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

OMB APPROVAL	
OMB Number:	3235-0006
Estimated average burden hours per response:	23.8

FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12-31-2023

Check here if Amendment Amendment Number: 1
This Amendment (Check only one.): is a restatement.
 adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: AMERICAN INTERNATIONAL GROUP, INC.
Address: 1271 Ave Of The Americas
FI 37
New York, NY 10020-1304
Form 13F File Number: 028-00219
CRD Number (if applicable):
SEC File Number (if applicable):

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Sabra R. Purtil
Title: Executive Vice President and Chief Financial Officer
Phone: 212-770-7000

Signature, Place, and Date of Signing:

/s/ Sabra R. Purtil New York, NY 02-28-2024
[Signature] [City, State] [Date]

Report Type (Check only one.):

13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)
 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 3
Form 13F Information Table Entry Total: 3,047
Form 13F Information Table Value Total: 24,267,415,379
(round to nearest dollar)

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

No.	Name	Form 13F File Number	CRD No. (if applicable)	SEC File No. (if applicable)	CIK
1	SUNAMERICA ASSET MANAGEMENT, LLC	028-02725			0000863926

2	Corebridge Institutional Investments (U.S.), LLC	028-13934	0001492070
3	AIG Capital Corp		0001417296

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

OMB APPROVAL

OMB Number: 3235-0006
 Estimated average burden
 hours per response: 23.8

FORM 13F INFORMATION TABLE

COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4 FIGI	COLUMN 5 VALUE (to the nearest dollar)	COLUMN 6 SHRS OR SH/ PUT/ INVESTMENT	COLUMN 7 OTHER MANAGER	COLUMN 8 VOTING AUTHORITY			
							SOLE	SHARED	NONE	
1 800 FLOWERS.COM INC CL A	CL A	68243Q106		139,558	12,946 SH	DFND	1	12,946	0	0
10X GENOMICS INC CLASS A	CL A	88025U109		86,906	1,553 SH	DFND	1	1,553	0	0
1ST SOURCE CORP	COM	336901103		450,645	8,201 SH	DFND	1	8,201	0	0
23ANDME HOLDING CO CLASS A	CL A	90138Q108		138,220	151,308 SH	DFND	1	151,308	0	0
2SEVENTY BIO INC	COM	901384107		106,601	24,965 SH	DFND	1	24,965	0	0
2U INC	COM	90214J101		49,027	39,859 SH	DFND	1	39,859	0	0
374WATER INC	COM	88583P104		43,551	30,670 SH	DFND	1	30,670	0	0
3D SYSTEMS CORP	COM	88554D205		452,361	71,238 SH	DFND	1	71,238	0	0
3M CO	COM	88579Y101		15,336,503	140,290 SH	DFND	1	140,290	0	0
4D MOLECULAR THERAPEUTICS IN	COM	35104E100		402,404	19,862 SH	DFND	1	19,862	0	0
5E ADVANCED MATERIALS INC	COM	33830Q109		27,558	19,545 SH	DFND	1	19,545	0	0
89BIO INC	COM	282559103		355,519	31,828 SH	DFND	1	31,828	0	0
8X8 INC	COM	282914100		225,742	59,720 SH	DFND	1	59,720	0	0
908 DEVICES INC	COM	65443P102		122,320	10,902 SH	DFND	1	10,902	0	0
A MARK PRECIOUS METALS INC	COM	00181T107		285,984	9,454 SH	DFND	1	9,454	0	0
A10 NETWORKS INC	COM	002121101		505,702	38,398 SH	DFND	1	38,398	0	0
AADI BIOSCIENCE INC	COM	00032Q104		16,285	8,062 SH	DFND	1	8,062	0	0
AAON INC	COM	000360206		2,723,291	36,866 SH	DFND	1	36,866	0	0
AAR CORP	COM	000361105		1,148,222	18,401 SH	DFND	1	18,401	0	0
AARON S CO INC/THE	COM	00258W108		162,874	14,970 SH	DFND	1	14,970	0	0
ABBOTT LABORATORIES	COM	002824100		48,517,205	440,785 SH	DFND	1	440,785	0	0
ABBVIE INC	COM	00287Y109		70,707,077	456,263 SH	DFND	1	456,263	0	0
ABERCROMBIE plus FITCH CO CL A	CL A	002896207		2,350,622	26,645 SH	DFND	1	26,645	0	0
ABM INDUSTRIES INC	COM	000957100		1,615,001	36,025 SH	DFND	1	36,025	0	0
ACACIA RESEARCH CORP	COM	003881307		74,068	18,895 SH	DFND	1	18,895	0	0
ACADEMY SPORTS plus OUTDOORS IN	COM	00402L107		2,605,350	39,475 SH	DFND	1	39,475	0	0
ACADIA HEALTHCARE CO INC	COM	00404A109		9,684,308	124,541 SH	DFND	1	124,541	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108		1,885,958	60,235 SH	DFND	1	60,235	0	0
ACADIA REALTY TRUST	COM SH BEN INT	004239109		865,827	50,961 SH	DFND	1	50,961	0	0
ACCEL ENTERTAINMENT INC	CL A1	00436Q106		272,330	26,517 SH	DFND	1	26,517	0	0
ACCENTURE PLC CL A	SHS CL A	G1151C101		57,362,556	163,468 SH	DFND	1	163,468	0	0
ACCO BRANDS CORP	COM	00081T108		279,279	45,934 SH	DFND	1	45,934	0	0

ACCOLADE INC	COM	00437E102	404,869	33,711	SH	DFND	1	33,711	0	0
ACCURAY INC	COM	004397105	132,716	46,896	SH	DFND	1	46,896	0	0
ACELYRIN INC	COM	00445A100	122,904	16,475	SH	DFND	1	16,475	0	0
ACI WORLDWIDE INC	COM	004498101	1,807,267	59,061	SH	DFND	1	59,061	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	36,249	34,523	SH	DFND	1	34,523	0	0
ACM RESEARCH INC CLASS A	CL A	00108J109	467,455	23,923	SH	DFND	1	23,923	0	0
ACNB CORP	COM	000868109	185,217	4,138	SH	DFND	1	4,138	0	0
ACRIVON THERAPEUTICS INC	COM	004890109	21,259	4,321	SH	DFND	1	4,321	0	0
ACTINIUM PHARMACEUTICALS INC	COM	00507W206	68,915	13,566	SH	DFND	1	13,566	0	0
ACUITY BRANDS INC	COM	00508Y102	8,563,328	41,807	SH	DFND	1	41,807	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	968,965	15,339	SH	DFND	1	15,339	0	0
ACV AUCTIONS INC A	CL A	00091G104	957,450	63,198	SH	DFND	1	63,198	0	0
ADAPTHEALTH CORP	CL A	00653Q102	374,866	51,422	SH	DFND	1	51,422	0	0
ADAPTIVE BIOTECHNOLOGIES	COM	00650F109	276,674	56,464	SH	DFND	1	56,464	0	0
ADDUS HOMECARE CORP	COM	006739106	793,125	8,542	SH	DFND	1	8,542	0	0
ADEIA INC	COM	00676P107	721,656	58,245	SH	DFND	1	58,245	0	0
ADICET BIO INC	COM	007002108	28,548	15,105	SH	DFND	1	15,105	0	0
ADIENT PLC	COM	G0084W101	6,268,682	172,406	SH	DFND	1	172,406	0	0
ADMA BIOLOGICS INC	COM	000899104	478,935	105,959	SH	DFND	1	105,959	0	0
ADOBE INC	COM	00724F101	99,487,823	166,758	SH	DFND	1	166,758	0	0
ADT INC	COM	00090Q103	11,785	1,728	SH	DFND	1	1,728	0	0
ADTALEM GLOBAL EDUCATION INC	COM	00737L103	1,275,855	21,643	SH	DFND	1	21,643	0	0
ADTRAN HOLDINGS INC	COM	00486H105	309,212	42,127	SH	DFND	1	42,127	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	200,178	3,280	SH	DFND	1	3,280	0	0
ADVANCED DRAINAGE SYSTEMS IN	COM	00790R104	13,107,226	93,197	SH	DFND	1	93,197	0	0
ADVANCED ENERGY INDUSTRIES	COM	007973100	2,228,830	20,463	SH	DFND	1	20,463	0	0
ADVANCED MICRO DEVICES	COM	007903107	85,628,700	580,888	SH	DFND	1	580,888	0	0
ADVANSIX INC	COM	00773T101	426,331	14,230	SH	DFND	1	14,230	0	0
ADVANTAGE SOLUTIONS INC	CL A	00791N102	156,326	43,184	SH	DFND	1	43,184	0	0
AECOM	COM	00766T100	17,314,357	187,324	SH	DFND	1	187,324	0	0
AEHR TEST SYSTEMS	COM	00760J108	364,363	13,734	SH	DFND	1	13,734	0	0
AERCAP HOLDINGS NV	NV SHS	N00985106	2,676,486	36,013	SH	DFND	1	36,013	0	0
AEROVATE THERAPEUTICS INC	COM	008064107	125,732	5,556	SH	DFND	1	5,556	0	0
AEROVIRONMENT INC	COM	008073108	1,786,365	14,173	SH	DFND	1	14,173	0	0
AERSALE CORP	COM	00810F106	161,569	12,727	SH	DFND	1	12,727	0	0
AES CORP	COM	00130H105	3,448,233	179,129	SH	DFND	1	179,129	0	0
AEVA TECHNOLOGIES INC	COM	00835Q103	30,335	40,035	SH	DFND	1	40,035	0	0
AFC GAMMA INC	COM	00109K105	98,020	8,148	SH	DFND	1	8,148	0	0
AFFILIATED MANAGERS GROUP	COM	008252108	6,916,109	45,675	SH	DFND	1	45,675	0	0
AFFIRM HOLDINGS INC	CL A	00827B106	90,958	1,851	SH	DFND	1	1,851	0	0
AFLAC INC	COM	001055102	11,942,948	144,763	SH	DFND	1	144,763	0	0
AGCO CORP	COM	001084102	10,192,977	83,955	SH	DFND	1	83,955	0	0
AGENUS INC	COM	00847G705	156,827	189,427	SH	DFND	1	189,427	0	0

