3,4	293,292	0	62,891
PIPER SANDLER COMPANIES	COM	724078100	1,302	25,755	SH	DFND	1,2,3,4	22,400	0	3,355
PITNEY BOWES INC	COM	724479100	514	252,200	SH	DFND	1,2,3,4	220,100	0	32,100
PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	1,719	306,353	SH	DFND	1,2,3,4	32,746	0	273,607
PLANET FITNESS INC	CL A	72703H101	134,719	2,766,303	SH	DFND	1,2,3,4	2,530,721	0	235,582
PLANTRONICS INC NEW	COM	727493108	542	53,840	SH	DFND	1,2,3,4	46,349	0	7,491
PLAYAGS INC	COM	72814N104	32	12,200	SH	DFND	1,2,3,4	12,200	0	0
PLEXUS CORP	COM	729132100	2,457	45,042	SH	DFND	1,2,3,4	38,712	0	6,330
PLUG POWER INC	COM NEW	72919P202	4,873	1,376,416	SH	DFND	1,2,3,4	1,125,313	0	251,103
PLURALSIGHT INC	COM CL A	72941B106	744	67,733	SH	DFND	1,2,3,4	59,297	0	8,436
POLARIS INC	COM	731068102	5,144	106,825	SH	DFND	1,2,3,4	99,349	0	7,476
POLARITYTE INC	COM	731094108	38	35,600	SH	DFND	1,2,3,4	35,600	0	0
POLYONE CORP	COM	73179P106	4,167	219,655	SH	DFND	1,2,3,4	219,655	0	0
POOL CORPORATION	COM	73278L105	60,864	309,313	SH	DFND	1,2,3,4	288,288	0	21,025
POPULAR INC	COM NEW	733174700	1,973	56,384	SH	DFND	1,2,3,4	47,005	0	9,379
PORTLAND GEN ELEC CO	COM NEW	736508847	13,689	285,546	SH	DFND	1,2,3,4	273,084	0	12,462
PORTOLA PHARMACEUTICALS INC	COM	737010108	719	100,900	SH	DFND	1,2,3,4	100,900	0	0
POST HLDGS INC	COM	737446104	9,103	109,712	SH	DFND	1,2,3,4	102,312	0	7,400
POTBELLY CORP	COM	73754Y100	55	17,700	SH	DFND	1,2,3,4	17,700	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	9,096	289,774	SH	DFND	1,2,3,4	289,774	0	0
POWELL INDS INC	COM	739128106	276	10,770	SH	DFND	1,2,3,4	7,800	0	2,970
POWER INTEGRATIONS INC	COM	739276103	4,330	49,020	SH	DFND	1,2,3,4	42,680	0	6,340
PQ GROUP HLDGS INC	COM	73943T103	469	43,000	SH	DFND	1,2,3,4	43,000	0	0

PRECIGEN INC	COM	74017N105	379	111,600	SH	DFND	1,2,3,4	111,600	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	242	40,128	SH	DFND	1,2,3,4	40,128	0	0
PRECISION DRILLING CORP	COM 2010	74022D308	13	40,770	SH	DFND	1,2,3,4	40,770	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	2,782	82,250	SH	DFND	1,2,3,4	79,700	0	2,550
PREFERRED APT CMNTYS INC	COM	74039L103	412	57,400	SH	DFND	1,2,3,4	57,400	0	0
PREMIER FINL BANCORP INC	COM	74050M105	195	15,712	SH	DFND	1,2,3,4	15,712	0	0
PREMIER INC	CL A	74051N102	941	28,748	SH	DFND	1,2,3,4	22,692	0	6,056
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	4,650	126,775	SH	DFND	1,2,3,4	126,775	0	0
PRETIUM RES INC	COM	74139C102	57	10,000	SH	DFND	1,2,3,4	10,000	0	0
PREVAIL THERAPEUTICS INC	COM	74140Y101	147	12,100	SH	DFND	1,2,3,4	12,100	0	0
PRICE T ROWE GROUP INC	COM	74144T108	37,748	386,569	SH	DFND	1,2,3,4	337,874	0	48,695
PRICESMART INC	COM	741511109	1,715	32,628	SH	DFND	1,2,3,4	27,776	0	4,852
PRIMORIS SVCS CORP	COM	74164F103	18,265	1,148,768	SH	DFND	1,2,3,4	893,630	0	255,138
PRIMERICA INC	COM	74164M108	8,342	94,285	SH	DFND	1,2,3,4	89,182	0	5,103
PRIMO WATER CORPORATION	COM	74167P108	74,524	8,225,573	SH	DFND	1,2,3,4	6,817,570	0	1,408,003
PRINCIPAL FINL GROUP INC	COM	74251V102	15,747	502,461	SH	DFND	1,2,3,4	378,121	0	124,340
PRINCIPIA BIOPHARMA INC	COM	74257L108	1,300	21,900	SH	DFND	1,2,3,4	21,900	0	0
PROASSURANCE CORP	COM	74267C106	2,000	80,010	SH	DFND	1,2,3,4	68,470	0	11,540
PROCTER & GAMBLE CO	COM	742718109	1,405,964	12,781,490	SH	DFND	1,2,3,4	11,503,147	0	1,278,343
PROFESSIONAL HLDG CORP	CL A COM	743139107	2,442	153,078	SH	DFND	1,2,3,4	153,078	0	0
PROGENICS PHARMACEUTICALS IN	COM	743187106	4,730	1,244,815	SH	DFND	1,2,3,4	1,228,565	0	16,250
PROGRESS SOFTWARE CORP	COM	743312100	5,472	170,995	SH	DFND	1,2,3,4	161,395	0	9,600
PROGRESSIVE CORP OHIO	COM	743315103	841,357	11,394,325	SH	DFND	1,2,3,4	9,702,127	0	1,692,198
PROGYNY INC	COM	74340E103	574	27,100	SH	DFND	1,2,3,4	27,100	0	0
PROLOGIS INC.	COM	74340W103	218,005	2,712,514	SH	DFND	1,2,3,4	2,563,660	0	148,854
PROOFPOINT INC	COM	743424103	67,979	662,624	SH	DFND	1,2,3,4	359,499	0	303,125
PROS HOLDINGS INC	COM	74346Y103	1,285	41,410	SH	DFND	1,2,3,4	41,410	0	0
PROPETRO HLDG CORP	COM	74347M108	302	120,828	SH	DFND	1,2,3,4	105,378	0	15,450
PROSHARES TR	PSHS ULT S&P 500	74347R107	1,778	20,000	SH	DFND	1,2,3,4	0	0	20,000
PROSPERITY BANCSHARES INC	COM	743606105	15,204	315,105	SH	DFND	1,2,3,4	220,078	0	95,027
PROTAGONIST THERAPEUTICS INC	COM	74366E102	114	16,100	SH	DFND	1,2,3,4	16,100	0	0
PROTECTIVE INS CORP	CL B	74368L203	235	17,110	SH	DFND	1,2,3,4	17,110	0	0
PROTO LABS INC	COM	743713109	3,625	47,620	SH	DFND	1,2,3,4	41,850	0	5,770
PROVIDENCE SVC CORP	COM	743815102	855	15,573	SH	DFND	1,2,3,4	13,423	0	2,150
PROVIDENT FINL SVCS INC	COM	74386T105	1,223	95,121	SH	DFND	1,2,3,4	81,851	0	13,270
PRUDENTIAL FINL INC	COM	744320102	36,273	695,679	SH	DFND	1,2,3,4	592,322	0	103,357
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	36,176	805,518	SH	DFND	1,2,3,4	704,957	0	100,561
PUBLIC STORAGE	COM	74460D109	68,118	342,973	SH	DFND	1,2,3,4	305,157	0	37,816
PULTE GROUP INC	COM	745867101	11,665	522,610	SH	DFND	1,2,3,4	478,264	0	44,346
PULSE BIOSCIENCES INC	COM	74587B101	119	16,600	SH	DFND	1,2,3,4	16,300	0	300
PUMA BIOTECHNOLOGY INC	COM	74587V107	679	80,500	SH	DFND	1,2,3,4	80,500	0	0
PURE STORAGE INC	CL A	74624M102	1,300	105,680	SH	DFND	1,2,3,4	73,880	0	31,800
PURPLE INNOVATION INC	COM	74640Y106	141	24,900	SH	DFND	1,2,3,4	24,900	0	0
QCR HOLDINGS INC	COM	74727A104	439	16,200	SH	DFND	1,2,3,4	16,200	0	0

QAD INC	CL A	74727D306	567	14,200	SH	DFND	1,2,3,4	14,200	0	0
QUAD / GRAPHICS INC	COM CL A	747301109	89	35,300	SH	DFND	1,2,3,4	35,300	0	0
QUAKER CHEM CORP	COM	747316107	2,692	21,320	SH	DFND	1,2,3,4	18,510	0	2,810
PZENA INVESTMENT MGMT INC	CLASS A	74731Q103	157	35,202	SH	DFND	1,2,3,4	35,202	0	0
QEP RESOURCES INC	COM	74733V100	360	1,076,491	SH	DFND	1,2,3,4	920,376	0	156,115
QTS RLTY TR INC	COM CL A	74736A103	10,309	177,712	SH	DFND	1,2,3,4	177,712	0	0
QORVO INC	COM	74736K101	17,796	220,707	SH	DFND	1,2,3,4	167,457	0	53,250
Q2 HLDGS INC	COM	74736L109	3,727	63,110	SH	DFND	1,2,3,4	63,110	0	0
PYXUS INTL INC	COM	74737V106	103	33,000	SH	DFND	1,2,3,4	33,000	0	0
QUALCOMM INC	COM	747525103	387,532	5,728,485	SH	DFND	1,2,3,4	5,271,327	0	457,158
QUALYS INC	COM	74758T303	5,356	61,565	SH	DFND	1,2,3,4	54,355	0	7,210
QUANEX BUILDING PRODUCTS COR	COM	747619104	453	44,935	SH	DFND	1,2,3,4	37,067	0	7,868
QUANTA SVCS INC	COM	74762E102	73,526	2,317,244	SH	DFND	1,2,3,4	1,951,267	0	365,977
QUANTERIX CORP	COM	74766Q101	375	20,400	SH	DFND	1,2,3,4	20,400	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	108,386	1,349,759	SH	DFND	1,2,3,4	1,286,170	0	63,589
QUIDEL CORP	COM	74838J101	5,120	52,349	SH	DFND	1,2,3,4	52,349	0	0
QUINSTREET INC	COM	74874Q100	1,378	171,210	SH	DFND	1,2,3,4	159,500	0	11,710
QUOTIENT TECHNOLOGY INC	COM	749119103	696	107,100	SH	DFND	1,2,3,4	107,100	0	0
QURATE RETAIL INC	COM SER A	74915M100	1,392	227,954	SH	DFND	1,2,3,4	189,876	0	38,078
RBB BANCORP	COM	74930B105	3,790	276,275	SH	DFND	1,2,3,4	276,275	0	0
RA PHARMACEUTICALS INC	COM	74933V108	14,894	310,218	SH	DFND	1,2,3,4	310,218	0	0
R1 RCM INC	COM	749397105	1,237	136,100	SH	DFND	1,2,3,4	136,100	0	0
REV GROUP INC	COM	749527107	4,355	1,044,331	SH	DFND	1,2,3,4	809,115	0	235,216
RLI CORP	COM	749607107	8,992	102,258	SH	DFND	1,2,3,4	102,258	0	0
RLJ LODGING TR	COM	74965L101	30,191	3,910,747	SH	DFND	1,2,3,4	3,578,602	0	332,145
RPC INC	COM	749660106	8,548	4,149,411	SH	DFND	1,2,3,4	3,436,131	0	713,280
RMR GROUP INC	CL A	74967R106	613	22,732	SH	DFND	1,2,3,4	22,732	0	0
RH	COM	74967X103	5,013	49,897	SH	DFND	1,2,3,4	47,397	0	2,500
RPM INTL INC	COM	749685103	13,937	234,237	SH	DFND	1,2,3,4	220,701	0	13,536
RPT REALTY	SH BEN INT	74971D101	965	160,112	SH	DFND	1,2,3,4	141,942	0	18,170
RTI SURGICAL HOLDINGS INC	COM	74975N105	152	88,749	SH	DFND	1,2,3,4	88,749	0	0
RADIAN GROUP INC	COM	750236101	6,889	531,962	SH	DFND	1,2,3,4	531,962	0	0
RADIANT LOGISTICS INC	COM	75025X100	2,083	538,280	SH	DFND	1,2,3,4	538,280	0	0
RADIUS HEALTH INC	COM NEW	750469207	944	72,640	SH	DFND	1,2,3,4	72,640	0	0
RADNET INC	COM	750491102	636	60,535	SH	DFND	1,2,3,4	52,700	0	7,835
RAMBUS INC DEL	COM	750917106	1,762	158,744	SH	DFND	1,2,3,4	134,630	0	24,114
RALPH LAUREN CORP	CL A	751212101	5,941	88,900	SH	DFND	1,2,3,4	80,062	0	8,838
RAMACO RES INC	COM	75134P303	24	10,100	SH	DFND	1,2,3,4	10,100	0	0
RANDOLPH BANCORP INC	COM	752378109	3,150	328,483	SH	DFND	1,2,3,4	328,483	0	0
RANGE RES CORP	COM	75281A109	264	115,922	SH	DFND	1,2,3,4	56,088	0	59,834
RANPAK HLDGS CORP	COM CL A	75321W103	30,058	4,801,671	SH	DFND	1,2,3,4	4,492,903	0	308,768
RAPID7 INC	COM	753422104	48,893	1,128,397	SH	DFND	1,2,3,4	1,063,000	0	65,397
RAVEN INDS INC	COM	754212108	1,141	53,748	SH	DFND	1,2,3,4	45,688	0	8,060
RAYMOND JAMES FINANCIAL INC	COM	754730109	12,502	197,810	SH	DFND	1,2,3,4	172,141	0	25,669
RAYONIER INC	COM	754907103	9,922	421,311	SH	DFND	1,2,3,4	408,516	0	12,795
RAYONIER ADVANCED MATLS INC	COM	75508B104	84	79,450	SH	DFND	1,2,3,4	70,100	0	9,350
RAYTHEON CO	COM NEW	755111507	349,220	2,662,752	SH	DFND	1,2,3,4	2,562,717	0	100,035
RBC BEARINGS INC	COM	75524B104	39,000	345,771	SH	DFND	1,2,3,4	325,680	0	20,091
RE MAX HLDGS INC	CL A	75524W108	2,457	112,110	SH	DFND	1,2,3,4	108,760	0	3,350
READING INTERNATIONAL INC	CL A	755408101	63	16,100	SH	DFND	1,2,3,4	16,100	0	0
READY CAP CORP	COM	75574U101	367	50,803	SH	DFND	1,2,3,4	44,200	0	6,603
REALOGY HLDGS CORP	COM	75605Y106	469	155,800	SH	DFND	1,2,3,4	134,300	0	21,500
REALPAGE INC	COM	75606N109	2,087	39,430	SH	DFND	1,2,3,4	28,730	0	10,700