AGILENT TECHNOLOGIES INC	COM	00846U101	10,954,035	78,789	SH	DFND	1	78,789	0	0
AGILITI INC	COM	00848J104	129,753	16,383	SH	DFND	1	16,383	0	0
AGILON HEALTH INC	COM	00857U107	58,270	4,643	SH	DFND	1	4,643	0	0
AGILYSYS INC	COM	00847J105	926,319	10,921	SH	DFND	1	10,921	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	614,875	27,610	SH	DFND	1	27,610	0	0
AGNC INVESTMENT CORP	COM	00123Q104	52,121	5,313	SH	DFND	1	5,313	0	0
AGREE REALTY CORP	COM	008492100	8,546,596	135,768	SH	DFND	1	135,768	0	0
AIR LEASE CORP	COM	00912X302	35,691	851	SH	DFND	1	851	0	0
AIR PRODUCTS plus CHEMICALS INC	COM	009158106	17,608,352	64,311	SH	DFND	1	64,311	0	0
AIR TRANSPORT SERVICES GROUP	COM	00922R105	493,520	28,025	SH	DFND	1	28,025	0	0
AIRBNB INC CLASS A	CL A	009066101	20,751,276	152,426	SH	DFND	1	152,426	0	0
AIRSCULPT TECHNOLOGIES INC	COM	009496100	45,322	6,051	SH	DFND	1	6,051	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	5,388,239	45,528	SH	DFND	1	45,528	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	595,752	25,514	SH	DFND	1	25,514	0	0
AKOUSTIS TECHNOLOGIES INC	COM	00973N102	28,989	34,759	SH	DFND	1	34,759	0	0
AKOYA BIOSCIENCES INC	COM	00974H104	56,237	11,524	SH	DFND	1	11,524	0	0
ALAMO GROUP INC	COM	011311107	1,157,096	5,505	SH	DFND	1	5,505	0	0
ALARM.COM HOLDINGS INC	COM	011642105	1,691,622	26,178	SH	DFND	1	26,178	0	0
ALASKA AIR GROUP INC	COM	011659109	275,209	7,044	SH	DFND	1	7,044	0	0
ALBANY INTL CORP CL A	CL A	012348108	1,672,490	17,028	SH	DFND	1	17,028	0	0
ALBEMARLE CORP	COM	012653101	4,650,378	32,187	SH	DFND	1	32,187	0	0
ALBERTSONS COS INC CLASS A	COM	013091103	85,951	3,737	SH	DFND	1	3,737	0	0
ALCOA CORP	COM	013872106	8,196,346	241,069	SH	DFND	1	241,069	0	0
ALDEYRA THERAPEUTICS INC	COM	01438T106	81,253	23,149	SH	DFND	1	23,149	0	0
ALECTOR INC	COM	014442107	251,769	31,550	SH	DFND	1	31,550	0	0
ALERUS FINANCIAL CORP	COM	01446U103	199,473	8,909	SH	DFND	1	8,909	0	0
ALEXANDER plus BALDWIN INC	COM	014491104	750,891	39,479	SH	DFND	1	39,479	0	0
ALEXANDER S INC	COM	014752109	228,093	1,068	SH	DFND	1	1,068	0	0
ALEXANDRIA REAL ESTATE EQUIT	COM	015271109	5,214,937	41,137	SH	DFND	1	41,137	0	0
ALICO INC	COM	016230104	102,972	3,541	SH	DFND	1	3,541	0	0
ALIGHT INC CLASS A	CL A	01626W101	1,757,897	206,084	SH	DFND	1	206,084	0	0
ALIGN TECHNOLOGY INC	COM	016255101	5,764,960	21,040	SH	DFND	1	21,040	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	364,237	42,304	SH	DFND	1	42,304	0	0
ALKAMI TECHNOLOGY INC	COM	01644J108	483,448	19,936	SH	DFND	1	19,936	0	0
ALKERMES PLC	COM	G01767105	2,505,310	90,314	SH	DFND	1	90,314	0	0
ALLAKOS INC	COM	01671P100	90,210	33,044	SH	DFND	1	33,044	0	0
ALLBIRDS INC CL A	CL A	01675A109	58,954	48,126	SH	DFND	1	48,126	0	0
ALLEGiant TRAVEL CO	COM	01748X102	707,885	8,569	SH	DFND	1	8,569	0	0
ALLEGION PLC	COM	G0176J109	3,056,396	24,125	SH	DFND	1	24,125	0	0

ALLEGRO MICROSYSTEMS INC	COM	01749D105	2,932,527	96,879	SH	DFND	1	96,879	0	0
ALLETE INC	COM	018522300	6,477,884	105,917	SH	DFND	1	105,917	0	0
ALLIANT ENERGY CORP	COM	018802108	3,431,098	66,883	SH	DFND	1	66,883	0	0
ALLIENT INC	COM	019330109	194,311	6,432	SH	DFND	1	6,432	0	0
ALLISON TRANSMISSION HOLDING	COM	01973R101	47,043	809	SH	DFND	1	809	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	150,764	46,967	SH	DFND	1	46,967	0	0
ALLOVIR INC	COM	019818103	17,202	25,305	SH	DFND	1	25,305	0	0
ALLOVIR INC	COM	019818103	767,418	1,128,888	SH	DFND	2	1,128,888	0	0
ALLSTATE CORP	COM	020002101	9,606,407	68,627	SH	DFND	1	68,627	0	0
ALLY FINANCIAL INC	COM	02005N100	12,804,570	366,683	SH	DFND	1	366,683	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	360,425	1,883	SH	DFND	1	1,883	0	0
ALPHA plus OMEGA SEMICONDUCTOR	COM	G6331P104	328,017	12,587	SH	DFND	1	12,587	0	0
ALPHA METALLURGICAL RESOURCE	COM	020764106	2,135,196	6,300	SH	DFND	1	6,300	0	0
ALPHABET INC CL A	CAP STK CL A	02079K305	272,655,323	1,951,860	SH	DFND	1	1,951,860	0	0
ALPHABET INC CL C	CAP STK CL C	02079K107	208,395,164	1,478,714	SH	DFND	1	1,478,714	0	0
ALPHATEC HOLDINGS INC	COM	02081G201	692,733	45,846	SH	DFND	1	45,846	0	0
ALPINE IMMUNE SCIENCES INC	COM	02083G100	308,486	16,185	SH	DFND	1	16,185	0	0
ALPINE INCOME PROPERTY TRUST	COM	02083X103	106,618	6,305	SH	DFND	1	6,305	0	0
ALTA EQUIPMENT GROUP INC	COM	02128L106	141,884	11,470	SH	DFND	1	11,470	0	0
ALTAIR ENGINEERING INC A	COM	021369103	2,273,565	27,018	SH	DFND	1	27,018	0	0
ALTERYX INC CLASS A	COM	02156B103	48,858	1,036	SH	DFND	1	1,036	0	0
ALTI GLOBAL INC	CL A	02157E106	99,426	11,350	SH	DFND	1	11,350	0	0
ALTIMMUNE INC	COM	02155H200	295,515	26,268	SH	DFND	1	26,268	0	0
ALTRIA GROUP INC	COM	02209S103	18,122,382	449,241	SH	DFND	1	449,241	0	0
ALTUS POWER INC	CL A	02217A102	216,969	31,767	SH	DFND	1	31,767	0	0
ALX ONCOLOGY HOLDINGS INC	COM	00166B105	199,496	13,398	SH	DFND	1	13,398	0	0
AMALGAMATED FINANCIAL CORP	COM	022671101	236,830	8,791	SH	DFND	1	8,791	0	0
AMAZON.COM INC	COM	023135106	409,731,736	2,696,668	SH	DFND	1	2,696,668	0	0
AMBAC FINANCIAL GROUP INC	COM	023139884	397,613	24,127	SH	DFND	1	24,127	0	0
AMBARELLA INC	COM	G037AX101	1,155,929	18,860	SH	DFND	1	18,860	0	0
AMC ENTERTAINMENT HLDS CL A	CL A	00165C302	9,976	1,630	SH	DFND	1	1,630	0	0
AMC NETWORKS INC A	COM	00164V103	315,559	16,794	SH	DFND	1	16,794	0	0
AMCOR PLC	COM	G0250X107	3,653,252	378,968	SH	DFND	1	378,968	0	0
AMDOCS LTD	COM	G02602103	84,726	964	SH	DFND	1	964	0	0
AMEDISYS INC	COM	023436108	4,189,674	44,074	SH	DFND	1	44,074	0	0
AMER NATL BNKSHS/DANVILLE VA	COM	027745108	249,308	5,114	SH	DFND	1	5,114	0	0
AMERANT BANCORP INC	COM	023576101	315,331	12,834	SH	DFND	1	12,834	0	0
AMEREN CORPORATION	COM	023608102	4,987,337	68,943	SH	DFND	1	68,943	0	0
AMERESCO INC CL A	CL A	02361E108	506,498	15,993	SH	DFND	1	15,993	0	0
AMERICA S CAR MART	COM	03062T105	241,706	3,190	SH	DFND	1	3,190	0	0

INC										
AMERICAN AIRLINES GROUP INC	COM	02376R102	2,383,024	173,437	SH	DFND	1	173,437	0	0
AMERICAN ASSETS TRUST INC	COM	024013104	597,798	26,557	SH	DFND	1	26,557	0	0
AMERICAN AXLE plus MFG HOLDINGS	COM	024061103	548,660	62,277	SH	DFND	1	62,277	0	0
AMERICAN COASTAL INSURANCE C	COM	910710102	92,235	9,750	SH	DFND	1	9,750	0	0
AMERICAN EAGLE OUTFITTERS	COM	02553E106	2,107,663	99,606	SH	DFND	1	99,606	0	0
AMERICAN ELECTRIC POWER	COM	025537101	13,816,822	170,116	SH	DFND	1	170,116	0	0
AMERICAN EQUITY INVT LIFE HL	COM	025676206	2,345,776	42,039	SH	DFND	1	42,039	0	0
AMERICAN EXPRESS CO	COM	025816109	35,662,792	190,364	SH	DFND	1	190,364	0	0
AMERICAN FINANCIAL GROUP INC	COM	025932104	10,501,554	88,330	SH	DFND	1	88,330	0	0
AMERICAN HOMES 4 RENT A	COM	02665T306	98,458	2,738	SH	DFND	1	2,738	0	0
AMERICAN INTERNATIONAL GROUP	COM	026874784	12,081,248	178,321	SH	DFND	1	178,321	0	0
AMERICAN REALTY INVESTORS IN	COM	029174109	12,918	742	SH	DFND	1	742	0	0
AMERICAN SOFTWARE INC CL A	CL A	029683109	181,546	16,066	SH	DFND	1	16,066	0	0
AMERICAN STATES WATER CO	COM	029899101	1,622,071	20,170	SH	DFND	1	20,170	0	0
AMERICAN TOWER CORP	COM	03027X100	29,098,249	134,789	SH	DFND	1	134,789	0	0
AMERICAN VANGUARD CORP	COM	030371108	147,327	13,430	SH	DFND	1	13,430	0	0
AMERICAN WATER WORKS CO INC	COM	030420103	6,739,409	51,060	SH	DFND	1	51,060	0	0
AMERICAN WELL CORP CLASS A	CL A	03044L105	184,431	123,779	SH	DFND	1	123,779	0	0
AMERICAN WOODMARK CORP	COM	030506109	828,872	8,927	SH	DFND	1	8,927	0	0
AMERICOLD REALTY TRUST INC	COM	03064D108	67,199	2,220	SH	DFND	1	2,220	0	0
AMERIPRISE FINANCIAL INC	COM	03076C106	11,691,167	30,780	SH	DFND	1	30,780	0	0
AMERIS BANCORP	COM	03076K108	1,908,315	35,972	SH	DFND	1	35,972	0	0
AMERISAFE INC	COM	03071H100	485,810	10,385	SH	DFND	1	10,385	0	0
AMES NATIONAL CORP	COM	031001100	91,357	4,281	SH	DFND	1	4,281	0	0
AMETEK INC	COM	031100100	10,196,962	61,841	SH	DFND	1	61,841	0	0
AMGEN INC	COM	031162100	54,922,822	190,691	SH	DFND	1	190,691	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	2,004,323	141,249	SH	DFND	1	141,249	0	0
AMKOR TECHNOLOGY INC	COM	031652100	6,473,144	194,564	SH	DFND	1	194,564	0	0
AMMO INC	COM	00175J107	94,162	44,839	SH	DFND	1	44,839	0	0
AMN HEALTHCARE SERVICES INC	COM	001744101	1,552,038	20,727	SH	DFND	1	20,727	0	0
AMNEAL PHARMACEUTICALS INC	COM	03168L105	367,793	60,592	SH	DFND	1	60,592	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	1,292,727	20,901	SH	DFND	1	20,901	0	0
AMPHENOL CORP CL A	CL A	032095101	19,615,646	197,878	SH	DFND	1	197,878	0	0
AMPLIFY ENERGY CORP	COM	03212B103	106,936	18,033	SH	DFND	1	18,033	0	0
AMPLITUDE INC CLASS A	CL A	03213A104	428,257	33,668	SH	DFND	1	33,668	0	0
AMPRIUS	COM	03214Q108	14,384	2,719	SH	DFND	1	2,719	0	0

TECHNOLOGIES INC										
AMLYX PHARMACEUTICALS INC	COM	03237H101	371,621	25,246	SH	DFND	1	25,246	0	0
ANALOG DEVICES INC	COM	032654105	35,954,649	181,077	SH	DFND	1	181,077	0	0
ANAPTYSBIO INC	COM	032724106	199,463	9,312	SH	DFND	1	9,312	0	0
ANAVEX LIFE SCIENCES CORP	COM	032797300	334,499	35,929	SH	DFND	1	35,929	0	0
ANDERSONS INC/THE	COM	034164103	1,006,950	17,500	SH	DFND	1	17,500	0	0
ANGEL OAK MORTGAGE REIT INC	COM	03464Y108	62,286	5,876	SH	DFND	1	5,876	0	0
ANGIODYNAMICS INC	COM	03475V101	149,352	19,050	SH	DFND	1	19,050	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	437,095	7,927	SH	DFND	1	7,927	0	0
ANIKA THERAPEUTICS INC	COM	035255108	164,852	7,275	SH	DFND	1	7,275	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710839	13,083,563	675,455	SH	DFND	1	675,455	0	0
ANNEXON INC	COM	03589W102	102,999	22,687	SH	DFND	1	22,687	0	0
ANSYS INC	COM	03662Q105	12,132,167	33,433	SH	DFND	1	33,433	0	0
ANTERIX INC	COM	03676C100	213,181	6,398	SH	DFND	1	6,398	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	5,776,831	461,040	SH	DFND	1	461,040	0	0
ANTERO RESOURCES CORP	COM	03674X106	8,654,937	381,611	SH	DFND	1	381,611	0	0
ANYWHERE REAL ESTATE INC	COM	75605Y106	476,941	58,809	SH	DFND	1	58,809	0	0
AON PLC CLASS A	CL A	G0403H108	17,677,428	60,743	SH	DFND	1	60,743	0	0
APA CORP	COM	03743Q108	3,102,113	86,458	SH	DFND	1	86,458	0	0
APARTMENT INCOME REIT CO	COM	03750L109	6,896,267	198,568	SH	DFND	1	198,568	0	0
APARTMENT INVT plus MGMT CO A	COM	03748R747	569,554	72,740	SH	DFND	1	72,740	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	102,361	1,710	SH	DFND	1	1,710	0	0
API GROUP CORP	COM	00187Y100	3,600,441	104,059	SH	DFND	1	104,059	0	0
APOGEE ENTERPRISES INC	COM	037598109	642,362	12,027	SH	DFND	1	12,027	0	0
APOGEE THERAPEUTICS INC	COM	03770N101	285,072	10,203	SH	DFND	1	10,203	0	0
APOLLO COMMERCIAL REAL ESTAT	COM	03762U105	900,787	76,728	SH	DFND	1	76,728	0	0
APOLLO GLOBAL MANAGEMENT INC	COM	03769M106	822,961	8,831	SH	DFND	1	8,831	0	0
APOLLO MEDICAL HOLDINGS INC	COM	03763A207	890,475	23,250	SH	DFND	1	23,250	0	0
APPFOLIO INC A	COM	03783C100	1,654,788	9,552	SH	DFND	1	9,552	0	0
APPIAN CORP A	COM	03782L101	768,490	20,406	SH	DFND	1	20,406	0	0
APPLE HOSPITALITY REIT INC	COM	03784Y200	1,947,572	117,253	SH	DFND	1	117,253	0	0
APPLE INC	COM	037833100	829,165,100	4,306,680	SH	DFND	1	4,306,680	0	0
APPLIED DIGITAL CORP	COM	038169207	274,763	40,766	SH	DFND	1	40,766	0	0
APPLIED INDUSTRIAL TECH INC	COM	03820C105	3,629,598	21,018	SH	DFND	1	21,018	0	0
APPLIED MATERIALS INC	COM	038222105	51,006,670	314,720	SH	DFND	1	314,720	0	0
APPLOVIN CORP CLASS A	CL A	03831W108	87,511	2,196	SH	DFND	1	2,196	0	0
APTARGROUP INC	COM	038336103	10,984,008	88,853	SH	DFND	1	88,853	0	0
APTIV PLC	COM	G6095L109	7,679,045	85,589	SH	DFND	1	85,589	0	0
ARAMARK	COM	03852U106	9,902,356	352,397	SH	DFND	1	352,397	0	0