REALTY INCOME CORP	COM	756109104	52,651	1,055,967	SH	DFND	1,2,3,4	994,710	0	61,257
REATA PHARMACEUTICALS INC	CL A	75615P103	6,673	46,230	SH	DFND	1,2,3,4	46,230	0	0
RECRO PHARMA INC	COM	75629F109	243	29,800	SH	DFND	1,2,3,4	29,800	0	0
RED RIVER BANCSHARES INC	COM	75686R202	2,704	72,647	SH	DFND	1,2,3,4	72,647	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	126	14,838	SH	DFND	1,2,3,4	12,438	0	2,400
RED ROCK RESORTS INC	CL A	75700L108	781	91,300	SH	DFND	1,2,3,4	91,300	0	0
REDFIN CORP	COM	75737F108	2,168	140,606	SH	DFND	1,2,3,4	140,606	0	0
REDWOOD TR INC	COM	758075402	797	157,440	SH	DFND	1,2,3,4	133,280	0	24,160
REGAL BELOIT CORP	COM	758750103	75,563	1,200,369	SH	DFND	1,2,3,4	1,018,819	0	181,550
REGENCY CTRS CORP	COM	758849103	38,221	994,574	SH	DFND	1,2,3,4	962,021	0	32,553
REGENERON PHARMACEUTICALS	COM	75886F107	890,903	1,824,536	SH	DFND	1,2,3,4	1,683,383	0	141,153
REGIS CORP MINN	COM	758932107	10,832	1,832,888	SH	DFND	1,2,3,4	1,414,491	0	418,397
REGENXBIO INC	COM	75901B107	2,079	64,200	SH	DFND	1,2,3,4	58,300	0	5,900
REGIONAL MGMT CORP	COM	75902K106	199	14,600	SH	DFND	1,2,3,4	14,600	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	19,805	2,207,886	SH	DFND	1,2,3,4	1,738,803	0	469,083
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	242,839	2,886,136	SH	DFND	1,2,3,4	2,613,092	0	273,044
RELIANCE STEEL & ALUMINUM CO	COM	759509102	9,668	110,382	SH	DFND	1,2,3,4	103,922	0	6,460
RELX PLC	SPONSORED ADR	759530108	26,799	1,252,273	SH	DFND	1,2,3,4	1,026,462	0	225,811
RENASANT CORP	COM	75970E107	1,584	72,531	SH	DFND	1,2,3,4	72,531	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	4,880	237,715	SH	DFND	1,2,3,4	230,415	0	7,300
REPLIGEN CORP	COM	759916109	94,710	981,043	SH	DFND	1,2,3,4	910,353	0	70,690
RENT A CTR INC NEW	COM	76009N100	990	70,023	SH	DFND	1,2,3,4	59,003	0	11,020
REPUBLIC BANCORP KY	CL A	760281204	2,286	69,220	SH	DFND	1,2,3,4	69,220	0	0
REPLIMUNE GROUP INC	COM	76029N106	185	18,600	SH	DFND	1,2,3,4	18,600	0	0
REPUBLIC FIRST BANCORP INC	COM	760416107	113	51,700	SH	DFND	1,2,3,4	51,700	0	0
REPUBLIC SVCS INC	COM	760759100	54,494	726,005	SH	DFND	1,2,3,4	645,513	0	80,492
RESMED INC	COM	761152107	34,965	237,391	SH	DFND	1,2,3,4	203,578	0	33,813
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,100	227,309	SH	DFND	1,2,3,4	214,985	0	12,324
RESOURCES CONNECTION INC	COM	76122Q105	589	53,659	SH	DFND	1,2,3,4	47,345	0	6,314
RETROPHIN INC	COM	761299106	677	46,420	SH	DFND	1,2,3,4	46,420	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	1,247	31,152	SH	DFND	1,2,3,4	31,152	0	0
RETAIL OPPORTUNITY INVTs COR	COM	76131N101	1,904	229,667	SH	DFND	1,2,3,4	204,787	0	24,880
RETAIL PPTYS AMER INC	CL A	76131V202	12,564	2,430,255	SH	DFND	1,2,3,4	2,371,295	0	58,960
REVANCE THERAPEUTICS INC	COM	761330109	32,740	2,212,173	SH	DFND	1,2,3,4	2,030,005	0	182,168
RESTORBIO INC	COM	76133L103	12	11,500	SH	DFND	1,2,3,4	11,500	0	0
RETAIL VALUE INC	COM	76133Q102	258	21,102	SH	DFND	1,2,3,4	21,102	0	0
REVLON INC	CL A NEW	761525609	230	21,000	SH	DFND	1,2,3,4	21,000	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	388	8,350	SH	DFND	1,2,3,4	7,300	0	1,050
REXNORD CORP	COM	76169B102	3,384	149,290	SH	DFND	1,2,3,4	149,290	0	0
REXFORD INDL RLTY INC	COM	76169C100	25,168	613,708	SH	DFND	1,2,3,4	609,108	0	4,600
REYNOLDS CONSUMER PRODS INC	COM	76171L106	14,876	509,966	SH	DFND	1,2,3,4	369,606	0	140,360
RHINEBECK BANCORP INC	COM	762093102	747	116,762	SH	DFND	1,2,3,4	116,762	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	371	24,400	SH	DFND	1,2,3,4	24,400	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	184	60,808	SH	DFND	1,2,3,4	60,808	0	0

RICHMOND MUT BANCORPORATIN I	COM	76525P100	4,151	406,987	SH	DFND	1,2,3,4	406,987	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	331	212,040	SH	DFND	1,2,3,4	212,040	0	0
RIGNET INC	COM	766582100	43	24,000	SH	DFND	1,2,3,4	24,000	0	0
RIMINI STR INC DEL	COM	76674Q107	61	14,800	SH	DFND	1,2,3,4	14,800	0	0
RINGCENTRAL INC	CL A	76680R206	91,662	432,550	SH	DFND	1,2,3,4	379,670	0	52,880
RING ENERGY INC	COM	76680V108	56	84,920	SH	DFND	1,2,3,4	68,200	0	16,720
RITCHIE BROS AUCTIONEERS	COM	767744105	215	6,300	SH	DFND	1,2,3,4	6,300	0	0
RITE AID CORP	COM	767754872	994	66,240	SH	DFND	1,2,3,4	66,240	0	0
RIVERVIEW BANCORP INC	COM	769397100	52	10,300	SH	DFND	1,2,3,4	10,300	0	0
ROBERT HALF INTL INC	COM	770323103	28,534	755,863	SH	DFND	1,2,3,4	693,651	0	62,212
ROCKET PHARMACEUTICALS INC	COM	77313F106	488	35,000	SH	DFND	1,2,3,4	35,000	0	0
ROCKWELL AUTOMATION INC	COM	773903109	77,854	515,898	SH	DFND	1,2,3,4	235,074	0	280,824
ROCKWELL MED INC	COM	774374102	216	105,600	SH	DFND	1,2,3,4	105,600	0	0
ROGERS COMMUNICATIONS INC	CL B	775109200	2,218	53,401	SH	DFND	1,2,3,4	44,055	0	9,346
ROGERS CORP	COM	775133101	2,880	30,503	SH	DFND	1,2,3,4	26,333	0	4,170
ROKU INC	COM CL A	77543R102	4,293	49,076	SH	DFND	1,2,3,4	37,476	0	11,600
ROLLINS INC	COM	775711104	10,227	282,991	SH	DFND	1,2,3,4	198,561	0	84,430
ROPER TECHNOLOGIES INC	COM	776696106	447,335	1,434,639	SH	DFND	1,2,3,4	1,317,747	0	116,892
ROSETTA STONE INC	COM	777780107	352	25,100	SH	DFND	1,2,3,4	25,100	0	0
ROSS STORES INC	COM	778296103	224,759	2,584,330	SH	DFND	1,2,3,4	2,319,838	0	264,492
ROYAL BK CDA	COM	780087102	68,842	1,118,475	SH	DFND	1,2,3,4	1,092,437	0	26,038
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	122,654	3,755,494	SH	DFND	1,2,3,4	3,487,264	0	268,230
ROYAL DUTCH SHELL PLC	SPONS ADR A	780259206	346	9,905	SH	DFND	1,2,3,4	1,919	0	7,986
ROYAL GOLD INC	COM	780287108	9,841	112,197	SH	DFND	1,2,3,4	105,031	0	7,166
RUBICON PROJ INC	COM	78112V102	324	58,397	SH	DFND	1,2,3,4	58,397	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	308	69,200	SH	DFND	1,2,3,4	69,200	0	0
RUSH ENTERPRISES INC	CL A	781846209	1,100	34,466	SH	DFND	1,2,3,4	34,466	0	0
RUSH ENTERPRISES INC	CL B	781846308	207	6,800	SH	DFND	1,2,3,4	6,800	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	5,712	855,045	SH	DFND	1,2,3,4	662,166	0	192,879
RYDER SYS INC	COM	783549108	2,079	78,622	SH	DFND	1,2,3,4	73,551	0	5,071
RYERSON HLDG CORP	COM	783754104	146	27,400	SH	DFND	1,2,3,4	27,400	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	3,331	92,924	SH	DFND	1,2,3,4	92,924	0	0
S & T BANCORP INC	COM	783859101	1,793	65,612	SH	DFND	1,2,3,4	57,323	0	8,289
SB FINL GROUP INC	COM	78408D105	4,738	426,044	SH	DFND	1,2,3,4	426,044	0	0
S&P GLOBAL INC	COM	78409V104	323,909	1,321,807	SH	DFND	1,2,3,4	1,144,314	0	177,493
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	52,903	195,960	SH	DFND	1,2,3,4	159,892	0	36,068
SEI INVESTMENTS CO	COM	784117103	10,243	221,031	SH	DFND	1,2,3,4	206,259	0	14,772
SEACOR MARINE HLDGS INC	COM	78413P101	143	32,723	SH	DFND	1,2,3,4	32,723	0	0
SB ONE BANCORP	COM	78413T103	2,984	175,508	SH	DFND	1,2,3,4	175,508	0	0
SJW GROUP	COM	784305104	2,561	44,337	SH	DFND	1,2,3,4	44,337	0	0
SL GREEN RLTY CORP	COM	78440X101	7,488	173,742	SH	DFND	1,2,3,4	159,578	0	14,164
SLM CORP	COM	78442P106	5,321	740,061	SH	DFND	1,2,3,4	696,395	0	43,666
SM ENERGY CO	COM	78454L100	205	168,350	SH	DFND	1,2,3,4	148,094	0	20,256
SPDR S&P 500 ETF TR	TR UNIT	78462F103	524,528	2,035,028	SH	DFND	1,2,3,4	2,020,094	0	14,934
SPDR S&P 500 ETF TR	TR UNIT	78462F103	62,607	242,900	SH Put	DFND	1,2,3,4	0	0	0
SPX CORP	COM	784635104	2,106	64,513	SH	DFND	1,2,3,4	54,815	0	9,698
SPS COMMERCE INC	COM	78463M107	4,182	89,920	SH	DFND	1,2,3,4	82,410	0	7,510
SPDR INDEX SHS FDS	EURO STOXX 50	78463X202	14,967	507,171	SH	DFND	1,2,3,4	453,435	0	53,736

SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	3,640	117,655	SH	DFND	1,2,3,4	97,719	0	19,936
SPDR SER TR	S&P REGL BKG	78464A698	1	42	SH	DFND	1,2,3,4	0	0	42
SPDR SER TR	S&P REGL BKG	78464A698	45,561	1,398,000	SH Put	DFND	1,2,3,4	0	0	0
SPDR SER TR	S&P RETAIL ETF	78464A714	1,183	39,728	SH	DFND	1,2,3,4	9,957	0	29,771
SPDR SER TR	S&P DIVID ETF	78464A763	385	4,821	SH	DFND	1,2,3,4	4,821	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	5,629	128,455	SH	DFND	1,2,3,4	99,202	0	29,253
SPDR DOW JONES INDL AVRG ETF	UT SER 1	78467X109	281	1,281	SH	DFND	1,2,3,4	1,281	0	0
SPDR S&P MIDCAP 400 ETF TR	UTSER1 S&PDCRP	78467Y107	22,306	84,851	SH	DFND	1,2,3,4	84,551	0	300
SPDR SER TR	NUVEEN BLMBRG SR	78468R739	1,654	33,825	SH	DFND	1,2,3,4	33,825	0	0
SP PLUS CORP	COM	78469C103	1,742	83,946	SH	DFND	1,2,3,4	83,946	0	0
SPX FLOW INC	COM	78469X107	1,914	67,345	SH	DFND	1,2,3,4	58,115	0	9,230
SVB FINANCIAL GROUP	COM	78486Q101	36,578	242,107	SH	DFND	1,2,3,4	207,996	0	34,111
SVMK INC	COM	78489X103	1,415	104,770	SH	DFND	1,2,3,4	104,770	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	8,441	773,001	SH	DFND	1,2,3,4	772,575	0	426
SABRE CORP	COM	78573M104	2,830	477,255	SH	DFND	1,2,3,4	448,269	0	28,986
SAFEGUARD SCIENTIFICS INC	COM NEW	786449207	103	18,630	SH	DFND	1,2,3,4	18,630	0	0
SAFEHOLD INC	COM	78645L100	997	15,772	SH	DFND	1,2,3,4	12,600	0	3,172
SAFETY INS GROUP INC	COM	78648T100	1,947	23,061	SH	DFND	1,2,3,4	19,801	0	3,260
SAGE THERAPEUTICS INC	COM	78667J108	1,607	55,941	SH	DFND	1,2,3,4	49,141	0	6,800
SAIA INC	COM	78709Y105	57,569	782,825	SH	DFND	1,2,3,4	731,704	0	51,121
SAILPOINT TECHNLGIES HLDGS I	COM	78781P105	1,763	115,804	SH	DFND	1,2,3,4	115,804	0	0
ST JOE CO	COM	790148100	953	56,775	SH	DFND	1,2,3,4	50,400	0	6,375
SALESFORCE COM INC	COM	79466L302	368,835	2,561,708	SH	DFND	1,2,3,4	1,969,944	0	591,764
SALLY BEAUTY HLDGS INC	COM	79546E104	2,306	285,447	SH	DFND	1,2,3,4	285,447	0	0
SANDERSON FARMS INC	COM	800013104	8,485	68,803	SH	DFND	1,2,3,4	66,534	0	2,269
SANDRIDGE ENERGY INC	COM NEW	80007P869	41	45,501	SH	DFND	1,2,3,4	45,501	0	0
SANDSTORM GOLD LTD	COM NEW	80013R206	55	10,900	SH	DFND	1,2,3,4	10,900	0	0
SANDY SPRING BANCORP INC	COM	800363103	19,016	839,935	SH	DFND	1,2,3,4	655,540	0	184,395
SANFILIPPO JOHN B & SON INC	COM	800422107	3,269	36,563	SH	DFND	1,2,3,4	34,313	0	2,250
SANGAMO THERAPEUTICS INC	COM	800677106	925	145,241	SH	DFND	1,2,3,4	145,241	0	0
SANMINA CORPORATION	COM	801056102	5,890	215,923	SH	DFND	1,2,3,4	200,923	0	15,000
SANOFI	SPONSORED ADR	80105N105	2,278	52,105	SH	DFND	1,2,3,4	48,414	0	3,691
SANTANDER CONSUMER USA HDG I	COM	80283M101	887	63,752	SH	DFND	1,2,3,4	53,638	0	10,114
SAREPTA THERAPEUTICS INC	COM	803607100	45,704	467,228	SH	DFND	1,2,3,4	409,998	0	57,230
SAUL CTRS INC	COM	804395101	630	19,231	SH	DFND	1,2,3,4	16,181	0	3,050
SAVARA INC	COM	805111101	107	50,600	SH	DFND	1,2,3,4	50,600	0	0
SCANSOURCE INC	COM	806037107	821	38,405	SH	DFND	1,2,3,4	32,621	0	5,784
HENRY SCHEIN INC	COM	806407102	112,843	2,233,623	SH	DFND	1,2,3,4	1,459,072	0	774,551
SCHLUMBERGER LTD	COM	806857108	31,243	2,316,000	SH	DFND	1,2,3,4	1,995,549	0	320,451
SCHNITZER STL INDS	CL A	806882106	391	30,000	SH	DFND	1,2,3,4	30,000	0	0
SCHNEIDER NATIONAL INC	CL B	80689H102	479	24,750	SH	DFND	1,2,3,4	19,350	0	5,400
SCHOLASTIC CORP	COM	807066105	996	39,080	SH	DFND	1,2,3,4	33,280	0	5,800
SCHOLAR ROCK HLDG CORP	COM	80706P103	248	20,500	SH	DFND	1,2,3,4	20,500	0	0
SCHRODINGER INC	COM	80810D103	1,288	29,861	SH	DFND	1,2,3,4	29,861	0	0
SCHWAB CHARLES CORP	COM	808513105	520,196	15,472,826	SH	DFND	1,2,3,4	11,220,454	0	4,252,372

SCHWAB CHARLES CORP	COM	808513105	32,484	966,211	SH	DFND	1,2,3,4,6	839,058	0	127,153
SCHWAB STRATEGIC TR	US MID-CAP ETF	808524508	229	5,428	SH	DFND	1,2,3,4	5,428	0	0
SCHWAB STRATEGIC TR	US DIVIDEND EQ	808524797	66,088	1,469,272	SH	DFND	1,2,3,4	1,469,272	0	0
SCHWAB STRATEGIC TR	INTL EQTY ETF	808524805	288	11,132	SH	DFND	1,2,3,4	11,132	0	0
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	1,257	45,173	SH	DFND	1,2,3,4	38,272	0	6,901
SCIENCE APPLICATNS INTL CP N	COM	808625107	10,824	145,042	SH	DFND	1,2,3,4	145,042	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	1,275	131,403	SH	DFND	1,2,3,4	131,403	0	0
SCOTT'S MIRACLE GRO CO	CL A	810186106	6,695	65,379	SH	DFND	1,2,3,4	60,081	0	5,298
SCRIPPS E W CO OHIO	CL A NEW	811054402	568	75,346	SH	DFND	1,2,3,4	62,148	0	13,198
SCULPTOR CAP MGMT	COM CL A	811246107	318	23,500	SH	DFND	1,2,3,4	23,500	0	0
SEA LTD	SPONSORED ADS	81141R100	3,073	69,350	SH	DFND	1,2,3,4	69,350	0	0
SEABOARD CORP	COM	811543107	672	239	SH	DFND	1,2,3,4	124	0	115
SEACOAST BKG CORP FLA	COM NEW	811707801	1,520	82,997	SH	DFND	1,2,3,4	71,900	0	11,097
SEACOR HOLDINGS INC	COM	811904101	682	25,300	SH	DFND	1,2,3,4	22,000	0	3,300
SEALED AIR CORP NEW	COM	81211K100	78,658	3,183,230	SH	DFND	1,2,3,4	2,715,741	0	467,489
SEASPINE HLDGS CORP	COM	81255T108	199	24,300	SH	DFND	1,2,3,4	24,300	0	0
SEATTLE GENETICS INC	COM	812578102	7,839	67,939	SH	DFND	1,2,3,4	52,121	0	15,818
SEAWORLD ENTMT INC	COM	81282V100	732	66,400	SH	DFND	1,2,3,4	66,400	0	0
SELECT SECTOR SPDR TR	SBI HEALTHCARE	81369Y209	657	7,417	SH	DFND	1,2,3,4	6,961	0	456
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	641	11,775	SH	DFND	1,2,3,4	11,775	0	0
SELECT SECTOR SPDR TR	SBI INT-INDS	81369Y704	730	12,375	SH	DFND	1,2,3,4	12,375	0	0
SELECT SECTOR SPDR TR	SBI INT-UTILS	81369Y886	9,480	171,094	SH	DFND	1,2,3,4	7,053	0	164,041
SECUREWORKS CORP	CL A	81374A105	409	35,500	SH	DFND	1,2,3,4	35,500	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	334	103,514	SH	DFND	1,2,3,4	103,514	0	0
SELECT BANCORP INC NEW	COM	81617L108	4,768	624,862	SH	DFND	1,2,3,4	624,862	0	0
SELECT MED HLDGS CORP	COM	81619Q105	2,672	178,152	SH	DFND	1,2,3,4	159,588	0	18,564
SELECTIVE INS GROUP INC	COM	816300107	62,146	1,250,428	SH	DFND	1,2,3,4	1,051,174	0	199,254
SEMTECH CORP	COM	816850101	6,518	173,815	SH	DFND	1,2,3,4	173,815	0	0
SEMPRA ENERGY	COM	816851109	56,157	497,010	SH	DFND	1,2,3,4	441,036	0	55,974
SENECA FOODS CORP NEW	CL A	817070501	422	10,600	SH	DFND	1,2,3,4	9,300	0	1,300
SENSIENT TECHNOLOGIES CORP	COM	81725T100	5,037	115,760	SH	DFND	1,2,3,4	115,760	0	0
SENSEONICS HLDGS INC	COM	81727U105	127	201,100	SH	DFND	1,2,3,4	201,100	0	0
SERES THERAPEUTICS INC	COM	81750R102	293	82,000	SH	DFND	1,2,3,4	82,000	0	0
SERITAGE GROWTH PTYS	CL A	81752R100	589	64,658	SH	DFND	1,2,3,4	64,658	0	0
SERVICE CORP INTL	COM	817565104	257,757	6,590,567	SH	DFND	1,2,3,4	4,331,976	0	2,258,591
SERVICE PTYS TR	COM SH BEN INT	81761L102	2,125	393,584	SH	DFND	1,2,3,4	377,489	0	16,095
SERVICEMASTER GLOBAL HLDGS I	COM	81761R109	2,425	89,813	SH	DFND	1,2,3,4	75,595	0	14,218
SERVICENOW INC	COM	81762P102	131,030	457,219	SH	DFND	1,2,3,4	350,438	0	106,781
SERVISFIRST BANCSHARES INC	COM	81768T108	2,160	73,660	SH	DFND	1,2,3,4	63,600	0	10,060
SHAKE SHACK INC	CL A	819047101	1,765	46,760	SH	DFND	1,2,3,4	40,200	0	6,560
SHARPSRING INC	COM	820054104	78	12,800	SH	DFND	1,2,3,4	12,800	0	0
SHAW COMMUNICATIONS INC	CL B CONV	82028K200	930	57,408	SH	DFND	1,2,3,4	57,408	0	0

SHENANDOAH TELECOMMUNICATION	COM	82312B106	3,678	74,673	SH	DFND	1,2,3,4	64,534	0	10,139
SHERWIN WILLIAMS CO	COM	824348106	459,899	1,000,825	SH	DFND	1,2,3,4	913,581	0	87,244
SHOE CARNIVAL INC	COM	824889109	344	16,570	SH	DFND	1,2,3,4	13,600	0	2,970
SHOCKWAVE MED INC	COM	82489T104	1,025	30,889	SH	DFND	1,2,3,4	30,889	0	0
SHOPIFY INC	CL A	82509L107	10,502	25,189	SH	DFND	1,2,3,4	22,489	0	2,700
SHORE BANCSHARES INC	COM	825107105	684	63,064	SH	DFND	1,2,3,4	63,064	0	0
SHOTSPOTTER INC	COM	82536T107	363	13,200	SH	DFND	1,2,3,4	13,200	0	0
SHUTTERSTOCK INC	COM	825690100	938	29,158	SH	DFND	1,2,3,4	24,288	0	4,870
SI BONE INC	COM	825704109	338	28,300	SH	DFND	1,2,3,4	28,300	0	0
SIERRA BANCORP	COM	82620P102	253	14,366	SH	DFND	1,2,3,4	14,366	0	0
SIENTRA INC	COM	82621J105	202	101,700	SH	DFND	1,2,3,4	101,700	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	8,128	101,101	SH	DFND	1,2,3,4	93,555	0	7,546
SIGA TECHNOLOGIES INC	COM	826917106	277	57,900	SH	DFND	1,2,3,4	57,900	0	0
SILICON LABORATORIES INC	COM	826919102	66,409	777,534	SH	DFND	1,2,3,4	736,716	0	40,818
SILGAN HOLDINGS INC	COM	827048109	3,588	123,649	SH	DFND	1,2,3,4	116,029	0	7,620
SILK RD MED INC	COM	82710M100	45,718	1,452,273	SH	DFND	1,2,3,4	1,363,366	0	88,907
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	2,813	152,905	SH	DFND	1,2,3,4	128,924	0	23,981
SIMON PPTY GROUP INC NEW	COM	828806109	37,897	690,797	SH	DFND	1,2,3,4	613,334	0	77,463
SIMPLY GOOD FOODS CO	COM	82900L102	1,828	94,900	SH	DFND	1,2,3,4	94,900	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	4,468	72,094	SH	DFND	1,2,3,4	63,414	0	8,680
SIMULATIONS PLUS INC	COM	829214105	454	13,000	SH	DFND	1,2,3,4	13,000	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	492	30,611	SH	DFND	1,2,3,4	21,346	0	9,265
SIRIUS XM HLDGS INC	COM	82968B103	4,296	869,697	SH	DFND	1,2,3,4	683,179	0	186,518
SITE CENTERS CORP	COM	82981J109	6,483	1,244,399	SH	DFND	1,2,3,4	1,208,317	0	36,082
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	108,361	1,471,903	SH	DFND	1,2,3,4	1,346,820	0	125,083
SIX FLAGS ENTMT CORP NEW	COM	83001A102	1,651	131,679	SH	DFND	1,2,3,4	123,644	0	8,035
SKECHERS U S A INC	CL A	830566105	53,251	2,243,084	SH	DFND	1,2,3,4	1,906,641	0	336,443
SKYLINE CHAMPION CORPORATION	COM	830830105	24,982	1,593,208	SH	DFND	1,2,3,4	1,499,071	0	94,137
SKYWEST INC	COM	830879102	57,240	2,185,577	SH	DFND	1,2,3,4	1,837,037	0	348,540
SKYWORKS SOLUTIONS INC	COM	83088M102	27,725	310,188	SH	DFND	1,2,3,4	250,019	0	60,169
SLACK TECHNOLOGIES INC	COM CL A	83088V102	227,599	8,479,852	SH	DFND	1,2,3,4	7,829,381	0	650,471
SLEEP NUMBER CORP	COM	83125X103	31,104	1,623,407	SH	DFND	1,2,3,4	1,519,618	0	103,789
SMITH A O CORP	COM	831865209	10,039	265,513	SH	DFND	1,2,3,4	197,484	0	68,029
SMART SAND INC	COM	83191H107	48	46,600	SH	DFND	1,2,3,4	46,600	0	0
SMILEDIRECTCLUB INC	CL A COM	83192H106	586	125,429	SH	DFND	1,2,3,4	125,429	0	0
SMARTSHEET INC	COM CL A	83200N103	109,601	2,640,361	SH	DFND	1,2,3,4	2,389,543	0	250,818
SMUCKER J M CO	COM NEW	832696405	20,056	180,687	SH	DFND	1,2,3,4	161,380	0	19,307
SNAP ON INC	COM	833034101	11,355	104,344	SH	DFND	1,2,3,4	80,895	0	23,449
SNAP INC	CL A	83304A106	971	81,647	SH	DFND	1,2,3,4	81,647	0	0
SOCIEDAD QUIMICA MINERA DE C	SPON ADR SER B	833635105	2,011	89,198	SH	DFND	1,2,3,4	89,198	0	0
SOLAREdge TECHNOLOGIES INC	COM	83417M104	9,079	110,882	SH	DFND	1,2,3,4	110,882	0	0
SOLARWINDS CORP	COM	83417Q105	953	60,813	SH	DFND	1,2,3,4	56,012	0	4,801
SOLARIS OILFIELD INFRSTR INC	COM CL A	83418M103	136	25,900	SH	DFND	1,2,3,4	25,900	0	0
SOLID BIOSCIENCES INC	COM	83422E105	131	55,000	SH	DFND	1,2,3,4	55,000	0	0
SOLITON INC	COM	834251100	256	31,600	SH	DFND	1,2,3,4	31,600	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	460	34,665	SH	DFND	1,2,3,4	28,025	0	6,640
SONIM TECHNOLOGIES	COM	83548F101	8	12,000	SH	DFND	1,2,3,4	12,000	0	0

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SONOCO PRODS CO	COM	835495102	7,891	170,257	SH	DFND	1,2,3,4	160,511	0	9,746
SONOS INC	COM	83570H108	692	81,600	SH	DFND	1,2,3,4	81,600	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	1,239	673,400	SH	DFND	1,2,3,4	673,400	0	0
SOUND FINL BANCORP INC	COM	83607A100	1,966	93,597	SH	DFND	1,2,3,4	93,597	0	0
SOUTH JERSEY INDS INC	COM	838518108	3,677	147,093	SH	DFND	1,2,3,4	126,208	0	20,885
SOUTH ST CORP	COM	840441109	2,694	45,868	SH	DFND	1,2,3,4	45,868	0	0
SOUTHERN CO	COM	842587107	92,915	1,716,197	SH	DFND	1,2,3,4	1,496,579	0	219,618
SOUTHERN COPPER CORP	COM	84265V105	2,462	87,412	SH	DFND	1,2,3,4	78,456	0	8,956
SOUTHERN FIRST BANCSHARES IN	COM	842873101	2,222	78,338	SH	DFND	1,2,3,4	78,338	0	0
SOUTHERN MO BANCORP INC	COM	843380106	235	9,700	SH	DFND	1,2,3,4	9,700	0	0
SOUTHERN NATL BANCORP OF VA	COM	843395104	214	21,700	SH	DFND	1,2,3,4	21,700	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	1,364	44,898	SH	DFND	1,2,3,4	37,458	0	7,440
SOUTHWEST AIRLS CO	COM	844741108	49,078	1,378,205	SH	DFND	1,2,3,4	1,220,319	0	157,886
SOUTHWEST GAS HOLDINGS INC	COM	844895102	46,728	671,771	SH	DFND	1,2,3,4	594,575	0	77,196
SOUTHWEST GA FINL CORP	COM	84502A104	764	41,812	SH	DFND	1,2,3,4	41,812	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	1,558	921,972	SH	DFND	1,2,3,4	820,172	0	101,800
SPARK ENERGY INC	CL A COM	846511103	1,180	188,202	SH	DFND	1,2,3,4	188,202	0	0
SPARTAN MTRS INC	COM	846819100	16,152	1,251,116	SH	DFND	1,2,3,4	968,513	0	282,603
SPARTANNASH CO	COM	847215100	2,252	157,257	SH	DFND	1,2,3,4	150,457	0	6,800
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	575	246,725	SH	DFND	1,2,3,4	225,475	0	21,250
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	3,284	90,304	SH	DFND	1,2,3,4	71,299	0	19,005
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	10,499	438,745	SH	DFND	1,2,3,4	156,832	0	281,913
SPIRIT AIRLS INC	COM	848577102	1,243	96,400	SH	DFND	1,2,3,4	96,400	0	0
SPIRE INC	COM	84857L101	10,198	136,922	SH	DFND	1,2,3,4	136,922	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	5,453	208,514	SH	DFND	1,2,3,4	198,765	0	9,749
SPIRIT OF TEX BANCSHARES INC	COM	84861D103	432	41,814	SH	DFND	1,2,3,4	41,814	0	0
SPLUNK INC	COM	848637104	205,943	1,631,488	SH	DFND	1,2,3,4	1,482,554	0	148,934
SPOK HLDGS INC	COM	84863T106	326	30,493	SH	DFND	1,2,3,4	27,243	0	3,250
SPORTSMANS WHSE HLDGS INC	COM	84920Y106	164	26,600	SH	DFND	1,2,3,4	26,600	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	300	11,100	SH	DFND	1,2,3,4	11,100	0	0
SPRINT CORPORATION	COM	85207U105	3,505	406,657	SH	DFND	1,2,3,4	349,984	0	56,673
SPRINT CORPORATION	COM	85207U105	14,192	1,646,400	SH Put	DFND	1,2,3,4	0	0	0
SPROUTS FMRS MKT INC	COM	85208M102	3,130	168,378	SH	DFND	1,2,3,4	154,752	0	13,626
SPROUT SOCIAL INC	COM CL A	85209W109	217	13,600	SH	DFND	1,2,3,4	13,600	0	0
SQUARE INC	CL A	852234103	78,399	1,496,728	SH	DFND	1,2,3,4	949,971	0	546,757
STAAR SURGICAL CO	COM PAR \$0.01	852312305	1,910	59,200	SH	DFND	1,2,3,4	59,200	0	0
STAG INDL INC	COM	85254J102	133,725	5,938,042	SH	DFND	1,2,3,4	5,184,583	0	753,459
STAMPS COM INC	COM NEW	852857200	3,177	24,422	SH	DFND	1,2,3,4	20,860	0	3,562
STANDARD MTR PRODS INC	COM	853666105	1,301	31,308	SH	DFND	1,2,3,4	26,600	0	4,708
STANDEX INTL CORP	COM	854231107	902	18,399	SH	DFND	1,2,3,4	15,379	0	3,020
STANLEY BLACK & DECKER INC	COM	854502101	47,967	479,672	SH	DFND	1,2,3,4	277,069	0	202,603
STARBUCKS CORP	COM	855244109	274,828	4,180,535	SH	DFND	1,2,3,4	3,171,183	0	1,009,352
STATE AUTO FINL CORP	COM	855707105	13,605	489,577	SH	DFND	1,2,3,4	375,862	0	113,715
STARS GROUP INC	COM	85570W100	11,266	551,699	SH	DFND	1,2,3,4	551,699	0	0