ARBOR REALTY TRUST INC	COM	038923108	1,524,330	100,417	SH	DFND	1	100,417	0	0
ARBUTUS BIOPHARMA CORP	COM	03879J100	157,438	62,975	SH	DFND	1	62,975	0	0
ARCBEST CORP	COM	03937C105	1,556,840	12,951	SH	DFND	1	12,951	0	0
ARCELLX INC	COM	03940C100	1,058,163	19,066	SH	DFND	1	19,066	0	0
ARCH CAPITAL GROUP LTD	COM	G0450A105	7,622,404	102,631	SH	DFND	1	102,631	0	0
ARCH RESOURCES INC	CL A	03940R107	1,485,827	8,954	SH	DFND	1	8,954	0	0
ARCHER AVIATION INC A	CL A	03945R102	465,707	75,848	SH	DFND	1	75,848	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	12,653,883	175,213	SH	DFND	1	175,213	0	0
ARCHROCK INC	COM	03957W106	1,164,271	75,602	SH	DFND	1	75,602	0	0
ARCOSA INC	COM	039653100	2,183,597	26,423	SH	DFND	1	26,423	0	0
ARCTURUS THERAPEUTICS HOLDIN	COM	03969T109	365,433	11,590	SH	DFND	1	11,590	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	558,981	29,266	SH	DFND	1	29,266	0	0
ARCUTIS BIOTHERAPEUTICS INC	COM	03969K108	126,975	39,311	SH	DFND	1	39,311	0	0
ARDAGH METAL PACKAGING SA	CL A	L02235106	8,982	2,339	SH	DFND	1	2,339	0	0
ARDELYX INC	COM	039697107	710,501	114,597	SH	DFND	1	114,597	0	0
ARDMORE SHIPPING CORP	COM	Y0207T100	292,480	20,758	SH	DFND	1	20,758	0	0
ARES COMMERCIAL REAL ESTATE	COM	04013V108	267,765	25,846	SH	DFND	1	25,846	0	0
ARES MANAGEMENT CORP A	COM	03990B101	328,695	2,764	SH	DFND	1	2,764	0	0
ARGAN INC	COM	04010E109	294,824	6,301	SH	DFND	1	6,301	0	0
ARIS WATER SOLUTIONS INC A	CL A	04041L106	124,675	14,860	SH	DFND	1	14,860	0	0
ARISTA NETWORKS INC	COM	040413106	17,548,321	74,512	SH	DFND	1	74,512	0	0
ARKO CORP	COM	041242108	333,366	40,408	SH	DFND	1	40,408	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	466,023	48,952	SH	DFND	1	48,952	0	0
ARMADA HOFFLER PROPERTIES IN	COM	04208T108	453,620	36,671	SH	DFND	1	36,671	0	0
ARMOUR RESIDENTIAL REIT INC	COM	042315705	516,849	26,752	SH	DFND	1	26,752	0	0
ARMSTRONG WORLD INDUSTRIES	COM	04247X102	250,323	2,546	SH	DFND	1	2,546	0	0
ARRAY TECHNOLOGIES INC	COM	04271T100	1,265,712	75,340	SH	DFND	1	75,340	0	0
ARROW ELECTRONICS INC	COM	042735100	8,944,544	73,166	SH	DFND	1	73,166	0	0
ARROW FINANCIAL CORP	COM	042744102	204,744	7,328	SH	DFND	1	7,328	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	5,942,765	194,208	SH	DFND	1	194,208	0	0
ARS PHARMACEUTICALS INC	COM	82835W108	66,867	12,202	SH	DFND	1	12,202	0	0
ARTESIAN RESOURCES CORP CL A	CL A	043113208	188,598	4,550	SH	DFND	1	4,550	0	0
ARTHUR J GALLAGHER plus CO	COM	363576109	15,768,586	70,120	SH	DFND	1	70,120	0	0
ARTISAN PARTNERS ASSET MA A	COM	04316A108	1,492,224	33,776	SH	DFND	1	33,776	0	0
ARTIVION INC	COM	228903100	382,829	21,411	SH	DFND	1	21,411	0	0
ARVINAS INC	COM	04335A105	1,004,633	24,408	SH	DFND	1	24,408	0	0
ASANA INC CL A	CL A	04342Y104	768,441	40,423	SH	DFND	1	40,423	0	0
ASBURY AUTOMOTIVE	COM	043436104	2,534,737	11,267	SH	DFND	1	11,267	0	0

GROUP											
ASGN INC	COM	00191U102	8,355,923	86,887	SH	DFND	1	86,887	0	0	
ASHLAND INC	COM	044186104	5,832,819	69,183	SH	DFND	1	69,183	0	0	
ASML HOLDING NV NY REG SHS	ADR	N07059210	4,617,212	6,100	SH	DFND	1	6,100	0	0	
ASPEN AEROGELS INC	COM	04523Y105	400,859	25,403	SH	DFND	1	25,403	0	0	
ASPEN TECHNOLOGY INC	COM	29109X106	8,333,558	37,854	SH	DFND	1	37,854	0	0	
ASSERTIO HOLDINGS INC	COM	04546C205	47,198	44,110	SH	DFND	1	44,110	0	0	
ASSETMARK FINANCIAL HOLDINGS	COM	04546L106	327,354	10,930	SH	DFND	1	10,930	0	0	
ASSOCIATED BANC CORP	COM	045487105	5,878,443	274,822	SH	DFND	1	274,822	0	0	
ASSURANT INC	COM	04621X108	2,323,983	13,793	SH	DFND	1	13,793	0	0	
ASSURED GUARANTY LTD	COM	G0585R106	225,538	3,014	SH	DFND	1	3,014	0	0	
AST SPACEMOBILE INC	CL A	00217D100	240,953	39,959	SH	DFND	1	39,959	0	0	
ASTEC INDUSTRIES INC	COM	046224101	460,276	12,373	SH	DFND	1	12,373	0	0	
ASTRAZENECA PLC SPONS ADR	SPON ADR	046353108	2,725,250	40,464	SH	DFND	1	40,464	0	0	
ASTRIA THERAPEUTICS INC	COM	04635X102	126,282	16,443	SH	DFND	1	16,443	0	0	
ASTRONICS CORP	COM	046433108	227,732	13,073	SH	DFND	1	13,073	0	0	
ASURE SOFTWARE INC	COM	04649U102	108,233	11,369	SH	DFND	1	11,369	0	0	
ATplusT INC	COM	00206R102	33,996,649	2,026,022	SH	DFND	1	2,026,022	0	0	
ATARA BIOTHERAPEUTICS INC	COM	046513107	24,687	48,141	SH	DFND	1	48,141	0	0	
ATEA PHARMACEUTICALS INC	COM	04683R106	116,217	38,104	SH	DFND	1	38,104	0	0	
ATI INC	COM	01741R102	3,189,584	70,147	SH	DFND	1	70,147	0	0	
ATI PHYSICAL THERAPY INC	CL A	00216W208	12	2	SH	DFND	1	2	0	0	
ATKORE INC	COM	047649108	3,015,040	18,844	SH	DFND	1	18,844	0	0	
ATLANTA BRAVES HOLDINGS IN A	COM SER A	047726104	213,601	4,993	SH	DFND	1	4,993	0	0	
ATLANTA BRAVES HOLDINGS IN C	COM SER C	047726302	896,487	22,650	SH	DFND	1	22,650	0	0	
ATLANTIC UNION BANKSHARES CO	COM	04911A107	1,493,938	40,885	SH	DFND	1	40,885	0	0	
ATLANTICUS HOLDINGS CORP	COM	04914Y102	88,090	2,278	SH	DFND	1	2,278	0	0	
ATLAS ENERGY SOLUTIONS INC	COM	642045108	152,363	8,848	SH	DFND	1	8,848	0	0	
ATLASSIAN CORP CL A	CL A	049468101	2,562,228	10,772	SH	DFND	1	10,772	0	0	
ATMOS ENERGY CORP	COM	049560105	4,512,682	38,936	SH	DFND	1	38,936	0	0	
ATMUS FILTRATION TECHNOLOGIE	COM	04956D107	191,796	8,165	SH	DFND	1	8,165	0	0	
ATN INTERNATIONAL INC	COM	00215F107	229,884	5,899	SH	DFND	1	5,899	0	0	
ATOMERA INC	COM	04965B100	78,028	11,131	SH	DFND	1	11,131	0	0	
ATRICURE INC	COM	04963C209	826,473	23,157	SH	DFND	1	23,157	0	0	
ATRION CORPORATION	COM	049904105	259,092	684	SH	DFND	1	684	0	0	
AURA BIOSCIENCES INC	COM	05153U107	122,241	13,797	SH	DFND	1	13,797	0	0	
AURINIA PHARMACEUTICALS INC	COM	05156V102	605,126	67,311	SH	DFND	1	67,311	0	0	
AURORA INNOVATION INC	CL A	051774107	735,349	168,272	SH	DFND	1	168,272	0	0	
AUTODESK INC	COM	052769106	19,194,502	78,834	SH	DFND	1	78,834	0	0	
AUTOHOME INC ADR	ADR	05278C107	21,662	772	SH	DFND	1	772	0	0	