STARWOOD PPTY TR INC	COM	85571B105	1,658	161,751	SH	DFND	1,2,3,4	134,282	0	27,469
STATE STR CORP	COM	857477103	40,858	766,991	SH	DFND	1,2,3,4	569,276	0	197,715
STEEL DYNAMICS INC	COM	858119100	8,450	374,881	SH	DFND	1,2,3,4	354,334	0	20,547
STEELCASE INC	CL A	858155203	2,309	233,906	SH	DFND	1,2,3,4	233,906	0	0
STEPAN CO	COM	858586100	3,499	39,560	SH	DFND	1,2,3,4	35,210	0	4,350
STEMLINE THERAPEUTICS INC	COM	85858C107	346	71,500	SH	DFND	1,2,3,4	71,500	0	0
STERICYCLE INC	COM	858912108	362,097	7,453,622	SH	DFND	1,2,3,4	5,354,778	0	2,098,844
STERICYCLE INC	COM	858912108	30,622	630,341	SH	DFND	1,2,3,4,6	546,142	0	84,199
STERLING BANCORP DEL	COM	85917A100	53,747	5,143,257	SH	DFND	1,2,3,4	4,398,727	0	744,530
STERLING BANCORP INC	COM	85917W102	351	81,544	SH	DFND	1,2,3,4	81,544	0	0
STERLING CONSTRUCTION CO INC	COM	859241101	135	14,200	SH	DFND	1,2,3,4	14,200	0	0
STEWART INFORMATION SVCS COR	COM	860372101	933	34,977	SH	DFND	1,2,3,4	30,527	0	4,450
STIFEL FINL CORP	COM	860630102	49,679	1,203,475	SH	DFND	1,2,3,4	1,111,588	0	91,887
STITCH FIX INC	COM CL A	860897107	812	63,900	SH	DFND	1,2,3,4	63,900	0	0
STOCK YDS BANCORP INC	COM	861025104	810	28,014	SH	DFND	1,2,3,4	28,014	0	0
STOKE THERAPEUTICS INC	COM	86150R107	396	17,300	SH	DFND	1,2,3,4	17,300	0	0
STONERIDGE INC	COM	86183P102	487	29,100	SH	DFND	1,2,3,4	29,100	0	0
STORE CAP CORP	COM	862121100	3,505	193,412	SH	DFND	1,2,3,4	172,212	0	21,200
STRATEGIC ED INC	COM	86272C103	144,416	1,033,315	SH	DFND	1,2,3,4	942,835	0	90,480
STRYKER CORP	COM	863667101	354,631	2,130,041	SH	DFND	1,2,3,4	1,918,853	0	211,188
STURM RUGER & CO INC	COM	864159108	3,541	69,559	SH	DFND	1,2,3,4	25,443	0	44,116
SUMMIT FINL GROUP INC	COM	86606G101	238	11,200	SH	DFND	1,2,3,4	11,200	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	1,316	311,761	SH	DFND	1,2,3,4	287,811	0	23,950
SUMMIT MATLS INC	CL A	86614U100	3,611	240,726	SH	DFND	1,2,3,4	240,726	0	0
SUN CMNTYS INC	COM	866674104	170,760	1,367,725	SH	DFND	1,2,3,4	1,213,344	0	154,381
SUN LIFE FINL INC	COM	866796105	3,439	107,177	SH	DFND	1,2,3,4	91,877	0	15,300
SUNCOR ENERGY INC NEW	COM	867224107	10,952	693,155	SH	DFND	1,2,3,4	652,058	0	41,097
SUNCOKE ENERGY INC	COM	86722A103	496	128,956	SH	DFND	1,2,3,4	110,740	0	18,216
SUNNOVA ENERGY INTL INC	COM	86745K104	258	25,600	SH	DFND	1,2,3,4	25,600	0	0
SUNPOWER CORP	COM	867652406	1,210	238,603	SH	DFND	1,2,3,4	238,603	0	0
SUNRUN INC	COM	86771W105	7,856	777,838	SH	DFND	1,2,3,4	532,799	0	245,039
SUNSTONE HOTEL INVS INC NEW	COM	867892101	3,821	438,738	SH	DFND	1,2,3,4	438,738	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	1,299	72,190	SH	DFND	1,2,3,4	62,340	0	9,850
SURGERY PARTNERS INC	COM	86881A100	381	58,400	SH	DFND	1,2,3,4	58,400	0	0
SURMODICS INC	COM	868873100	599	17,971	SH	DFND	1,2,3,4	15,421	0	2,550
SWITCH INC	CL A	87105L104	436	30,218	SH	DFND	1,2,3,4	22,306	0	7,912
SYKES ENTERPRISES INC	COM	871237103	1,710	63,050	SH	DFND	1,2,3,4	54,712	0	8,338
SYNCHRONOSS TECHNOLOGIES INC	COM	87157B103	105	34,300	SH	DFND	1,2,3,4	34,300	0	0
SYNAPTICS INC	COM	87157D109	7,384	127,604	SH	DFND	1,2,3,4	127,604	0	0
SYNOPSYS INC	COM	871607107	31,013	240,805	SH	DFND	1,2,3,4	209,213	0	31,592
SYNOVUS FINL CORP	COM NEW	87161C501	65,507	3,730,441	SH	DFND	1,2,3,4	3,155,032	0	575,409
SYNNEX CORP	COM	87162W100	5,834	79,802	SH	DFND	1,2,3,4	75,702	0	4,100
SYNDAX PHARMACEUTICALS INC	COM	87164F105	310	28,300	SH	DFND	1,2,3,4	28,300	0	0
SYNCHRONY FINL	COM	87165B103	52,752	3,278,573	SH	DFND	1,2,3,4	2,700,090	0	578,483
SYNEOS HEALTH INC	CL A	87166B102	9,041	229,359	SH	DFND	1,2,3,4	229,359	0	0

SYSCO CORP	COM	871829107	92,447	2,026,011	SH	DFND	1,2,3,4	1,799,100	0	226,911
SYROS PHARMACEUTICALS INC	COM	87184Q107	235	39,600	SH	DFND	1,2,3,4	39,600	0	0
SYSTEMAX INC	COM	871851101	330	18,607	SH	DFND	1,2,3,4	18,607	0	0
TCF FINANCIAL CORPORATION NE	COM	872307103	6,014	265,388	SH	DFND	1,2,3,4	250,394	0	14,994
TD AMERITRADE HLDG CORP	COM	87236Y108	14,106	406,995	SH	DFND	1,2,3,4	366,965	0	40,030
TFS FINL CORP	COM	87240R107	480	31,429	SH	DFND	1,2,3,4	26,699	0	4,730
TJX COS INC NEW	COM	872540109	842,931	17,630,857	SH	DFND	1,2,3,4	15,560,759	0	2,070,098
TJX COS INC NEW	COM	872540109	28,283	591,568	SH	DFND	1,2,3,4,6	534,527	0	57,041
T MOBILE US INC	COM	872590104	70,617	841,681	SH	DFND	1,2,3,4	745,202	0	96,479
TRI POINTE GROUP INC	COM	87265H109	2,960	337,510	SH	DFND	1,2,3,4	337,510	0	0
TPI COMPOSITES INC	COM	87266J104	1,502	101,651	SH	DFND	1,2,3,4	101,651	0	0
TPG RE FIN TR INC	COM	87266M107	440	80,200	SH	DFND	1,2,3,4	80,200	0	0
TTM TECHNOLOGIES INC	COM	87305R109	65,915	6,374,805	SH	DFND	1,2,3,4	5,320,333	0	1,054,472
TABULA RASA HEALTHCARE INC	COM	873379101	1,608	30,749	SH	DFND	1,2,3,4	26,700	0	4,049
TACTILE SYS TECHNOLOGY INC	COM	87357P100	39,851	992,311	SH	DFND	1,2,3,4	927,329	0	64,982
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	15,847	331,606	SH	DFND	1,2,3,4	296,684	0	34,922
TAILORED BRANDS INC	COM	87403A107	198	113,951	SH	DFND	1,2,3,4	104,451	0	9,500
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	93,761	790,500	SH	DFND	1,2,3,4	739,249	0	51,251
TAL EDUCATION GROUP	SPONSORED ADS	874080104	33,913	636,745	SH	DFND	1,2,3,4	567,895	0	68,850
TALLGRASS ENERGY LP	CLASS A SHS	874696107	2,512	152,600	SH	DFND	1,2,3,4	152,600	0	0
TALOS ENERGY INC	COM	87484T108	165	28,773	SH	DFND	1,2,3,4	25,000	0	3,773
TANDEM DIABETES CARE INC	COM NEW	875372203	6,566	102,030	SH	DFND	1,2,3,4	102,030	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	965	193,066	SH	DFND	1,2,3,4	175,600	0	17,466
TAPESTRY INC	COM	876030107	5,904	455,886	SH	DFND	1,2,3,4	399,161	0	56,725
TARGET CORP	COM	87612E106	126,537	1,361,053	SH	DFND	1,2,3,4	1,287,923	0	73,130
TARGA RES CORP	COM	87612G101	1,449	209,646	SH	DFND	1,2,3,4	180,886	0	28,760
TARGET HOSPITALITY CORP	COM	87615L107	63	31,500	SH	DFND	1,2,3,4	31,500	0	0
TATA MTRS LTD	SPONSORED ADR	876568502	180	38,117	SH	DFND	1,2,3,4	38,117	0	0
TAUBMAN CTRS INC	COM	876664103	9,581	228,778	SH	DFND	1,2,3,4	223,063	0	5,715
TAYLOR MORRISON HOME CORP	COM	87724P106	63,893	5,808,421	SH	DFND	1,2,3,4	4,926,465	0	881,956
TC ENERGY CORP	COM	87807B107	15,681	353,971	SH	DFND	1,2,3,4	353,081	0	890
TEAM INC	COM	878155100	215	33,100	SH	DFND	1,2,3,4	27,400	0	5,700
TECH DATA CORP	COM	878237106	20,024	153,033	SH	DFND	1,2,3,4	153,033	0	0
TECK RESOURCES LTD	CL B	878742204	1,410	186,444	SH	DFND	1,2,3,4	173,639	0	12,805
TECHTARGET INC	COM	87874R100	718	34,820	SH	DFND	1,2,3,4	28,200	0	6,620
TEGNA INC	COM	87901J105	10,391	956,786	SH	DFND	1,2,3,4	955,932	0	854
TEJON RANCH CO	COM	879080109	330	23,502	SH	DFND	1,2,3,4	23,502	0	0
TELARIA INC	COM	879181105	216	36,000	SH	DFND	1,2,3,4	36,000	0	0
TELADOC HEALTH INC	COM	87918A105	222,397	1,434,725	SH	DFND	1,2,3,4	1,324,080	0	110,645
TELEDYNE TECHNOLOGIES INC	COM	879360105	18,937	63,704	SH	DFND	1,2,3,4	60,104	0	3,600
TELEFLEX INCORPORATED	COM	879369106	21,103	72,059	SH	DFND	1,2,3,4	62,260	0	9,799
TELEPHONE & DATA SYS INC	COM NEW	879433829	2,779	165,831	SH	DFND	1,2,3,4	155,944	0	9,887
TELENAV INC	COM	879455103	189	43,700	SH	DFND	1,2,3,4	43,700	0	0
TELLURIAN INC NEW	COM	87968A104	827	914,518	SH	DFND	1,2,3,4	762,731	0	151,787
TELUS CORPORATION	COM	87971M103	12,796	810,906	SH	DFND	1,2,3,4	776,186	0	34,720
TEMPUR SEALY INTL INC	COM	88023U101	44,295	1,013,373	SH	DFND	1,2,3,4	903,706	0	109,667
TENABLE HLDGS INC	COM	88025T102	1,298	59,360	SH	DFND	1,2,3,4	59,360	0	0

10X GENOMICS INC	CL A COM	88025U109	98,030	1,573,010	SH	DFND	1,2,3,4	1,428,501	0	144,509
TENET HEALTHCARE CORP	COM NEW	88033G407	3,904	271,112	SH	DFND	1,2,3,4	271,112	0	0
TENNANT CO	COM	880345103	1,637	28,240	SH	DFND	1,2,3,4	24,278	0	3,962
TENNECO INC	CL A VTG COM STK	880349105	344	95,620	SH	DFND	1,2,3,4	95,620	0	0
TERADATA CORP DEL	COM	88076W103	3,614	176,366	SH	DFND	1,2,3,4	161,170	0	15,196
TERADYNE INC	COM	880770102	23,093	426,313	SH	DFND	1,2,3,4	403,663	0	22,650
TEREX CORP NEW	COM	880779103	29,947	2,085,470	SH	DFND	1,2,3,4	1,773,777	0	311,693
TERRAFORM PWR INC	COM CL A	88104R209	8,778	556,613	SH	DFND	1,2,3,4	556,613	0	0
TERRITORIAL BANCORP INC	COM	88145X108	4,823	196,442	SH	DFND	1,2,3,4	196,442	0	0
TERRENO RLTY CORP	COM	88146M101	5,990	115,746	SH	DFND	1,2,3,4	115,746	0	0
TESLA INC	COM	88160R101	111,968	213,679	SH	DFND	1,2,3,4	137,205	0	76,474
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	3,343	372,272	SH	DFND	1,2,3,4	369,856	0	2,416
TETRA TECHNOLOGIES INC DEL	COM	88162F105	59	183,333	SH	DFND	1,2,3,4	159,733	0	23,600
TETRA TECH INC NEW	COM	88162G103	73,253	1,037,277	SH	DFND	1,2,3,4	983,401	0	53,876
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	44,203	1,993,811	SH	DFND	1,2,3,4	1,705,795	0	288,016
TEXAS INSTRS INC	COM	882508104	554,793	5,551,817	SH	DFND	1,2,3,4	5,076,039	0	475,778
TEXAS ROADHOUSE INC	COM	882681109	7,414	179,507	SH	DFND	1,2,3,4	179,507	0	0
TEXTRON INC	COM	883203101	10,921	409,482	SH	DFND	1,2,3,4	328,946	0	80,536
TG THERAPEUTICS INC	COM	88322Q108	1,072	108,900	SH	DFND	1,2,3,4	108,900	0	0
THERAPEUTICSMD INC	COM	88338N107	343	323,640	SH	DFND	1,2,3,4	323,640	0	0
THE TRADE DESK INC	COM CL A	88339J105	46,060	238,652	SH	DFND	1,2,3,4	209,449	0	29,203
THE REALREAL INC	COM	88339P101	18,199	2,596,178	SH	DFND	1,2,3,4	2,431,013	0	165,165
THERMO FISHER SCIENTIFIC INC	COM	883556102	180,985	638,170	SH	DFND	1,2,3,4	565,901	0	72,269
THERMON GROUP HLDGS INC	COM	88362T103	570	37,820	SH	DFND	1,2,3,4	37,820	0	0
THOMSON REUTERS CORP	COM NEW	884903709	1,683	24,803	SH	DFND	1,2,3,4	24,717	0	86
THOR INDS INC	COM	885160101	5,150	122,098	SH	DFND	1,2,3,4	116,928	0	5,170
3-D SYS CORP DEL	COM NEW	88554D205	1,274	165,255	SH	DFND	1,2,3,4	138,300	0	26,955
3M CO	COM	88579Y101	365,132	2,674,764	SH	DFND	1,2,3,4	1,861,112	0	813,652
TIDEWATER INC NEW	COM	88642R109	342	48,300	SH	DFND	1,2,3,4	48,300	0	0
TIFFANY & CO NEW	COM	886547108	42,025	324,517	SH	DFND	1,2,3,4	301,551	0	22,966
TIMBERLAND BANCORP INC	COM	887098101	1,609	87,973	SH	DFND	1,2,3,4	87,973	0	0
TIMKEN CO	COM	887389104	3,612	111,684	SH	DFND	1,2,3,4	105,238	0	6,446
TIMKENSTEEL CORP	COM	887399103	145	44,805	SH	DFND	1,2,3,4	37,300	0	7,505
TIPTREE INC	COM	88822Q103	102	19,500	SH	DFND	1,2,3,4	19,500	0	0
TITAN INTL INC ILL	COM	88830M102	110	70,700	SH	DFND	1,2,3,4	61,300	0	9,400
TITAN MACHY INC	COM	88830R101	2,200	253,133	SH	DFND	1,2,3,4	253,133	0	0
TIVO CORP	COM	88870P106	3,725	526,175	SH	DFND	1,2,3,4	502,375	0	23,800
TIVITY HEALTH INC	COM	88870R102	549	87,345	SH	DFND	1,2,3,4	79,245	0	8,100
TOLL BROTHERS INC	COM	889478103	8,000	415,575	SH	DFND	1,2,3,4	355,634	0	59,941
TOMPKINS FINANCIAL CORPORATI	COM	890110109	1,760	24,514	SH	DFND	1,2,3,4	21,624	0	2,890
TOOTSIE ROLL INDS INC	COM	890516107	1,446	40,214	SH	DFND	1,2,3,4	40,214	0	0
TOPBUILD CORP	COM	89055F103	6,443	89,936	SH	DFND	1,2,3,4	82,616	0	7,320
TORO CO	COM	891092108	11,656	179,081	SH	DFND	1,2,3,4	164,631	0	14,450
TORONTO DOMINION BK ONT	COM NEW	891160509	12,697	299,523	SH	DFND	1,2,3,4	251,843	0	47,680
TOWNEBANK PORTSMOUTH VA	COM	89214P109	1,855	102,539	SH	DFND	1,2,3,4	102,539	0	0
TRACTOR SUPPLY CO	COM	892356106	17,117	202,449	SH	DFND	1,2,3,4	162,742	0	39,707
TRADEWEB MKTS INC	CL A	892672106	42,954	1,021,740	SH	DFND	1,2,3,4	908,950	0	112,790
TRANSALTA CORP	COM	89346D107	86	16,500	SH	DFND	1,2,3,4	16,500	0	0
TRANSDIGM GROUP INC	COM	893641100	25,432	79,429	SH	DFND	1,2,3,4	67,710	0	11,719
TRANSENTERIX INC	COM	89366M300	4	12,278	SH	DFND	1,2,3,4	12,278	0	0
TRANSLATE BIO INC	COM	89374L104	344	34,500	SH	DFND	1,2,3,4	34,500	0	0

TRANSMEDICS GROUP INC	COM	89377M109	227	18,800	SH	DFND	1,2,3,4	18,800	0	0
TRANSUNION	COM	89400J107	6,920	104,563	SH	DFND	1,2,3,4	79,143	0	25,420
TRAVELERS COMPANIES INC	COM	89417E109	43,549	438,336	SH	DFND	1,2,3,4	368,510	0	69,826
TRECORA RES	COM	894648104	93	15,600	SH	DFND	1,2,3,4	15,600	0	0
TREDEGAR CORP	COM	894650100	447	28,602	SH	DFND	1,2,3,4	22,729	0	5,873
TREEHOUSE FOODS INC	COM	89469A104	3,719	84,234	SH	DFND	1,2,3,4	77,983	0	6,251
TREX CO INC	COM	89531P105	195,407	2,438,326	SH	DFND	1,2,3,4	1,999,373	0	438,953
TRICO BANCSHARES	COM	896095106	21,262	713,017	SH	DFND	1,2,3,4	558,401	0	154,616
TRIBUNE PUBG CO NEW	COM	89609W107	243	30,000	SH	DFND	1,2,3,4	30,000	0	0
TRICIDA INC	COM	89610F101	702	31,900	SH	DFND	1,2,3,4	31,900	0	0
TRILLIUM THERAPEUTICS INC	COM NEW	89620X506	9,550	2,363,767	SH	DFND	1,2,3,4	2,210,966	0	152,801
TRIMAS CORP	COM NEW	896215209	1,294	56,000	SH	DFND	1,2,3,4	56,000	0	0
TRIMBLE INC	COM	896239100	14,321	449,915	SH	DFND	1,2,3,4	416,948	0	32,967
TRINET GROUP INC	COM	896288107	2,597	68,950	SH	DFND	1,2,3,4	68,950	0	0
TRINITY INDS INC	COM	896522109	7,563	470,637	SH	DFND	1,2,3,4	460,671	0	9,966
TRIPLE-S MGMT CORP	CL B	896749108	392	27,802	SH	DFND	1,2,3,4	27,802	0	0
TRIP COM GROUP LTD	ADS	89677Q107	1,080	46,065	SH	DFND	1,2,3,4	16,065	0	30,000
TRIPLEPOINT VENTURE GROWTH B	COM	89677Y100	1,803	314,148	SH	DFND	1,2,3,4	314,148	0	0
TRISTATE CAP HLDGS INC	COM	89678F100	298	30,800	SH	DFND	1,2,3,4	30,800	0	0
TRIUMPH BANCORP INC	COM	89679E300	1,216	46,780	SH	DFND	1,2,3,4	40,700	0	6,080
TRIUMPH GROUP INC NEW	COM	896818101	584	86,400	SH	DFND	1,2,3,4	77,000	0	9,400
TRIPADVISOR INC	COM	896945201	3,614	207,848	SH	DFND	1,2,3,4	190,178	0	17,670
TRUECAR INC	COM	89785L107	306	126,370	SH	DFND	1,2,3,4	126,370	0	0
TRUEBLUE INC	COM	89785X101	1,649	129,231	SH	DFND	1,2,3,4	121,931	0	7,300
TRUPANION INC	COM	898202106	49,979	1,920,068	SH	DFND	1,2,3,4	1,798,436	0	121,632
TRUIST FINL CORP	COM	89832Q109	63,901	2,072,016	SH	DFND	1,2,3,4	1,878,318	0	193,698
TRUSTCO BK CORP N Y	COM	898349105	868	160,468	SH	DFND	1,2,3,4	142,268	0	18,200
TRUSTMARK CORP	COM	898402102	3,799	163,050	SH	DFND	1,2,3,4	163,050	0	0
TTEC HLDGS INC	COM	89854H102	4,125	112,345	SH	DFND	1,2,3,4	107,965	0	4,380
TUCOWS INC	COM NEW	898697206	391	8,100	SH	DFND	1,2,3,4	8,100	0	0
TUPPERWARE BRANDS CORP	COM	899896104	72	44,590	SH	DFND	1,2,3,4	35,390	0	9,200
TURNING PT BRANDS INC	COM	90041L105	323	15,300	SH	DFND	1,2,3,4	15,300	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	27,044	605,558	SH	DFND	1,2,3,4	570,666	0	34,892
TURQUOISE HILL RES LTD	COM	900435108	25	64,302	SH	DFND	1,2,3,4	64,302	0	0
TUTOR PERINI CORP	COM	901109108	33,734	5,019,896	SH	DFND	1,2,3,4	4,289,901	0	729,995
22ND CENTY GROUP INC	COM	90137F103	92	122,000	SH	DFND	1,2,3,4	122,000	0	0
21VIANET GROUP INC	SPONSORED ADS A	90138A103	2,112	152,400	SH	DFND	1,2,3,4	152,400	0	0
TWILIO INC	CL A	90138F102	6,447	72,038	SH	DFND	1,2,3,4	54,938	0	17,100
TWIN RIV WORLDWIDE HLDGS INC	COM	90171V204	448	34,400	SH	DFND	1,2,3,4	34,400	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	816	26,700	SH	DFND	1,2,3,4	26,700	0	0
TWITTER INC	COM	90184L102	29,498	1,201,075	SH	DFND	1,2,3,4	1,040,232	0	160,843
TWO HBRS INVT CORP	COM NEW	90187B408	660	173,343	SH	DFND	1,2,3,4	146,416	0	26,927
II VI INC	COM	902104108	6,594	231,351	SH	DFND	1,2,3,4	231,207	0	144
2U INC	COM	90214J101	653	30,774	SH	DFND	1,2,3,4	24,624	0	6,150
TYLER TECHNOLOGIES INC	COM	902252105	230,749	778,086	SH	DFND	1,2,3,4	716,354	0	61,732
TYME TECHNOLOGIES INC	COM	90238J103	81	73,500	SH	DFND	1,2,3,4	73,500	0	0
TYSON FOODS INC	CL A	902494103	47,151	814,770	SH	DFND	1,2,3,4	710,346	0	104,424
UDR INC	COM	902653104	23,883	653,625	SH	DFND	1,2,3,4	555,117	0	98,508
UFP TECHNOLOGIES	COM	902673102	225	5,900	SH	DFND	1,2,3,4	5,900	0	0

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UGI CORP NEW	COM	902681105	9,749	365,548	SH	DFND	1,2,3,4	344,267	0	21,281
UMB FINL CORP	COM	902788108	5,373	115,858	SH	DFND	1,2,3,4	115,858	0	0
US BANCORP DEL	COM NEW	902973304	75,626	2,195,234	SH	DFND	1,2,3,4	1,989,557	0	205,677
UMH PPTYS INC	COM	903002103	459	42,300	SH	DFND	1,2,3,4	42,300	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	1,140	19,740	SH	DFND	1,2,3,4	16,600	0	3,140
U S CONCRETE INC	COM NEW	90333L201	687	37,860	SH	DFND	1,2,3,4	32,400	0	5,460
U S PHYSICAL THERAPY INC	COM	90337L108	1,249	18,107	SH	DFND	1,2,3,4	15,707	0	2,400
US XPRESS ENTERPRISES INC	COM CL A	90338N202	93	27,900	SH	DFND	1,2,3,4	27,900	0	0
U S SILICA HLDGS INC	COM	90346E103	170	94,200	SH	DFND	1,2,3,4	80,400	0	13,800
UBER TECHNOLOGIES INC	COM	90353T100	16,452	589,248	SH	DFND	1,2,3,4	466,567	0	122,681
UBER TECHNOLOGIES INC	COM	90353T100	3,833	137,300	SH	Call	DFND	1,2,3,4	0	0
UBIQUITI INC	COM	90353W103	986	6,963	SH	DFND	1,2,3,4	5,763	0	1,200
ULTA BEAUTY INC	COM	90384S303	495,965	2,822,793	SH	DFND	1,2,3,4	2,291,454	0	531,339
ULTA BEAUTY INC	COM	90384S303	22,038	125,430	SH	DFND	1,2,3,4,6	109,425	0	16,005
ULTRA CLEAN HLDGS INC	COM	90385V107	1,498	108,550	SH	DFND	1,2,3,4	101,100	0	7,450
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	62,781	1,413,041	SH	DFND	1,2,3,4	1,301,931	0	111,110
UMPQUA HLDGS CORP	COM	904214103	81,723	7,497,518	SH	DFND	1,2,3,4	6,286,798	0	1,210,720
UNDER ARMOUR INC	CL A	904311107	2,759	299,603	SH	DFND	1,2,3,4	257,526	0	42,077
UNDER ARMOUR INC	CL C	904311206	2,469	306,285	SH	DFND	1,2,3,4	263,174	0	43,111
UNIFI INC	COM NEW	904677200	225	19,450	SH	DFND	1,2,3,4	16,700	0	2,750
UNIFIRST CORP MASS	COM	904708104	3,779	25,009	SH	DFND	1,2,3,4	21,651	0	3,358
UNION PAC CORP	COM	907818108	157,828	1,119,028	SH	DFND	1,2,3,4	953,174	0	165,854
UNISYS CORP	COM NEW	909214306	23,563	1,907,928	SH	DFND	1,2,3,4	1,474,839	0	433,089
UNIT CORPORATION	COM	909218109	15	57,000	SH	DFND	1,2,3,4	57,000	0	0
UNITED BANCSHARES INC OHIO	COM	909458101	803	49,422	SH	DFND	1,2,3,4	49,422	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	2,296	125,380	SH	DFND	1,2,3,4	108,410	0	16,970
UNITED BANKSHARES INC WEST V	COM	909907107	5,968	258,594	SH	DFND	1,2,3,4	258,594	0	0
UNITED AIRLS HLDGS INC	COM	910047109	11,704	370,952	SH	DFND	1,2,3,4	303,979	0	66,973
UNITED FIRE GROUP INC	COM	910340108	1,053	32,288	SH	DFND	1,2,3,4	27,318	0	4,970
UNITED INS HLDGS CORP	COM	910710102	361	39,080	SH	DFND	1,2,3,4	31,900	0	7,180
UNITED NAT FOODS INC	COM	911163103	652	71,006	SH	DFND	1,2,3,4	61,006	0	10,000
UNITED PARCEL SERVICE INC	CL B	911312106	101,618	1,087,749	SH	DFND	1,2,3,4	921,911	0	165,838
UNITED RENTALS INC	COM	911363109	73,700	716,232	SH	DFND	1,2,3,4	598,504	0	117,728
UNITED SECURITY BANCSHARES C	COM	911460103	2,120	331,247	SH	DFND	1,2,3,4	331,247	0	0
US FOODS HLDG CORP	COM	912008109	135,700	7,662,358	SH	DFND	1,2,3,4	6,712,220	0	950,138
UNITED STATES STL CORP NEW	COM	912909108	1,782	282,466	SH	DFND	1,2,3,4	264,446	0	18,020
UNITED TECHNOLOGIES CORP	COM	913017109	119,553	1,267,386	SH	DFND	1,2,3,4	1,172,559	0	94,827
UNITED THERAPEUTICS CORP DEL	COM	91307C102	7,104	74,921	SH	DFND	1,2,3,4	70,714	0	4,207
UNITEDHEALTH GROUP INC	COM	91324P102	2,550,845	10,228,748	SH	DFND	1,2,3,4	9,361,848	0	866,900
UNITIL CORP	COM	913259107	1,119	21,395	SH	DFND	1,2,3,4	21,395	0	0
UNITI GROUP INC	COM	91325V108	1,787	296,322	SH	DFND	1,2,3,4	254,502	0	41,820
UNITY BANCORP INC	COM	913290102	2,778	237,408	SH	DFND	1,2,3,4	237,408	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	857	79,980	SH	DFND	1,2,3,4	63,180	0	16,800
UNIVERSAL CORP VA	COM	913456109	1,539	34,814	SH	DFND	1,2,3,4	30,164	0	4,650
UNIVERSAL DISPLAY CORP	COM	91347P105	51,885	393,721	SH	DFND	1,2,3,4	352,615	0	41,106
UNIVERSAL ELECTRS	COM	913483103	649	16,920	SH	DFND	1,2,3,4	14,320	0	2,600