AUTOLIV INC	COM	052800109	11,079,054	100,545	SH	DFND	1	100,545	0	0
AUTOMATIC DATA PROCESSING	COM	053015103	37,670,084	161,695	SH	DFND	1	161,695	0	0
AUTONATION INC	COM	05329W102	5,264,560	35,055	SH	DFND	1	35,055	0	0
AUTOZONE INC	COM	053332102	13,535,668	5,235	SH	DFND	1	5,235	0	0
AVALONBAY COMMUNITIES INC	COM	053484101	6,971,698	37,238	SH	DFND	1	37,238	0	0
AVANGRID INC	COM	05351W103	18,927	584	SH	DFND	1	584	0	0
AVANOS MEDICAL INC	COM	05350V106	565,236	25,200	SH	DFND	1	25,200	0	0
AVANTOR INC	COM	05352A100	126,684	5,549	SH	DFND	1	5,549	0	0
AVEANNA HEALTHCARE HOLDINGS	COM	05356F105	67,464	25,173	SH	DFND	1	25,173	0	0
AVEPOINT INC	CL A	053604104	606,317	73,851	SH	DFND	1	73,851	0	0
EVERY DENNISON CORP	COM	053611109	4,568,412	22,598	SH	DFND	1	22,598	0	0
AVIAT NETWORKS INC	COM	05366Y201	184,856	5,660	SH	DFND	1	5,660	0	0
AVID BIOSERVICES INC	COM	05368M106	200,506	30,847	SH	DFND	1	30,847	0	0
AVIDITY BIOSCIENCES INC	COM	05370A108	332,741	36,767	SH	DFND	1	36,767	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	920,465	74,291	SH	DFND	1	74,291	0	0
AVIENT CORP	COM	05368V106	6,957,654	167,372	SH	DFND	1	167,372	0	0
AVIS BUDGET GROUP INC	COM	053774105	4,435,754	25,024	SH	DFND	1	25,024	0	0
AVISTA CORP	COM	05379B107	1,493,289	41,782	SH	DFND	1	41,782	0	0
AVITA MEDICAL INC	COM	05380C102	171,431	12,495	SH	DFND	1	12,495	0	0
AVNET INC	COM	053807103	6,160,291	122,228	SH	DFND	1	122,228	0	0
AXALTA COATING SYSTEMS LTD	COM	G0750C108	10,105,973	297,497	SH	DFND	1	297,497	0	0
AXCELIS TECHNOLOGIES INC	COM	054540208	2,301,998	17,750	SH	DFND	1	17,750	0	0
AXIS CAPITAL HOLDINGS LTD	COM	G0692U109	35,381	639	SH	DFND	1	639	0	0
AXOGEN INC	COM	05463X106	138,048	20,212	SH	DFND	1	20,212	0	0
AXON ENTERPRISE INC	COM	05464C101	5,146,967	19,924	SH	DFND	1	19,924	0	0
AXONICS INC	COM	05465P101	1,539,010	24,731	SH	DFND	1	24,731	0	0
AXOS FINANCIAL INC	COM	05465C100	1,639,911	30,035	SH	DFND	1	30,035	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	1,410,414	17,721	SH	DFND	1	17,721	0	0
AZEK CO INC/THE	CL A	05478C105	41,463	1,084	SH	DFND	1	1,084	0	0
AZENTA INC	COM	114340102	5,292,430	81,247	SH	DFND	1	81,247	0	0
AZZ INC	COM	002474104	785,319	13,519	SH	DFND	1	13,519	0	0
B. RILEY FINANCIAL INC	COM	05580M108	229,442	10,931	SH	DFND	1	10,931	0	0
BplusG FOODS INC	COM	05508R106	410,036	39,051	SH	DFND	1	39,051	0	0
BABCOCK plus WILCOX ENTERPR	COM	05614L209	42,680	29,233	SH	DFND	1	29,233	0	0
BADGER METER INC	COM	056525108	2,471,772	16,012	SH	DFND	1	16,012	0	0
BAKER HUGHES CO	COM	05722G100	11,410,720	333,842	SH	DFND	1	333,842	0	0
BAKKT HOLDINGS INC	CL A	05759B107	78,917	35,389	SH	DFND	1	35,389	0	0
BALCHEM CORP	COM	057665200	2,592,118	17,426	SH	DFND	1	17,426	0	0
BALL CORP	COM	058498106	5,633,106	97,933	SH	DFND	1	97,933	0	0
BALLY S CORP	COM	05875B106	204,416	14,664	SH	DFND	1	14,664	0	0
BANC OF CALIFORNIA INC	COM	05990K106	959,466	71,442	SH	DFND	1	71,442	0	0
BANCFIRST CORP	COM	05945F103	1,132,921	11,640	SH	DFND	1	11,640	0	0
BANCORP INC/THE	COM	05969A105	1,095,567	28,412	SH	DFND	1	28,412	0	0
BANDWIDTH INC CLASS A	COM	05988J103	168,604	11,652	SH	DFND	1	11,652	0	0

BANK FIRST CORP	COM	06211J100	402,276	4,642	SH	DFND	1	4,642	0	0
BANK OF AMERICA CORP	COM	060505104	58,881,793	1,748,791	SH	DFND	1	1,748,791	0	0
BANK OF HAWAII CORP	COM	062540109	1,548,688	21,373	SH	DFND	1	21,373	0	0
BANK OF MARIN BANCORP/CA	COM	063425102	172,284	7,824	SH	DFND	1	7,824	0	0
BANK OF N.T. BUTTERFIELDplusSON	COM	G0772R208	772,785	24,142	SH	DFND	1	24,142	0	0
BANK OF NEW YORK MELLON CORP	COM	064058100	11,518,353	221,294	SH	DFND	1	221,294	0	0
BANK OZK	COM	06417N103	7,082,537	142,134	SH	DFND	1	142,134	0	0
BANK7 CORP	COM	06652N107	50,762	1,856	SH	DFND	1	1,856	0	0
BANKUNITED INC	COM	06652K103	1,313,318	40,497	SH	DFND	1	40,497	0	0
BANKWELL FINANCIAL GROUP INC	COM	06654A103	88,337	2,927	SH	DFND	1	2,927	0	0
BANNER CORPORATION	COM	06652V208	998,466	18,642	SH	DFND	1	18,642	0	0
BAR HARBOR BANKSHARES	COM	066849100	217,998	7,425	SH	DFND	1	7,425	0	0
BARK INC	COM	68622E104	53,431	66,333	SH	DFND	1	66,333	0	0
BARNES GROUP INC	COM	067806109	872,591	26,742	SH	DFND	1	26,742	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	381,098	3,291	SH	DFND	1	3,291	0	0
BATH plus BODY WORKS INC	COM	070830104	2,574,019	59,639	SH	DFND	1	59,639	0	0
BAXTER INTERNATIONAL INC	COM	071813109	5,312,851	137,425	SH	DFND	1	137,425	0	0
BAYCOM CORP	COM	07272M107	131,326	5,567	SH	DFND	1	5,567	0	0
BCB BANCORP INC	COM	055298103	96,311	7,495	SH	DFND	1	7,495	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	2,509,309	28,836	SH	DFND	1	28,836	0	0
BEAM THERAPEUTICS INC	COM	07373V105	980,682	36,028	SH	DFND	1	36,028	0	0
BEAUTY HEALTH CO/THE	CL A	88331L108	126,487	40,671	SH	DFND	1	40,671	0	0
BEAZER HOMES USA INC	COM	07556Q881	495,192	14,655	SH	DFND	1	14,655	0	0
BECTON DICKINSON AND CO	COM	075887109	17,967,345	73,688	SH	DFND	1	73,688	0	0
BEIGENE LTD ADR	SPON ADR	07725L102	126,252	700	SH	DFND	1	700	0	0
BEL FUSE INC CL B	CL B	077347300	347,404	5,203	SH	DFND	1	5,203	0	0
BELDEN INC	COM	077454106	5,956,439	77,106	SH	DFND	1	77,106	0	0
BELLRING BRANDS INC	COM	07831C103	13,419,326	242,095	SH	DFND	1	242,095	0	0
BENCHMARK ELECTRONICS INC	COM	08160H101	532,485	19,265	SH	DFND	1	19,265	0	0
BENSON HILL INC	COM	082490103	14,964	86,101	SH	DFND	1	86,101	0	0
BENTLEY SYSTEMS INC CLASS B	CL B	08265T208	165,306	3,168	SH	DFND	1	3,168	0	0
BERKSHIRE HATHAWAY INC CL B	COM	084670702	164,827,566	462,142	SH	DFND	1	462,142	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	586,907	23,637	SH	DFND	1	23,637	0	0
BERRY CORP	COM	08579X101	263,470	37,478	SH	DFND	1	37,478	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	10,751,064	159,535	SH	DFND	1	159,535	0	0
BEST BUY CO INC	COM	086516101	3,995,020	51,035	SH	DFND	1	51,035	0	0
BEYOND AIR INC	COM	08862L103	26,344	13,441	SH	DFND	1	13,441	0	0
BEYOND INC	COM	690370101	621,142	22,432	SH	DFND	1	22,432	0	0
BEYOND MEAT INC	COM	08862E109	262,328	29,475	SH	DFND	1	29,475	0	0
BGC GROUP INC A	CL A	088929104	1,285,868	178,098	SH	DFND	1	178,098	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	67,781	10,691	SH	DFND	1	10,691	0	0