INC										
UNIVERSAL FST PRODS INC	COM	913543104	6,242	167,845	SH	DFND	1,2,3,4	154,645	0	13,200
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	2,668	26,468	SH	DFND	1,2,3,4	23,826	0	2,642
UNIVERSAL INS HLDGS INC	COM	91359V107	2,975	165,990	SH	DFND	1,2,3,4	160,240	0	5,750
UNITY BIOTECHNOLOGY INC	COM	91381U101	279	48,142	SH	DFND	1,2,3,4	48,142	0	0
UNIVERSAL LOGISTICS HLDGS IN	COM	91388P105	138	10,500	SH	DFND	1,2,3,4	10,500	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	15,250	153,918	SH	DFND	1,2,3,4	111,917	0	42,001
UNIVEST FINANCIAL CORPORATIO	COM	915271100	502	30,754	SH	DFND	1,2,3,4	30,754	0	0
UNUM GROUP	COM	91529Y106	6,820	454,334	SH	DFND	1,2,3,4	301,817	0	152,517
UPLAND SOFTWARE INC	COM	91544A109	724	27,000	SH	DFND	1,2,3,4	27,000	0	0
UPWORK INC	COM	91688F104	424	65,700	SH	DFND	1,2,3,4	65,700	0	0
URANIUM ENERGY CORP	COM	916896103	24	43,300	SH	DFND	1,2,3,4	43,300	0	0
URBAN OUTFITTERS INC	COM	917047102	1,681	118,014	SH	DFND	1,2,3,4	111,284	0	6,730
URBAN EDGE PPTYS	COM	91704F104	2,975	337,651	SH	DFND	1,2,3,4	337,651	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	714	50,647	SH	DFND	1,2,3,4	42,757	0	7,890
US ECOLOGY INC	COM	91734M103	1,138	37,447	SH	DFND	1,2,3,4	31,423	0	6,024
UTAH MED PRODS INC	COM	917488108	423	4,500	SH	DFND	1,2,3,4	4,500	0	0
V F CORP	COM	918204108	33,888	626,630	SH	DFND	1,2,3,4	432,869	0	193,761
VBI VACCINES INC	COM NEW	91822J103	146	153,800	SH	DFND	1,2,3,4	153,800	0	0
VAIL RESORTS INC	COM	91879Q109	5,756	38,966	SH	DFND	1,2,3,4	18,478	0	20,488
VALHI INC NEW	COM	918905100	46	45,100	SH	DFND	1,2,3,4	45,100	0	0
VALE S A	SPONSORED ADS	91912E105	5,626	678,592	SH	DFND	1,2,3,4	678,592	0	0
VALERO ENERGY CORP	COM	91913Y100	68,754	1,515,742	SH	DFND	1,2,3,4	1,375,284	0	140,458
VALLEY NATL BANCORP	COM	919794107	7,335	1,003,408	SH	DFND	1,2,3,4	1,000,652	0	2,756
VALMONT INDS INC	COM	920253101	25,335	239,059	SH	DFND	1,2,3,4	236,934	0	2,125
VALVOLINE INC	COM	92047W101	4,455	340,305	SH	DFND	1,2,3,4	321,573	0	18,732
VANDA PHARMACEUTICALS INC	COM	921659108	781	75,403	SH	DFND	1,2,3,4	65,403	0	10,000
VANECK VECTORS ETF TR	GOLD MINERS ETF	92189F106	6,724	291,860	SH	DFND	1,2,3,4	291,860	0	0
VANECK VECTORS ETF TR	AGRIBUSINESS ETF	92189F700	5,420	105,518	SH	DFND	1,2,3,4	105,518	0	0
VANECK VECTORS ETF TR	JP MORGAN MKTS	92189H300	1,629	57,210	SH	DFND	1,2,3,4	57,210	0	0
VANGUARD STAR FDS	VG TL INTL STK F	921909768	317	7,560	SH	DFND	1,2,3,4	7,560	0	0
VANGUARD BD INDEX FDS	SHORT TRM BOND	921937827	3,161	38,461	SH	DFND	1,2,3,4	38,461	0	0
VANGUARD BD INDEX FDS	TOTAL BND MRKT	921937835	43,244	506,671	SH	DFND	1,2,3,4	506,671	0	0
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	59,127	1,773,455	SH	DFND	1,2,3,4	1,768,051	0	5,404
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	54,841	974,772	SH	DFND	1,2,3,4	974,772	0	0
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	922042676	31,509	734,294	SH	DFND	1,2,3,4	733,794	0	500
VANGUARD INTL EQUITY INDEX F	TT WRLD ST ETF	922042742	24,950	397,299	SH	DFND	1,2,3,4	251,037	0	146,262
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	39,140	1,166,616	SH	DFND	1,2,3,4	1,165,430	0	1,186
VANGUARD SCOTTSDALE FDS	SHORT TERM TREAS	92206C102	3,551	56,957	SH	DFND	1,2,3,4	55,287	0	1,670
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	13,972	176,633	SH	DFND	1,2,3,4	173,899	0	2,734
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	92206C771	11,009	201,997	SH	DFND	1,2,3,4	1,182	0	200,815

VANGUARD SCOTTSDALE FDS	INT-TERM CORP	92206C870	21,978	252,364	SH	DFND	1,2,3,4	252,364	0	0
VAPOTHERM INC	COM	922107107	254	13,500	SH	DFND	1,2,3,4	13,500	0	0
VAREX IMAGING CORP	COM	92214X106	1,462	64,386	SH	DFND	1,2,3,4	57,186	0	7,200
VARIAN MED SYS INC	COM	92220P105	15,336	149,387	SH	DFND	1,2,3,4	127,969	0	21,418
VARONIS SYS INC	COM	922280102	2,574	40,420	SH	DFND	1,2,3,4	40,420	0	0
VECTOR GROUP LTD	COM	92240M108	1,561	165,699	SH	DFND	1,2,3,4	144,055	0	21,644
VEECO INSTRS INC DEL	COM	922417100	571	59,692	SH	DFND	1,2,3,4	50,492	0	9,200
VECTRUS INC	COM	92242T101	1,477	35,661	SH	DFND	1,2,3,4	35,661	0	0
VEDANTA LTD	SPONSORED ADR	92242Y100	2,299	645,835	SH	DFND	1,2,3,4	645,835	0	0
VEEVA SYS INC	CL A COM	922475108	276,121	1,765,817	SH	DFND	1,2,3,4	1,631,930	0	133,887
VENTAS INC	COM	92276F100	20,430	762,310	SH	DFND	1,2,3,4	697,885	0	64,425
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	58,159	245,583	SH	DFND	1,2,3,4	187,047	0	58,536
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	112,633	1,612,495	SH	DFND	1,2,3,4	555,247	0	1,057,248
VANGUARD INDEX FDS	SML CP GRW ETF	922908595	336	2,234	SH	DFND	1,2,3,4	2,234	0	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	212	2,389	SH	DFND	1,2,3,4	2,389	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	12,653	96,113	SH	DFND	1,2,3,4	96,113	0	0
VANGUARD INDEX FDS	GROWTH ETF	922908736	9,375	59,833	SH	DFND	1,2,3,4	59,113	0	720
VANGUARD INDEX FDS	VALUE ETF	922908744	4,776	53,630	SH	DFND	1,2,3,4	53,117	0	513
VANGUARD INDEX FDS	SMALL CP ETF	922908751	3,437	29,775	SH	DFND	1,2,3,4	29,674	0	101
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	11,116	86,234	SH	DFND	1,2,3,4	70,587	0	15,647
VERA BRADLEY INC	COM	92335C106	826	200,510	SH	DFND	1,2,3,4	196,110	0	4,400
VEONEER INCORPORATED	COM	92336X109	91	12,446	SH	DFND	1,2,3,4	12,357	0	89
VERACYTE INC	COM	92337F107	1,551	63,800	SH	DFND	1,2,3,4	63,800	0	0
VEREIT INC	COM	92339V100	6,191	1,266,023	SH	DFND	1,2,3,4	1,159,709	0	106,314
VERISIGN INC	COM	92343E102	30,064	166,939	SH	DFND	1,2,3,4	146,167	0	20,772
VERIZON COMMUNICATIONS INC	COM	92343V104	839,642	15,627,052	SH	DFND	1,2,3,4	14,516,922	0	1,110,130
VERINT SYS INC	COM	92343X100	89,678	2,085,543	SH	DFND	1,2,3,4	1,730,784	0	354,759
VERITEX HLDGS INC	COM	923451108	1,056	75,576	SH	DFND	1,2,3,4	64,876	0	10,700
VERITIV CORP	COM	923454102	104	13,251	SH	DFND	1,2,3,4	10,900	0	2,351
VERISK ANALYTICS INC	COM	92345Y106	450,230	3,230,231	SH	DFND	1,2,3,4	2,295,326	0	934,905
VERISK ANALYTICS INC	COM	92345Y106	28,850	206,986	SH	DFND	1,2,3,4,6	174,056	0	32,930
VERICEL CORP	COM	92346J108	524	57,100	SH	DFND	1,2,3,4	57,100	0	0
VERRA MOBILITY CORP	COM	92511U102	1,135	158,970	SH	DFND	1,2,3,4	158,970	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	146	13,400	SH	DFND	1,2,3,4	13,400	0	0
VERSO CORP	CL A	92531L207	2,064	182,970	SH	DFND	1,2,3,4	182,970	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	1,473,827	6,193,851	SH	DFND	1,2,3,4	5,755,006	0	438,845
VIAD CORP	COM NEW	92552R406	4,059	191,208	SH	DFND	1,2,3,4	149,468	0	41,740
VIASAT INC	COM	92552V100	3,553	98,913	SH	DFND	1,2,3,4	93,413	0	5,500
VIAVI SOLUTIONS INC	COM	925550105	6,316	563,438	SH	DFND	1,2,3,4	513,942	0	49,496
VIACOMCBS INC	CL B	92556H206	14,679	1,047,750	SH	DFND	1,2,3,4	750,196	0	297,554
VICI PPTYS INC	COM	925652109	8,553	514,029	SH	DFND	1,2,3,4	467,864	0	46,165
VICOR CORP	COM	925815102	1,343	30,152	SH	DFND	1,2,3,4	26,000	0	4,152
VIELA BIO INC	COM	926613100	1,931	50,819	SH	DFND	1,2,3,4	50,819	0	0
VIEWRAY INC	COM	92672L107	410	164,100	SH	DFND	1,2,3,4	164,100	0	0
VIKING THERAPEUTICS INC	COM	92686J106	391	83,600	SH	DFND	1,2,3,4	83,600	0	0
VILLAGE BK & TR FINANCIAL CO	COM NEW	92705T200	506	19,988	SH	DFND	1,2,3,4	19,988	0	0
VILLAGE SUPER MKT INC	CL A NEW	927107409	2,249	91,490	SH	DFND	1,2,3,4	91,490	0	0
VIPSHOP HLDGS LTD	SPONSORED ADS A	92763W103	613	39,366	SH	DFND	1,2,3,4	35,286	0	4,080
VIR BIOTECHNOLOGY INC	COM	92764N102	747	21,800	SH	DFND	1,2,3,4	21,800	0	0

VIRNETX HLDG CORP	COM	92823T108	313	57,200	SH	DFND	1,2,3,4	57,200	0	0
VIRTU FINL INC	CL A	928254101	852	40,930	SH	DFND	1,2,3,4	35,230	0	5,700
VISA INC	COM CL A	92826C839	2,541,940	15,776,689	SH	DFND	1,2,3,4	13,711,073	0	2,065,616
VIRTUSA CORP	COM	92827P102	1,293	45,543	SH	DFND	1,2,3,4	38,863	0	6,680
VIRTUS INVT PARTNERS INC	COM	92828Q109	873	11,473	SH	DFND	1,2,3,4	10,223	0	1,250
VISHAY INTERTECHNOLOGY INC	COM	928298108	46,559	3,231,010	SH	DFND	1,2,3,4	2,769,694	0	461,316
VISHAY PRECISION GROUP INC	COM	92835K103	279	13,900	SH	DFND	1,2,3,4	13,900	0	0
VISTA OUTDOOR INC	COM	928377100	580	65,950	SH	DFND	1,2,3,4	55,100	0	10,850
VISTEON CORP	COM NEW	92839U206	3,175	66,165	SH	DFND	1,2,3,4	66,165	0	0
VISTRA ENERGY CORP	COM	92840M102	6,285	393,786	SH	DFND	1,2,3,4	351,686	0	42,100
VIVINT SOLAR INC	COM	92854Q106	2,373	543,108	SH	DFND	1,2,3,4	439,722	0	103,386
VMWARE INC	CL A COM	928563402	170,230	1,405,694	SH	DFND	1,2,3,4	1,126,207	0	279,487
VOCERA COMMUNICATIONS INC	COM	92857F107	716	33,700	SH	DFND	1,2,3,4	33,700	0	0
VONAGE HLDGS CORP	COM	92886T201	6,119	846,400	SH	DFND	1,2,3,4	797,500	0	48,900
VORNADO RLTY TR	SH BEN INT	929042109	13,005	359,156	SH	DFND	1,2,3,4	330,409	0	28,747
VOYA FINANCIAL INC	COM	929089100	3,852	95,000	SH	DFND	1,2,3,4	77,780	0	17,220
VOYAGER THERAPEUTICS INC	COM	92915B106	320	35,000	SH	DFND	1,2,3,4	35,000	0	0
VULCAN MATLS CO	COM	929160109	24,026	222,317	SH	DFND	1,2,3,4	173,247	0	49,070
W & T OFFSHORE INC	COM	92922P106	245	143,908	SH	DFND	1,2,3,4	143,908	0	0
WD-40 CO	COM	929236107	4,664	23,220	SH	DFND	1,2,3,4	20,250	0	2,970
WABCO HLDGS INC	COM	92927K102	28,014	207,434	SH	DFND	1,2,3,4	199,431	0	8,003
WSFS FINL CORP	COM	929328102	22,620	907,686	SH	DFND	1,2,3,4	711,919	0	195,767
WNS HOLDINGS LTD	SPON ADR	92932M101	56,921	1,324,355	SH	DFND	1,2,3,4	1,240,183	0	84,172
WVS FINL CORP	COM	929358109	1,860	141,824	SH	DFND	1,2,3,4	141,824	0	0
WP CAREY INC	COM	92936U109	9,968	171,626	SH	DFND	1,2,3,4	154,701	0	16,925
WEC ENERGY GROUP INC	COM	92939U106	45,574	517,127	SH	DFND	1,2,3,4	453,014	0	64,113
WABASH NATL CORP	COM	929566107	2,355	326,159	SH	DFND	1,2,3,4	313,791	0	12,368
WABTEC	COM	929740108	18,206	378,257	SH	DFND	1,2,3,4	345,003	0	33,254
WADDELL & REED FINL INC	CL A	930059100	1,422	124,930	SH	DFND	1,2,3,4	108,830	0	16,100
WAITR HLDGS INC	COM	930752100	60	49,000	SH	DFND	1,2,3,4	49,000	0	0
WALMART INC	COM	931142103	1,064,077	9,365,227	SH	DFND	1,2,3,4	8,873,799	0	491,428
WALGREENS BOOTS ALLIANCE INC	COM	931427108	60,563	1,323,783	SH	DFND	1,2,3,4	1,165,310	0	158,473
WALKER & DUNLOP INC	COM	93148P102	3,242	80,515	SH	DFND	1,2,3,4	74,235	0	6,280
WARRIOR MET COAL INC	COM	93627C101	2,790	262,746	SH	DFND	1,2,3,4	251,190	0	11,556
WASHINGTON FED INC	COM	938824109	5,297	204,033	SH	DFND	1,2,3,4	204,033	0	0
WASHINGTON PRIME GROUP NEW	COM	93964W108	362	449,489	SH	DFND	1,2,3,4	414,389	0	35,100
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	3,860	161,723	SH	DFND	1,2,3,4	144,423	0	17,300
WASHINGTON TR BANCORP	COM	940610108	877	23,990	SH	DFND	1,2,3,4	23,990	0	0
WASTE CONNECTIONS INC	COM	94106B101	11,531	148,787	SH	DFND	1,2,3,4	148,787	0	0
WASTE MGMT INC DEL	COM	94106L109	140,267	1,515,415	SH	DFND	1,2,3,4	1,072,620	0	442,795
WATERS CORP	COM	941848103	18,899	103,810	SH	DFND	1,2,3,4	88,495	0	15,315
WATERSTONE FINL INC MD	COM	94188P101	366	25,200	SH	DFND	1,2,3,4	25,200	0	0
WATSCO INC	COM	942622200	8,758	55,419	SH	DFND	1,2,3,4	52,164	0	3,255
WATTS WATER TECHNOLOGIES INC	CL A	942749102	4,994	58,997	SH	DFND	1,2,3,4	53,047	0	5,950
WAYFAIR INC	CL A	94419L101	2,143	40,104	SH	DFND	1,2,3,4	31,604	0	8,500
WEBSTER FINL CORP CONN	COM	947890109	60,555	2,644,311	SH	DFND	1,2,3,4	2,213,003	0	431,308
WEINGARTEN RLTY INVS	SH BEN INT	948741103	4,071	282,134	SH	DFND	1,2,3,4	270,197	0	11,937
WEIS MKTS INC	COM	948849104	415	9,951	SH	DFND	1,2,3,4	9,951	0	0

WELBILT INC	COM	949090104	883	172,120	SH	DFND	1,2,3,4	172,120	0	0
WELLS FARGO CO NEW	COM	949746101	725,114	25,265,295	SH	DFND	1,2,3,4	22,321,031	0	2,944,264
WELLS FARGO CO NEW	PERP PFD CNV A	949746804	12,217	9,589	SH	DFND	1,2,3,4	2,714	0	6,875
WELLTOWER INC	COM	95040Q104	64,859	1,416,757	SH	DFND	1,2,3,4	1,328,927	0	87,830
WENDYS CO	COM	95058W100	6,760	454,306	SH	DFND	1,2,3,4	429,126	0	25,180
WERNER ENTERPRISES INC	COM	950755108	3,856	106,355	SH	DFND	1,2,3,4	106,355	0	0
WESBANCO INC	COM	950810101	2,076	87,596	SH	DFND	1,2,3,4	87,596	0	0
WESCO INTL INC	COM	95082P105	375	16,431	SH	DFND	1,2,3,4	12,436	0	3,995
WEST BANCORPORATION INC	CAP STK	95123P106	316	19,300	SH	DFND	1,2,3,4	19,300	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	97,254	638,776	SH	DFND	1,2,3,4	409,092	0	229,684
WESTAMERICA BANCORPORATION	COM	957090103	2,553	43,430	SH	DFND	1,2,3,4	37,550	0	5,880
WESTERN ALLIANCE BANCORP	COM	957638109	23,878	780,067	SH	DFND	1,2,3,4	731,310	0	48,757
WESTERN ASSET MTG CAP CORP	COM	95790D105	198	86,300	SH	DFND	1,2,3,4	86,300	0	0
WESTERN DIGITAL CORP.	COM	958102105	158,565	3,809,829	SH	DFND	1,2,3,4	3,329,659	0	480,170
WESTERN NEW ENG BANCORP INC	COM	958892101	204	30,200	SH	DFND	1,2,3,4	30,200	0	0
WESTERN UN CO	COM	959802109	24,415	1,346,639	SH	DFND	1,2,3,4	1,141,660	0	204,979
WESTLAKE CHEM CORP	COM	960413102	105,383	2,760,875	SH	DFND	1,2,3,4	2,508,275	0	252,600
WESTROCK CO	COM	96145D105	16,881	597,356	SH	DFND	1,2,3,4	497,229	0	100,127
WESTWOOD HLDGS GROUP INC	COM	961765104	214	11,697	SH	DFND	1,2,3,4	11,697	0	0
WEX INC	COM	96208T104	7,896	75,519	SH	DFND	1,2,3,4	69,696	0	5,823
WEYERHAEUSER CO	COM	962166104	27,006	1,593,255	SH	DFND	1,2,3,4	1,444,888	0	148,367
WHEATON PRECIOUS METALS CORP	COM	962879102	5,065	183,997	SH	DFND	1,2,3,4	172,314	0	11,683
WHIRLPOOL CORP	COM	963320106	10,641	124,020	SH	DFND	1,2,3,4	103,385	0	20,635
WHITESTONE REIT	COM	966084204	356	57,479	SH	DFND	1,2,3,4	49,879	0	7,600
WHITING PETE CORP NEW	COM NEW	966387409	96	143,653	SH	DFND	1,2,3,4	126,503	0	17,150
WIDOPENWEST INC	COM	96758W101	278	58,500	SH	DFND	1,2,3,4	58,500	0	0
WILEY JOHN & SONS INC	CL A	968223206	2,458	65,575	SH	DFND	1,2,3,4	61,370	0	4,205
WILLIAMS COS INC	COM	969457100	28,673	2,026,383	SH	DFND	1,2,3,4	1,784,752	0	241,631
WILLIAMS SONOMA INC	COM	969904101	79,673	1,873,775	SH	DFND	1,2,3,4	1,622,655	0	251,120
WILLSCOT CORP	COM	971375126	643	63,500	SH	DFND	1,2,3,4	63,500	0	0
WINGSTOP INC	COM	974155103	62,958	789,936	SH	DFND	1,2,3,4	738,660	0	51,276
WINMARK CORP	COM	974250102	392	3,080	SH	DFND	1,2,3,4	3,080	0	0
WINNEBAGO INDS INC	COM	974637100	1,922	69,114	SH	DFND	1,2,3,4	61,576	0	7,538
WINTRUST FINL CORP	COM	97650W108	3,308	100,656	SH	DFND	1,2,3,4	95,156	0	5,500
WIPRO LTD	SPON ADR 1 SH	97651M109	781	251,812	SH	DFND	1,2,3,4	146,329	0	105,483
WISDOMTREE INVTS INC	COM	97717P104	460	197,580	SH	DFND	1,2,3,4	167,660	0	29,920
WISDOMTREE TR	INDIA ERNGS FD	97717W422	5,607	346,090	SH	DFND	1,2,3,4	346,090	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	2,071	136,246	SH	DFND	1,2,3,4	118,670	0	17,576
WOODWARD INC	COM	980745103	5,613	94,434	SH	DFND	1,2,3,4	87,334	0	7,100
WORKDAY INC	CL A	98138H101	12,929	99,282	SH	DFND	1,2,3,4	76,893	0	22,389
WORKIVA INC	COM CL A	98139A105	1,614	49,930	SH	DFND	1,2,3,4	49,930	0	0
WORLD ACCEP CORP DEL	COM	981419104	478	8,755	SH	DFND	1,2,3,4	7,401	0	1,354
WORLD FUEL SVCS CORP	COM	981475106	4,105	163,030	SH	DFND	1,2,3,4	163,030	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	2,501	73,696	SH	DFND	1,2,3,4	67,896	0	5,800
WORTHINGTON INDS INC	COM	981811102	2,407	91,690	SH	DFND	1,2,3,4	91,690	0	0

WPX ENERGY INC	COM	98212B103	2,126	696,972	SH	DFND	1,2,3,4	655,869	0	41,103
WRAP TECHNOLOGIES INC	COM	98212N107	83	19,400	SH	DFND	1,2,3,4	19,400	0	0
WW INTL INC	COM	98262P101	3,191	188,679	SH	DFND	1,2,3,4	188,679	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	3,398	156,579	SH	DFND	1,2,3,4	147,586	0	8,993
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	5,129	162,785	SH	DFND	1,2,3,4	152,350	0	10,435
WYNN RESORTS LTD	COM	983134107	9,148	151,985	SH	DFND	1,2,3,4	132,062	0	19,923
XPO LOGISTICS INC	COM	983793100	8,935	183,281	SH	DFND	1,2,3,4	172,111	0	11,170
XCEL ENERGY INC	COM	98389B100	50,703	840,854	SH	DFND	1,2,3,4	736,061	0	104,793
XILINX INC	COM	983919101	713,771	9,157,951	SH	DFND	1,2,3,4	8,264,150	0	893,801
XBIOTECH INC	COM	98400H102	365	34,400	SH	DFND	1,2,3,4	34,400	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	4,059	394,074	SH	DFND	1,2,3,4	368,001	0	26,073
XENCOR INC	COM	98401F105	2,509	83,975	SH	DFND	1,2,3,4	74,700	0	9,275
XYLEM INC	COM	98419M100	131,598	2,020,543	SH	DFND	1,2,3,4	1,333,927	0	686,616
XPERI CORP	COM	98421B100	2,406	172,937	SH	DFND	1,2,3,4	161,277	0	11,660
XEROX HOLDINGS CORP	COM NEW	98421M106	7,219	381,156	SH	DFND	1,2,3,4	346,711	0	34,445
XERIS PHARMACEUTICALS INC	COM	98422L107	40	20,500	SH	DFND	1,2,3,4	20,500	0	0
Y-MABS THERAPEUTICS INC	COM	984241109	24,475	937,729	SH	DFND	1,2,3,4	882,196	0	55,533
YRC WORLDWIDE INC	COM PAR \$.01	984249607	108	64,100	SH	DFND	1,2,3,4	64,100	0	0
YAMANA GOLD INC	COM	98462Y100	188	68,399	SH	DFND	1,2,3,4	68,399	0	0
YELP INC	CL A	985817105	3,215	178,291	SH	DFND	1,2,3,4	178,291	0	0
YINTECH INVT HLDGS LTD	SPONSORED ADR	98585M108	96	16,130	SH	DFND	1,2,3,4	16,130	0	0
YEXT INC	COM	98585N106	2,046	200,817	SH	DFND	1,2,3,4	200,817	0	0
YETI HLDGS INC	COM	98585X104	1,311	67,170	SH	DFND	1,2,3,4	67,170	0	0
YORK WTR CO	COM	987184108	832	19,145	SH	DFND	1,2,3,4	19,145	0	0
YUM BRANDS INC	COM	988498101	32,180	469,572	SH	DFND	1,2,3,4	408,664	0	60,908
YUM CHINA HLDGS INC	COM	98850P109	32,291	757,468	SH	DFND	1,2,3,4	593,711	0	163,757
ZAGG INC	COM	98884U108	71	22,900	SH	DFND	1,2,3,4	22,900	0	0
ZAI LAB LTD	ADR	98887Q104	1,661	32,265	SH	DFND	1,2,3,4	20,895	0	11,370
ZEBRA TECHNOLOGIES CORP	CL A	989207105	15,332	83,508	SH	DFND	1,2,3,4	72,141	0	11,367
ZENDESK INC	COM	98936J101	56,853	888,195	SH	DFND	1,2,3,4	562,207	0	325,988
ZILLOW GROUP INC	CL A	98954M101	1,030	30,332	SH	DFND	1,2,3,4	24,747	0	5,585
ZILLOW GROUP INC	CL C CAP STK	98954M200	2,675	74,278	SH	DFND	1,2,3,4	61,908	0	12,370
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	105,244	1,041,200	SH	DFND	1,2,3,4	989,260	0	51,940
ZIONS BANCORPORATION N A	COM	989701107	85,546	3,196,801	SH	DFND	1,2,3,4	2,615,296	0	581,505
ZIOPHARM ONCOLOGY INC	COM	98973P101	518	211,528	SH	DFND	1,2,3,4	211,528	0	0
ZIX CORP	COM	98974P100	292	67,636	SH	DFND	1,2,3,4	67,636	0	0
ZOGENIX INC	COM NEW	98978L204	1,393	56,312	SH	DFND	1,2,3,4	56,312	0	0
ZOETIS INC	CL A	98978V103	1,637,958	13,917,560	SH	DFND	1,2,3,4	11,949,548	0	1,968,012
ZOETIS INC	CL A	98978V103	31,177	264,910	SH	DFND	1,2,3,4,6	226,001	0	38,909
ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	98980A105	611	23,092	SH	DFND	1,2,3,4	23,092	0	0
ZSCALER INC	COM	98980G102	2,100	34,510	SH	DFND	1,2,3,4	25,510	0	9,000
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	23,564	161,265	SH	DFND	1,2,3,4	143,583	0	17,682
ZUMIEZ INC	COM	989817101	1,281	73,941	SH	DFND	1,2,3,4	69,409	0	4,532
ZUORA INC	COM CL A	98983V106	829	102,920	SH	DFND	1,2,3,4	102,920	0	0
ZYNEX INC	COM	98986M103	312	28,200	SH	DFND	1,2,3,4	28,200	0	0
ZYNGA INC	CL A	98986T108	3,314	483,847	SH	DFND	1,2,3,4	391,807	0	92,040
ZYNERBA PHARMACEUTICALS INC	COM	98986X109	197	51,500	SH	DFND	1,2,3,4	51,500	0	0
EURONAV NV ANTWERPEN	SHS	B38564108	144	12,771	SH	DFND	1,2,3,4	12,771	0	0

DEUTSCHE BANK A G	NAMEN AKT	D18190898	4,614	718,687	SH	DFND	1,2,3,4	718,687	0	0
CONSTELLUM SE	CL A SHS	F21107101	1,541	295,864	SH	DFND	1,2,3,4	295,864	0	0
ADIENT PLC	ORD SHS	G0084W101	1,887	208,058	SH	DFND	1,2,3,4	208,058	0	0
ALKERMES PLC	SHS	G01767105	1,302	90,276	SH	DFND	1,2,3,4	74,851	0	15,425
ALLEGION PLC	ORD SHS	G0176J109	642,921	6,986,749	SH	DFND	1,2,3,4	5,780,167	0	1,206,582
ALLEGION PLC	ORD SHS	G0176J109	23,306	253,268	SH	DFND	1,2,3,4,6	217,264	0	36,004
ALLERGAN PLC	SHS	G0177J108	112,203	633,557	SH	DFND	1,2,3,4	595,170	0	38,387
AMCOR PLC	ORD	G0250X107	18,162	2,236,684	SH	DFND	1,2,3,4	1,922,760	0	313,924
AMDOCS LTD	SHS	G02602103	93,339	1,698,008	SH	DFND	1,2,3,4	1,459,275	0	238,733
AMBARELLA INC	SHS	G037AX101	3,353	69,040	SH	DFND	1,2,3,4	69,040	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	7,773	273,126	SH	DFND	1,2,3,4	222,726	0	50,400
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	1,629	43,967	SH	DFND	1,2,3,4	43,967	0	0
ASSURED GUARANTY LTD	COM	G0585R106	3,951	153,191	SH	DFND	1,2,3,4	143,946	0	9,245
ATLASSIAN CORP PLC	CL A	G06242104	24,474	178,301	SH	DFND	1,2,3,4	76,950	0	101,351
ATHENE HLDG LTD	CL A	G0684D107	2,203	88,752	SH	DFND	1,2,3,4	72,712	0	16,040
AXIS CAPITAL HOLDINGS LTD	SHS	G0692U109	1,949	50,430	SH	DFND	1,2,3,4	42,085	0	8,345
AXALTA COATING SYS LTD	COM	G0750C108	2,333	135,115	SH	DFND	1,2,3,4	106,883	0	28,232
ATLANTICA YIELD PLC	SHS	G0751N103	5,476	245,553	SH	DFND	1,2,3,4	245,553	0	0
BANK OF NT BUTTERFIELD&SON L	SHS NEW	G0772R208	2,824	165,830	SH	DFND	1,2,3,4	165,830	0	0
BEYONDSRING INC	SHS	G10830100	140	10,900	SH	DFND	1,2,3,4	10,900	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	51,583	1,515,810	SH	DFND	1,2,3,4	1,392,348	0	123,462
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	173,001	1,059,666	SH	DFND	1,2,3,4	908,791	0	150,875
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	291	8,090	SH	DFND	1,2,3,4	8,090	0	0
BUNGE LIMITED	COM	G16962105	6,670	162,552	SH	DFND	1,2,3,4	145,184	0	17,368
CAPRI HOLDINGS LIMITED	SHS	G1890L107	20,483	1,898,346	SH	DFND	1,2,3,4	1,618,281	0	280,065
CARDTRONICS PLC	SHS CL A	G1991C105	1,371	65,548	SH	DFND	1,2,3,4	57,580	0	7,968
CENTRAL EUROPEAN MEDIA ENTRP	CL A NEW	G20045202	357	114,000	SH	DFND	1,2,3,4	114,000	0	0
CHINA YUCHAI INTL LTD	COM	G21082105	2,647	246,020	SH	DFND	1,2,3,4	246,020	0	0
CIMPRESS PLC	SHS EURO	G2143T103	1,489	27,980	SH	DFND	1,2,3,4	27,980	0	0
CONSOLIDATED WATER CO INC	ORD	G23773107	2,593	158,094	SH	DFND	1,2,3,4	158,094	0	0
CREDICORP LTD	COM	G2519Y108	31,933	223,198	SH	DFND	1,2,3,4	197,640	0	25,558
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	133,840	3,566,207	SH	DFND	1,2,3,4	2,852,536	0	713,671
DELPHI TECHNOLOGIES PL	SHS	G2709G107	7,409	920,333	SH	DFND	1,2,3,4	920,333	0	0
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	1,814	154,544	SH	DFND	1,2,3,4	154,544	0	0
DESPEGAR COM CORP	ORD SHS	G27358103	410	72,384	SH	DFND	1,2,3,4	72,384	0	0
EATON CORP PLC	SHS	G29183103	181,459	2,335,676	SH	DFND	1,2,3,4	2,179,297	0	156,379
ENDO INTL PLC	SHS	G30401106	1,312	354,478	SH	DFND	1,2,3,4	316,528	0	37,950
ENSTAR GROUP LIMITED	SHS	G3075P101	2,509	15,776	SH	DFND	1,2,3,4	15,776	0	0
ESSENT GROUP LTD	COM	G3198U102	124,295	4,718,880	SH	DFND	1,2,3,4	4,157,978	0	560,902
EVEREST RE GROUP LTD	COM	G3223R108	96,267	500,297	SH	DFND	1,2,3,4	429,380	0	70,917
FABRINET	SHS	G3323L100	4,873	89,321	SH	DFND	1,2,3,4	81,230	0	8,091
FGL HLDGS	ORD SHS	G3402M102	8,082	824,663	SH	DFND	1,2,3,4	796,376	0	28,287
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	22,952	831,302	SH	DFND	1,2,3,4	666,850	0	164,452
FRONTLINE LTD	SHS NEW	G3682E192	1,277	132,920	SH	DFND	1,2,3,4	132,920	0	0
GASLOG LTD	SHS	G37585109	120	33,057	SH	DFND	1,2,3,4	29,100	0	3,957
EROS INTL PLC	SHS NEW	G3788M114	132	80,100	SH	DFND	1,2,3,4	80,100	0	0
GATES INDUSTRIAL CORPRATIN P	ORD SHS	G39108108	255	34,557	SH	DFND	1,2,3,4	30,103	0	4,454