BIG LOTS INC	COM	089302103	110,244	14,152	SH	DFND	1	14,152	0	0
BIGBEAR.AI HOLDINGS INC	COM	08975B109	31,152	14,557	SH	DFND	1	14,557	0	0
BIGCOMMERCE HOLDINGS SER 1	COM SER 1	08975P108	325,128	33,415	SH	DFND	1	33,415	0	0
BIGLARI HOLDINGS INC B	COM	08986R309	60,694	368	SH	DFND	1	368	0	0
BILL HOLDINGS INC	COM	090043100	68,780	843	SH	DFND	1	843	0	0
BIO RAD LABORATORIES A	COM	090572207	1,771,375	5,486	SH	DFND	1	5,486	0	0
BIO TECHNE CORP	COM	09073M104	3,296,815	42,727	SH	DFND	1	42,727	0	0
BIOATLA INC	COM	09077B104	54,086	21,986	SH	DFND	1	21,986	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	564,360	94,217	SH	DFND	1	94,217	0	0
BIOGEN INC	COM	09062X103	13,448,018	51,969	SH	DFND	1	51,969	0	0
BIOHAVEN LTD	COM	G1110E107	1,455,414	34,005	SH	DFND	1	34,005	0	0
BIOLIFE SOLUTIONS INC	COM	09062W204	307,629	18,931	SH	DFND	1	18,931	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	166,903	1,731	SH	DFND	1	1,731	0	0
BIOMEA FUSION INC	COM	09077A106	143,385	9,875	SH	DFND	1	9,875	0	0
BIOTE CORP A	CL A	090683103	34,373	6,958	SH	DFND	1	6,958	0	0
BIOVIE INC	CL A	09074F207	7,569	6,007	SH	DFND	1	6,007	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	29,745	10,083	SH	DFND	1	10,083	0	0
BIRKENSTOCK HOLDING PLC	COM	M2029K104	15,545	319	SH	DFND	1	319	0	0
BIT DIGITAL INC	INC SHS	G1144A105	185,287	43,803	SH	DFND	1	43,803	0	0
BJ S RESTAURANTS INC	COM	09180C106	446,776	12,407	SH	DFND	1	12,407	0	0
BJ S WHOLESALE CLUB HOLDINGS	COM	05550J101	12,067,793	181,035	SH	DFND	1	181,035	0	0
BLACK HILLS CORP	COM	092113109	6,735,711	124,851	SH	DFND	1	124,851	0	0
BLACKBAUD INC	COM	09227Q100	6,892,997	79,504	SH	DFND	1	79,504	0	0
BLACKLINE INC	COM	09239B109	1,768,488	28,323	SH	DFND	1	28,323	0	0
BLACKROCK INC	COM	09247X101	35,638,832	43,901	SH	DFND	1	43,901	0	0
BLACKSKY TECHNOLOGY INC	CL A	09263B108	83,195	59,425	SH	DFND	1	59,425	0	0
BLACKSTONE INC	COM	09260D107	24,429,410	186,598	SH	DFND	1	186,598	0	0
BLACKSTONE MORTGAGE TRU CL A	CL A	09257W100	1,995,254	93,806	SH	DFND	1	93,806	0	0
BLADE AIR MOBILITY INC	CL A	092667104	105,639	29,926	SH	DFND	1	29,926	0	0
BLINK CHARGING CO	COM	09354A100	91,561	27,009	SH	DFND	1	27,009	0	0
BLOCK INC	CL A	852234103	480,730	6,215	SH	DFND	1	6,215	0	0
BLOOM ENERGY CORP A	COM	093712107	1,418,062	95,815	SH	DFND	1	95,815	0	0
BLOOMIN BRANDS INC	COM	094235108	1,341,911	47,670	SH	DFND	1	47,670	0	0
BLUE BIRD CORP	COM	095306106	339,453	12,591	SH	DFND	1	12,591	0	0
BLUE FOUNDRY BANCORP	COM	09549B104	108,875	11,259	SH	DFND	1	11,259	0	0
BLUE OWL CAPITAL INC	CL A	09581B103	64,592	4,335	SH	DFND	1	4,335	0	0
BLUE RIDGE BANKSHARES INC	COM	095825105	26,870	8,868	SH	DFND	1	8,868	0	0
BLUEBIRD BIO INC	COM	09609G100	73,408	53,194	SH	DFND	1	53,194	0	0
BLUEGREEN VACATIONS HOLDING	CL A	096308101	402,793	5,362	SH	DFND	1	5,362	0	0
BLUELINX HOLDINGS INC	COM	09624H208	476,808	4,208	SH	DFND	1	4,208	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	2,788,231	30,228	SH	DFND	1	30,228	0	0
BOEING CO/THE	COM	097023105	38,431,189	147,438	SH	DFND	1	147,438	0	0

BOISE CASCADE CO	COM	09739D100	2,796,246	21,616	SH	DFND	1	21,616	0	0
BOK FINANCIAL CORPORATION	COM	05561Q201	19,956	233	SH	DFND	1	233	0	0
BOOKING HOLDINGS INC	COM	09857L108	50,427,280	14,216	SH	DFND	1	14,216	0	0
BOOT BARN HOLDINGS INC	COM	099406100	1,245,047	16,220	SH	DFND	1	16,220	0	0
BOOZ ALLEN HAMILTON HOLDINGS	COM	099502106	277,437	2,169	SH	DFND	1	2,169	0	0
BORGWARNER INC	COM	099724106	2,209,185	61,623	SH	DFND	1	61,623	0	0
BORR DRILLING LTD	LTD SHS	G1466R173	804,551	109,314	SH	DFND	1	109,314	0	0
BOSTON BEER COMPANY INC A	COM	100557107	4,419,405	12,788	SH	DFND	1	12,788	0	0
BOSTON OMAHA CORP CL A	CL A	101044105	183,522	11,667	SH	DFND	1	11,667	0	0
BOSTON PROPERTIES INC	COM	101121101	2,663,934	37,964	SH	DFND	1	37,964	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	25,482,764	440,802	SH	DFND	1	440,802	0	0
BOWLERO CORP CLASS A	CL A	10258P102	118,774	8,388	SH	DFND	1	8,388	0	0
BOWMAN CONSULTING GROUP LTD	COM	103002101	190,600	5,366	SH	DFND	1	5,366	0	0
BOX INC CLASS A	COM	10316T104	1,795,850	70,123	SH	DFND	1	70,123	0	0
BOYD GAMING CORP	COM	103304101	5,877,576	93,876	SH	DFND	1	93,876	0	0
BRADY CORPORATION CL A	CL A	104674106	123,542	2,105	SH	DFND	1	2,105	0	0
BRAEMAR HOTELS plus RESORTS INC	COM	10482B101	81,528	32,611	SH	DFND	1	32,611	0	0
BRANDYWINE REALTY TRUST	COM	105368203	500,715	92,725	SH	DFND	1	92,725	0	0
BRAZE INC A	CL A	10576N102	1,384,515	26,059	SH	DFND	1	26,059	0	0
BRC INC A	CL A	05601U105	70,629	19,457	SH	DFND	1	19,457	0	0
BREAD FINANCIAL HOLDINGS INC	COM	018581108	890,302	27,028	SH	DFND	1	27,028	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	2,298,103	56,926	SH	DFND	1	56,926	0	0
BRIDGEWATER BANCSHARES INC	COM	108621103	137,431	10,165	SH	DFND	1	10,165	0	0
BRIGHT GREEN CORP	COM	10920G100	10,194	30,881	SH	DFND	1	30,881	0	0
BRIGHT HORIZONS FAMILY SOLUT	COM	109194100	50,324	534	SH	DFND	1	534	0	0
BRIGHTCOVE	COM	10921T101	56,198	21,698	SH	DFND	1	21,698	0	0
BRIGHTHOUSE FINANCIAL INC	COM	10922N103	4,592,874	86,789	SH	DFND	1	86,789	0	0
BRIGHTSPHERE INVESTMENT GROU	COM	10948W103	339,458	17,717	SH	DFND	1	17,717	0	0
BRIGHTSPIRE CAPITAL INC	CL A	10949T109	476,718	64,075	SH	DFND	1	64,075	0	0
BRIGHTVIEW HOLDINGS INC	COM	10948C107	173,183	20,568	SH	DFND	1	20,568	0	0
BRINK S CO/THE	COM	109696104	7,338,548	83,440	SH	DFND	1	83,440	0	0
BRINKER INTERNATIONAL INC	COM	109641100	1,031,657	23,892	SH	DFND	1	23,892	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	26,518,650	516,832	SH	DFND	1	516,832	0	0
BRISTOW GROUP INC	COM	11040G103	363,948	12,874	SH	DFND	1	12,874	0	0
BRIXMOR PROPERTY GROUP INC	COM	11120U105	9,448,225	406,026	SH	DFND	1	406,026	0	0
BROADCOM INC	COM	11135F101	179,018,594	160,375	SH	DFND	1	160,375	0	0
BROADRIDGE FINANCIAL SOLUTIO	COM	11133T103	6,686,875	32,500	SH	DFND	1	32,500	0	0
BROADSTONE NET LEASE INC	COM	11135E203	1,610,346	93,516	SH	DFND	1	93,516	0	0