GENPACT LIMITED	SHS	G3922B107	124,365	4,259,059	SH	DFND	1,2,3,4	3,733,504	0	525,555
GLOBAL INDNTY LTD CAYMAN	USD CL A SHS	G3933F105	341	13,382	SH	DFND	1,2,3,4	13,382	0	0
GREENLIGHT CAPITAL RE LTD	CLASS A	G4095J109	295	49,645	SH	DFND	1,2,3,4	49,645	0	0
HELEN OF TROY CORP LTD	COM	G4388N106	12,461	86,520	SH	DFND	1,2,3,4	86,520	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	1,640	56,257	SH	DFND	1,2,3,4	45,935	0	10,322
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	4,037	263,488	SH	DFND	1,2,3,4	246,101	0	17,387
HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	4,111	138,801	SH	DFND	1,2,3,4	119,601	0	19,200
HUDSON LTD	COM CL A	G46408103	263	52,400	SH	DFND	1,2,3,4	52,400	0	0
ICON PLC	SHS	G4705A100	257,168	1,890,942	SH	DFND	1,2,3,4	1,532,469	0	358,473
ICHOR HOLDINGS	SHS	G4740B105	579	30,200	SH	DFND	1,2,3,4	26,000	0	4,200
IHS MARKIT LTD	SHS	G47567105	39,246	654,094	SH	DFND	1,2,3,4	566,666	0	87,428
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	211	35,400	SH	DFND	1,2,3,4	25,810	0	9,590
INVESCO LTD	SHS	G491BT108	6,228	685,905	SH	DFND	1,2,3,4	609,208	0	76,697
JAMES RIV GROUP LTD	COM	G5005R107	1,602	44,210	SH	DFND	1,2,3,4	37,500	0	6,710
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	3,456	34,647	SH	DFND	1,2,3,4	25,710	0	8,937
JOHNSON CTLS INTL PLC	SHS	G51502105	42,845	1,589,211	SH	DFND	1,2,3,4	1,457,119	0	132,092
KINIKSA PHARMACEUTICALS LTD	COM CL A	G5269C101	401	25,900	SH	DFND	1,2,3,4	25,900	0	0
LAZARD LTD	SHS A	G54050102	1,580	67,042	SH	DFND	1,2,3,4	55,634	0	11,408
LIBERTY GLOBAL PLC	SHS CL A	G5480U104	281	17,034	SH	DFND	1,2,3,4	12,714	0	4,320
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	660	42,032	SH	DFND	1,2,3,4	31,109	0	10,923
LINDE PLC	SHS	G5494J103	162,620	940,002	SH	DFND	1,2,3,4	863,132	0	76,870
LIVANOVA PLC	SHS	G5509L101	5,800	128,175	SH	DFND	1,2,3,4	128,175	0	0
LUXFER HOLDINGS PLC	SHS	G5698W116	427	30,200	SH	DFND	1,2,3,4	30,200	0	0
MALLINCKRODT PUB LTD CO	SHS	G5785G107	359	181,203	SH	DFND	1,2,3,4	180,778	0	425
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	10,069	444,921	SH	DFND	1,2,3,4	362,436	0	82,485
MEDTRONIC PLC	SHS	G5960L103	538,015	5,966,013	SH	DFND	1,2,3,4	5,505,552	0	460,461
MEIRAGTX HOLDINGS PLC	COM	G59665102	331	24,600	SH	DFND	1,2,3,4	24,600	0	0
APTIV PLC	SHS	G6095L109	307,344	6,241,760	SH	DFND	1,2,3,4	4,571,357	0	1,670,403
APTIV PLC	SHS	G6095L109	18,637	378,493	SH	DFND	1,2,3,4,6	333,361	0	45,132
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	158	24,596	SH	DFND	1,2,3,4	24,596	0	0
NABORS INDUSTRIES LTD	SHS	G6359F103	212	544,350	SH	DFND	1,2,3,4	477,553	0	66,797
NATIONAL ENERGY SERVICES REU	SHS	G6375R107	114	22,400	SH	DFND	1,2,3,4	22,400	0	0
NEW FRONTIER HEALTH CORP	ORD SHS	G6461G106	8,347	1,011,785	SH	DFND	1,2,3,4	1,011,785	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	7,210	574,994	SH	DFND	1,2,3,4	502,570	0	72,424
NOBLE CORP PLC	SHS USD	G65431101	102	391,830	SH	DFND	1,2,3,4	344,980	0	46,850
NOMAD FOODS LTD	USD ORD SHS	G6564A105	123,177	6,636,716	SH	DFND	1,2,3,4	5,513,508	0	1,123,208
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	588	129,755	SH	DFND	1,2,3,4	129,755	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	4,038	368,473	SH	DFND	1,2,3,4	300,922	0	67,551
NOVOCURE LTD	ORD SHS	G6674U108	12,344	183,310	SH	DFND	1,2,3,4	183,310	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	4,466	264,751	SH	DFND	1,2,3,4	249,433	0	15,318
OXFORD IMMUNOTEC GLOBAL PLC	ORD SHS	G6855A103	514	55,500	SH	DFND	1,2,3,4	55,500	0	0
PAGSEGURO DIGITAL LTD	COM CL A	G68707101	32,237	1,667,693	SH	DFND	1,2,3,4	1,661,332	0	6,361
OSMOTICA	SHS	G6S41R101	757	238,090	SH	DFND	1,2,3,4	238,090	0	0

PHARMACEUTICALS PLC										
PROTHENA CORP PLC	SHS	G72800108	555	51,840	SH	DFND	1,2,3,4	51,840	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	78,085	522,936	SH	DFND	1,2,3,4	479,514	0	43,422
SFL CORPORATION LTD	SHS	G7738W106	1,226	129,503	SH	DFND	1,2,3,4	129,503	0	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	16,085	329,606	SH	DFND	1,2,3,4	263,364	0	66,242
SEADRILL LTD	COM	G7998G106	27	63,200	SH	DFND	1,2,3,4	63,200	0	0
PENTAIR PLC	SHS	G7500T104	17,324	582,109	SH	DFND	1,2,3,4	532,125	0	49,984
SENSATA TECHNOLOGIES HLDNG P	SHS	G8060N102	3,039	105,044	SH	DFND	1,2,3,4	83,153	0	21,891
SIGNET JEWELERS LIMITED	SHS	G81276100	17,756	2,752,921	SH	DFND	1,2,3,4	2,352,245	0	400,676
SMART GLOBAL HLDGS INC	SHS	G8232Y101	494	20,317	SH	DFND	1,2,3,4	16,900	0	3,417
STERIS PLC	SHS USD	G8473T100	19,061	136,177	SH	DFND	1,2,3,4	119,135	0	17,042
TECHNIPFMC PLC	COM	G87110105	2,939	436,024	SH	DFND	1,2,3,4	393,079	0	42,945
TEXTAINER GROUP HOLDINGS LTD	SHS	G8766E109	506	61,500	SH	DFND	1,2,3,4	61,500	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	1,491	64,535	SH	DFND	1,2,3,4	64,535	0	0
THIRD PT REINS LTD	COM	G8827U100	980	132,320	SH	DFND	1,2,3,4	112,670	0	19,650
TRANE TECHNOLOGIES PLC	SHS	G8994E103	38,850	470,395	SH	DFND	1,2,3,4	414,148	0	56,247
LIBERTY LATIN AMERICA LTD	COM CL A	G9001E102	526	50,015	SH	DFND	1,2,3,4	50,000	0	15
LIBERTY LATIN AMERICA LTD	COM CL C	G9001E128	1,554	151,505	SH	DFND	1,2,3,4	151,504	0	1
TRITON INTL LTD	CL A	G9078F107	1,829	70,700	SH	DFND	1,2,3,4	70,700	0	0
TRONOX HOLDINGS PLC	SHS	G9087Q102	528	106,010	SH	DFND	1,2,3,4	106,010	0	0
VALARIS PLC	SHS CLASS A	G9402V109	19	42,786	SH	DFND	1,2,3,4	5,586	0	37,200
GOLAR LNG LTD	SHS	G9456A100	893	113,300	SH	DFND	1,2,3,4	113,300	0	0
WATFORD HOLDINGS LTD	SHS	G94787101	224	15,300	SH	DFND	1,2,3,4	15,300	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	1,653	1,816	SH	DFND	1,2,3,4	1,416	0	400
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	47,750	281,131	SH	DFND	1,2,3,4	255,361	0	25,770
PERRIGO CO PLC	SHS	G97822103	83,938	1,745,429	SH	DFND	1,2,3,4	1,385,403	0	360,026
ALCON INC	ORD SHS	H01301128	6,518	128,252	SH	DFND	1,2,3,4	122,406	0	5,846
CHUBB LIMITED	COM	H1467J104	78,106	699,313	SH	DFND	1,2,3,4	634,688	0	64,625
GARMIN LTD	SHS	H2906T109	71,219	950,098	SH	DFND	1,2,3,4	921,572	0	28,526
UBS GROUP AG	SHS	H42097107	10,429	1,126,244	SH	DFND	1,2,3,4	1,126,131	0	113
LOGITECH INTL S A	SHS	H50430232	401	9,334	SH	DFND	1,2,3,4	9,334	0	0
TE CONNECTIVITY LTD	REG SHS	H84989104	23,304	370,025	SH	DFND	1,2,3,4	336,544	0	33,481
TRANSOCEAN LTD	REG SHS	H8817H100	1,162	1,002,113	SH	DFND	1,2,3,4	944,574	0	57,539
ALTISOURCE PORTFOLIO SOLNS S	REG SHS	L0175J104	227	29,660	SH	DFND	1,2,3,4	29,660	0	0
GLOBANT S A	COM	L44385109	903	10,270	SH	DFND	1,2,3,4	10,270	0	0
INTELSAT S A	COM	L5140P101	232	151,600	SH	DFND	1,2,3,4	151,600	0	0
ORION ENGINEERED CARBONS S A	COM	L72967109	36,953	4,953,480	SH	DFND	1,2,3,4	4,151,714	0	801,766
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	15,032	123,781	SH	DFND	1,2,3,4	63,603	0	60,178
TRINSEO S A	SHS	L9340P101	36,618	2,021,981	SH	DFND	1,2,3,4	1,703,847	0	318,134
CAESARSTONE LTD	ORD SHS	M20598104	279	26,400	SH	DFND	1,2,3,4	26,400	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	253,179	2,518,187	SH	DFND	1,2,3,4	2,238,097	0	280,090
CYBERARK SOFTWARE LTD	SHS	M2682V108	8,745	102,210	SH	DFND	1,2,3,4	102,210	0	0
ELBIT SYS LTD	ORD	M3760D101	882	6,907	SH	DFND	1,2,3,4	6,907	0	0
MELLANOX TECHNOLOGIES LTD	SHS	M51363113	10,337	85,205	SH	DFND	1,2,3,4	85,205	0	0
ISRAEL CHEMICALS LIMITED	SHS	M5920A109	2,421	788,623	SH	DFND	1,2,3,4	788,623	0	0

STRATASYS LTD	SHS	M85548101	1,021	64,000	SH	DFND	1,2,3,4	64,000	0	0
UROGEN PHARMA LTD	COM	M96088105	391	21,900	SH	DFND	1,2,3,4	21,900	0	0
WIX COM LTD	SHS	M98068105	4,481	44,446	SH	DFND	1,2,3,4	22,243	0	22,203
AERCAP HOLDINGS NV	SHS	N00985106	232,696	10,210,458	SH	DFND	1,2,3,4	8,634,557	0	1,575,901
AFFIMED N V	COM	N01045108	49	31,000	SH	DFND	1,2,3,4	31,000	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	220,997	844,662	SH	DFND	1,2,3,4	775,897	0	68,765
ELASTIC N V	ORD SHS	N14506104	1,418	25,406	SH	DFND	1,2,3,4	18,507	0	6,899
CNH INDL N V	SHS	N20944109	3,463	617,262	SH	DFND	1,2,3,4	603,074	0	14,188
CORE LABORATORIES N V	COM	N22717107	520	50,291	SH	DFND	1,2,3,4	50,291	0	0
FERRARI N V	COM	N3167Y103	5,705	37,391	SH	DFND	1,2,3,4	37,391	0	0
FIAT CHRYSLER AUTOMOBILES N	SHS	N31738102	8,025	1,116,132	SH	DFND	1,2,3,4	1,116,132	0	0
FRANKS INTL N V	COM	N33462107	383	147,800	SH	DFND	1,2,3,4	147,800	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	44,633	899,324	SH	DFND	1,2,3,4	865,859	0	33,465
MYLAN NV	SHS EURO	N59465109	19,856	1,331,723	SH	DFND	1,2,3,4	1,149,957	0	181,766
NXP SEMICONDUCTORS N V	COM	N6596X109	333,104	4,016,693	SH	DFND	1,2,3,4	3,317,450	0	699,243
QIAGEN NV	SHS NEW	N72482123	12,848	308,837	SH	DFND	1,2,3,4	236,888	0	71,949
WRIGHT MED GROUP N V	ORD SHS	N96617118	23,538	821,582	SH	DFND	1,2,3,4	821,582	0	0
YANDEX N V	SHS CLASS A	N97284108	15,499	455,171	SH	DFND	1,2,3,4	455,149	0	22
COPA HOLDINGS SA	CL A	P31076105	744	16,437	SH	DFND	1,2,3,4	13,300	0	3,137
INTERCORP FINL SVCS INC	SHS	P5626F128	4,732	170,690	SH	DFND	1,2,3,4	111,928	0	58,762
ONESPAWORLD HOLDINGS LIMITED	COM	P73684113	12,112	2,983,255	SH	DFND	1,2,3,4	2,795,695	0	187,560
MAKEMYTRIP LIMITED MAURITIUS	SHS	V5633W109	2,421	202,541	SH	DFND	1,2,3,4	202,541	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	17,028	529,327	SH	DFND	1,2,3,4	309,840	0	219,487
ARDMORE SHIPPING CORP	COM	Y0207T100	156	29,800	SH	DFND	1,2,3,4	29,800	0	0
COSTAMARE INC	SHS	Y1771G102	259	57,300	SH	DFND	1,2,3,4	57,300	0	0
DHT HOLDINGS INC	SHS NEW	Y2065G121	911	118,800	SH	DFND	1,2,3,4	118,800	0	0
DIAMOND S SHIPPING INC	COM	Y20676105	209	17,700	SH	DFND	1,2,3,4	17,700	0	0
DORIAN LPG LTD	SHS USD	Y2106R110	496	56,932	SH	DFND	1,2,3,4	51,484	0	5,448
EAGLE BULK SHIPPING INC	SHS NEW	Y2187A143	75	40,700	SH	DFND	1,2,3,4	40,700	0	0
FLEX LTD	ORD	Y2573F102	82,629	9,866,146	SH	DFND	1,2,3,4	5,859,785	0	4,006,361
GENCO SHIPPING & TRADING LTD	SHS	Y2685T131	149	23,200	SH	DFND	1,2,3,4	23,200	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	948	39,665	SH	DFND	1,2,3,4	39,665	0	0
SAFE BULKERS INC	COM	Y7388L103	48	40,600	SH	DFND	1,2,3,4	40,600	0	0
SCORPIO TANKERS INC	SHS	Y7542C130	1,025	53,611	SH	DFND	1,2,3,4	53,611	0	0
SCORPIO BULKERS INC	COM	Y7546A122	159	63,000	SH	DFND	1,2,3,4	63,000	0	0
TEEKAY CORPORATION	COM	Y8564W103	408	129,100	SH	DFND	1,2,3,4	129,100	0	0
TEEKAY TANKERS LTD	CL A	Y8565N300	739	33,206	SH	DFND	1,2,3,4	33,206	0	0
WAVE LIFE SCIENCES LTD	SHS	Y95308105	355	37,900	SH	DFND	1,2,3,4	37,900	0	0