BROOKDALE SENIOR LIVING INC	COM	112463104	539,427	92,685	SH	DFND	1	92,685	0	0
BROOKFIELD BUSINESS CL A	CL A	11259V106	300,871	12,924	SH	DFND	1	12,924	0	0
BROOKFIELD INFRASTRUCTURE A	CL A	11275Q107	2,103,711	59,629	SH	DFND	1	59,629	0	0
BROOKFIELD RENEWABLE COR A	CL A SUB VTG	11284V105	31,525	1,095	SH	DFND	1	1,095	0	0
BROOKLINE BANCORP INC	COM	11373M107	519,294	47,598	SH	DFND	1	47,598	0	0
BROWN plus BROWN INC	COM	115236101	4,619,234	64,959	SH	DFND	1	64,959	0	0
BROWN FORMAN CORP CLASS A	COM	115637100	44,097	740	SH	DFND	1	740	0	0
BROWN FORMAN CORP CLASS B	COM	115637209	2,812,803	49,261	SH	DFND	1	49,261	0	0
BRP GROUP INC A	COM CL A	05589G102	719,351	29,948	SH	DFND	1	29,948	0	0
BRT APARTMENTS CORP	COM	055645303	108,584	5,841	SH	DFND	1	5,841	0	0
BRUKER CORP	COM	116794108	9,280,377	126,298	SH	DFND	1	126,298	0	0
BRUNSWICK CORP	COM	117043109	8,998,234	93,005	SH	DFND	1	93,005	0	0
BUCKLE INC/THE	COM	118440106	788,357	16,590	SH	DFND	1	16,590	0	0
BUILD A BEAR WORKSHOP INC	COM	120076104	150,309	6,538	SH	DFND	1	6,538	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	5,647,580	33,830	SH	DFND	1	33,830	0	0
BUMBLE INC A	CL A	12047B105	741,864	50,330	SH	DFND	1	50,330	0	0
BUNGE GLOBAL SA	COM	H11356104	3,845,589	38,094	SH	DFND	1	38,094	0	0
BURKE plus HERBERT FINANCIAL SE	COM	12135Y108	201,217	3,199	SH	DFND	1	3,199	0	0
BURLINGTON STORES INC	COM	122017106	17,153,719	88,203	SH	DFND	1	88,203	0	0
BUSINESS FIRST BANCSHARES	COM	12326C105	294,148	11,933	SH	DFND	1	11,933	0	0
BUTTERFLY NETWORK INC	CL A	124155102	76,068	70,433	SH	DFND	1	70,433	0	0
BWX TECHNOLOGIES INC	COM	05605H100	9,490,273	123,684	SH	DFND	1	123,684	0	0
BYLINE BANCORP INC	COM	124411109	290,118	12,314	SH	DFND	1	12,314	0	0
C plus F FINANCIAL CORP	COM	12466Q104	108,422	1,590	SH	DFND	1	1,590	0	0
C.H. ROBINSON WORLDWIDE INC	COM	12541W209	2,708,672	31,354	SH	DFND	1	31,354	0	0
C3.AI INC A	CL A	12468P104	1,161,808	40,467	SH	DFND	1	40,467	0	0
CABALETTA BIO INC	COM	12674W109	388,579	17,118	SH	DFND	1	17,118	0	0
CABLE ONE INC	COM	12685J105	3,426,925	6,157	SH	DFND	1	6,157	0	0
CABOT CORP	COM	127055101	8,493,704	101,721	SH	DFND	1	101,721	0	0
CACI INTERNATIONAL INC CL A	CL A	127190304	9,744,947	30,090	SH	DFND	1	30,090	0	0
CACTUS INC A	COM	127203107	1,459,655	32,151	SH	DFND	1	32,151	0	0
CADENCE BANK	COM	12740C103	9,938,985	335,890	SH	DFND	1	335,890	0	0
CADENCE DESIGN SYS INC	COM	127387108	28,817,835	105,804	SH	DFND	1	105,804	0	0
CADIZ INC	COM	127537207	56,448	20,160	SH	DFND	1	20,160	0	0
CADRE HOLDINGS INC	COM	12763L105	317,783	9,662	SH	DFND	1	9,662	0	0
CAESARS ENTERTAINMENT INC	COM	12769G100	2,752,372	58,711	SH	DFND	1	58,711	0	0
CAL MAINE FOODS INC	COM	128030202	1,281,174	22,324	SH	DFND	1	22,324	0	0
CALAVO GROWERS INC	COM	128246105	277,601	9,439	SH	DFND	1	9,439	0	0
CALEDONIA MINING CORP PLC	PLC SHS	G1757E113	99,552	8,160	SH	DFND	1	8,160	0	0
CALERES INC	COM	129500104	567,460	18,466	SH	DFND	1	18,466	0	0
CALIFORNIA RESOURCES CORP	COM	13057Q305	2,060,561	37,684	SH	DFND	1	37,684	0	0

CALIFORNIA WATER SERVICE GRP	COM	130788102	1,631,830	31,460	SH	DFND	1	31,460	0	0
CALIX INC	COM	13100M509	4,720,005	108,034	SH	DFND	1	108,034	0	0
CALLON PETROLEUM CO	COM	13123X508	1,071,760	33,079	SH	DFND	1	33,079	0	0
CAMBIUM NETWORKS CORP	COM	G17766109	36,216	6,036	SH	DFND	1	6,036	0	0
CAMBRIDGE BANCORP	COM	132152109	262,471	3,782	SH	DFND	1	3,782	0	0
CAMDEN NATIONAL CORP	COM	133034108	267,248	7,102	SH	DFND	1	7,102	0	0
CAMDEN PROPERTY TRUST	COM	133131102	2,777,538	27,974	SH	DFND	1	27,974	0	0
CAMPBELL SOUP CO	COM	134429109	2,492,253	57,651	SH	DFND	1	57,651	0	0
CAMPING WORLD HOLDINGS INC A	COM	13462K109	545,972	20,791	SH	DFND	1	20,791	0	0
CANNAE HOLDINGS INC	COM	13765N107	666,169	34,145	SH	DFND	1	34,145	0	0
CANO HEALTH INC	CL A	13781Y202	7,608	1,296	SH	DFND	1	1,296	0	0
CANTALOUPE INC	COM	138103106	211,237	28,507	SH	DFND	1	28,507	0	0
CAPITAL BANCORP INC/MD	COM	139737100	114,418	4,728	SH	DFND	1	4,728	0	0
CAPITAL CITY BANK GROUP INC	COM	139674105	193,208	6,565	SH	DFND	1	6,565	0	0
CAPITAL ONE FINANCIAL CORP	COM	14040H105	13,655,492	104,145	SH	DFND	1	104,145	0	0
CAPITOL FEDERAL FINANCIAL IN	COM	14057J101	447,869	69,437	SH	DFND	1	69,437	0	0
CAPRI HOLDINGS LTD	COM	G1890L107	7,885,721	156,961	SH	DFND	1	156,961	0	0
CAPSTAR FINANCIAL HOLDINGS I	COM	14070T102	178,086	9,503	SH	DFND	1	9,503	0	0
CARA THERAPEUTICS INC	COM	140755109	17,273	23,248	SH	DFND	1	23,248	0	0
CARDINAL HEALTH INC	COM	14149Y108	6,625,786	65,732	SH	DFND	1	65,732	0	0
CARDLYTICS INC	COM	14161W105	167,327	18,168	SH	DFND	1	18,168	0	0
CAREDX INC	COM	14167L103	310,476	25,873	SH	DFND	1	25,873	0	0
CAREMAX INC	CL A	14171W103	18,610	37,355	SH	DFND	1	37,355	0	0
CARETRUST REIT INC	COM	14174T107	1,240,188	55,415	SH	DFND	1	55,415	0	0
CARGURUS INC	COM	141788109	1,272,483	52,669	SH	DFND	1	52,669	0	0
CARIBOU BIOSCIENCES INC	COM	142038108	233,171	40,693	SH	DFND	1	40,693	0	0
CARISMA THERAPEUTICS INC	COM	14216R101	38,831	13,253	SH	DFND	1	13,253	0	0
CARLISLE COS INC	COM	142339100	20,544,460	65,757	SH	DFND	1	65,757	0	0
CARLYLE GROUP INC/THE	COM	14316J108	11,896,413	292,367	SH	DFND	1	292,367	0	0
CARMAX INC	COM	143130102	3,198,370	41,678	SH	DFND	1	41,678	0	0
CARNIVAL CORP	COM	143658300	5,054,671	272,636	SH	DFND	1	272,636	0	0
CARPARTS.COM INC	COM	14427M107	85,503	27,058	SH	DFND	1	27,058	0	0
CARPENTER TECHNOLOGY	COM	144285103	1,887,032	26,653	SH	DFND	1	26,653	0	0
CARRIAGE SERVICES INC	COM	143905107	166,717	6,666	SH	DFND	1	6,666	0	0
CARRIER GLOBAL CORP	COM	14448C104	12,914,243	224,791	SH	DFND	1	224,791	0	0
CARROLS RESTAURANT GROUP INC	COM	14574X104	143,952	18,268	SH	DFND	1	18,268	0	0
CARS.COM INC	COM	14575E105	682,579	35,982	SH	DFND	1	35,982	0	0
CARTER BANKSHARES INC	COM	146103106	168,907	11,283	SH	DFND	1	11,283	0	0
CARTER S INC	COM	146229109	3,724,654	49,735	SH	DFND	1	49,735	0	0
CARTESIAN THERAPEUTICS INC	COM	816212104	40,260	58,398	SH	DFND	1	58,398	0	0
CARVANA CO	COM	146869102	2,526,297	47,720	SH	DFND	1	47,720	0	0

CASELLA WASTE SYSTEMS INC A	COM	147448104	2,400,144	28,085	SH	DFND	1	28,085	0	0
CASEY S GENERAL STORES INC	COM	147528103	13,842,775	50,385	SH	DFND	1	50,385	0	0
CASS INFORMATION SYSTEMS INC	COM	14808P109	306,565	6,805	SH	DFND	1	6,805	0	0
CASSAVA SCIENCES INC	COM	14817C107	445,000	19,769	SH	DFND	1	19,769	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	266,491	12,349	SH	DFND	1	12,349	0	0
CATALENT INC	COM	148806102	2,229,741	49,627	SH	DFND	1	49,627	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	918,229	54,624	SH	DFND	1	54,624	0	0
CATERPILLAR INC	COM	149123101	45,163,297	152,749	SH	DFND	1	152,749	0	0
CATHAY GENERAL BANCORP	COM	149150104	1,693,437	37,995	SH	DFND	1	37,995	0	0
CATO CORP CLASS A	COM	149205106	61,775	8,652	SH	DFND	1	8,652	0	0
CAVA GROUP INC	COM	148929102	10,358	241	SH	DFND	1	241	0	0
CAVCO INDUSTRIES INC	COM	149568107	1,634,660	4,716	SH	DFND	1	4,716	0	0
CBIZ INC	COM	124805102	1,492,146	23,840	SH	DFND	1	23,840	0	0
CBL plus ASSOCIATES PROPERTIES	COM	124830878	326,764	13,381	SH	DFND	1	13,381	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	5,086,282	28,485	SH	DFND	1	28,485	0	0
CBRE GROUP INC A	COM	12504L109	10,169,245	109,241	SH	DFND	1	109,241	0	0
CCC INTELLIGENT SOLUTIONS HO	COM	12510Q100	18,839	1,654	SH	DFND	1	1,654	0	0
CDW CORP/DE	COM	12514G108	10,508,549	46,228	SH	DFND	1	46,228	0	0
CECO ENVIRONMENTAL CORP	COM	125141101	299,353	14,761	SH	DFND	1	14,761	0	0
CELANESE CORP	COM	150870103	4,264,751	27,449	SH	DFND	1	27,449	0	0
CELCUITY INC	COM	15102K100	126,351	8,672	SH	DFND	1	8,672	0	0
CELLDEX THERAPEUTICS INC	COM	15117B202	915,908	23,094	SH	DFND	1	23,094	0	0
CELSIUS HOLDINGS INC	COM	15118V207	10,985,344	201,492	SH	DFND	1	201,492	0	0
CENCORA INC	COM	03073E105	9,258,736	45,081	SH	DFND	1	45,081	0	0
CENTENE CORP	COM	15135B101	12,366,503	166,642	SH	DFND	1	166,642	0	0
CENTERPOINT ENERGY INC	COM	15189T107	4,728,992	165,523	SH	DFND	1	165,523	0	0
CENTERSPACE	COM	15202L107	478,637	8,224	SH	DFND	1	8,224	0	0
CENTRAL GARDEN plus PET CO	COM	153527106	262,526	5,239	SH	DFND	1	5,239	0	0
CENTRAL GARDEN AND PET CO A	COM	153527205	947,256	21,509	SH	DFND	1	21,509	0	0
CENTRAL PACIFIC FINANCIAL CO	COM	154760409	284,986	14,481	SH	DFND	1	14,481	0	0
CENTRAL VALLEY COMM BANCORP	COM	155685100	110,990	4,966	SH	DFND	1	4,966	0	0
CENTRUS ENERGY CORP CLASS A	CL A	15643U104	332,173	6,105	SH	DFND	1	6,105	0	0
CENTURY ALUMINUM COMPANY	COM	156431108	347,155	28,596	SH	DFND	1	28,596	0	0
CENTURY CASINOS INC	COM	156492100	66,719	13,672	SH	DFND	1	13,672	0	0
CENTURY COMMUNITIES INC	COM	156504300	1,410,665	15,478	SH	DFND	1	15,478	0	0
CENTURY THERAPEUTICS INC	COM	15673T100	38,655	11,643	SH	DFND	1	11,643	0	0
CERENCE INC	COM	156727109	431,498	21,948	SH	DFND	1	21,948	0	0
CEREVEL THERAPEUTICS HOLDING	COM	15678U128	1,473,315	34,748	SH	DFND	1	34,748	0	0
CERIDIAN HCM HOLDING INC	COM	15677J108	2,816,959	41,969	SH	DFND	1	41,969	0	0

CERTARA INC	COM	15687V109	112,330	6,386	SH	DFND	1	6,386	0	0
CERUS CORP	COM	157085101	190,521	88,204	SH	DFND	1	88,204	0	0
CEVA INC	COM	157210105	287,599	12,664	SH	DFND	1	12,664	0	0
CF INDUSTRIES HOLDINGS INC	COM	125269100	4,082,087	51,347	SH	DFND	1	51,347	0	0
CHAMPIONX CORP	COM	15872M104	10,484,287	358,928	SH	DFND	1	358,928	0	0
CHARGE ENTERPRISES INC	COM	159610104	7,716	67,629	SH	DFND	1	67,629	0	0
CHARGEPOINT HOLDINGS INC	CL A	15961R105	12,149	5,192	SH	DFND	1	5,192	0	0
CHARLES RIVER LABORATORIES	COM	159864107	3,178,871	13,447	SH	DFND	1	13,447	0	0
CHART INDUSTRIES INC	COM	16115Q308	10,600,203	77,754	SH	DFND	1	77,754	0	0
CHARTER COMMUNICATIONS INC A	COM	16119P108	15,464,022	39,786	SH	DFND	1	39,786	0	0
CHATHAM LODGING TRUST	COM	16208T102	281,572	26,266	SH	DFND	1	26,266	0	0
CHECK POINT SOFTWARE TECH	COM	M22465104	2,633,336	17,235	SH	DFND	1	17,235	0	0
CHEESECAKE FACTORY INC/THE	COM	163072101	921,568	26,323	SH	DFND	1	26,323	0	0
CHEFS WAREHOUSE INC/THE	COM	163086101	564,055	19,166	SH	DFND	1	19,166	0	0
CHEGG INC	COM	163092109	643,271	56,626	SH	DFND	1	56,626	0	0
CHEMED CORP	COM	16359R103	11,948,197	20,433	SH	DFND	1	20,433	0	0
CHEMOURS CO/THE	COM	163851108	6,323,991	200,507	SH	DFND	1	200,507	0	0
CHEMUNG FINANCIAL CORP	COM	164024101	86,702	1,741	SH	DFND	1	1,741	0	0
CHENIERE ENERGY INC	COM	16411R208	692,400	4,056	SH	DFND	1	4,056	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	11,587,549	150,605	SH	DFND	1	150,605	0	0
CHESAPEAKE UTILITIES CORP	COM	165303108	1,225,414	11,601	SH	DFND	1	11,601	0	0
CHEVRON CORP	COM	166764100	80,061,481	536,749	SH	DFND	1	536,749	0	0
CHICAGO ATLANTIC REAL ESTATE	COM	167239102	131,673	8,138	SH	DFND	1	8,138	0	0
CHICO S FAS INC	COM	168615102	497,551	65,640	SH	DFND	1	65,640	0	0
CHILDREN S PLACE INC/THE	COM	168905107	137,695	5,930	SH	DFND	1	5,930	0	0
CHIMERA INVESTMENT CORP	COM	16934Q208	564,569	113,140	SH	DFND	1	113,140	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	16,692,521	7,299	SH	DFND	1	7,299	0	0
CHOICE HOTELS INTL INC	COM	169905106	3,844,722	33,934	SH	DFND	1	33,934	0	0
CHOICEONE FINANCIAL SVCS INC	COM	170386106	101,730	3,472	SH	DFND	1	3,472	0	0
CHORD ENERGY CORP	COM	674215207	12,672,710	76,236	SH	DFND	1	76,236	0	0
CHUBB LTD	COM	H1467J104	31,326,312	138,612	SH	DFND	1	138,612	0	0
CHURCH plus DWIGHT CO INC	COM	171340102	8,673,611	91,726	SH	DFND	1	91,726	0	0
CHURCHILL DOWNS INC	COM	171484108	12,459,031	92,337	SH	DFND	1	92,337	0	0
CHUY S HOLDINGS INC	COM	171604101	374,463	9,795	SH	DFND	1	9,795	0	0
CIA DE MINAS BUENAVENTUR ADR	ADR	204448104	35,433	2,325	SH	DFND	1	2,325	0	0
CIENA CORP	COM	171779309	8,988,722	199,705	SH	DFND	1	199,705	0	0
CIMPRESS PLC	SHS EURO	G2143T103	716,928	8,956	SH	DFND	1	8,956	0	0
CINCINNATI FINANCIAL CORP	COM	172062101	4,253,965	41,117	SH	DFND	1	41,117	0	0
CINEMARK HOLDINGS INC	COM	17243V102	840,483	59,651	SH	DFND	1	59,651	0	0
CINTAS CORP	COM	172908105	22,168,245	36,784	SH	DFND	1	36,784	0	0

CIPHER MINING INC	COM	17253J106	86,342	20,906	SH	DFND	1	20,906	0	0
CIRRUS LOGIC INC	COM	172755100	6,057,480	72,815	SH	DFND	1	72,815	0	0
CISCO SYSTEMS INC	COM	17275R102	75,822,588	1,500,843	SH	DFND	1	1,500,843	0	0
CITIGROUP INC	COM	172967424	25,006,476	486,129	SH	DFND	1	486,129	0	0
CITIUS PHARMACEUTICALS INC	COM	17322U207	46,211	61,085	SH	DFND	1	61,085	0	0
CITIZENS plus NORTHERN CORP	COM	172922106	166,700	7,432	SH	DFND	1	7,432	0	0
CITIZENS FINANCIAL GROUP	COM	174610105	4,051,332	122,249	SH	DFND	1	122,249	0	0
CITIZENS FINANCIAL SERVICES	COM	174615104	121,997	1,885	SH	DFND	1	1,885	0	0
CITY HOLDING CO	COM	177835105	892,224	8,092	SH	DFND	1	8,092	0	0
CITY OFFICE REIT INC	COM	178587101	118,491	19,393	SH	DFND	1	19,393	0	0
CIVISTA BANCSHARES INC	COM	178867107	141,711	7,685	SH	DFND	1	7,685	0	0
CIVITAS RESOURCES INC	COM	17888H103	10,584,403	154,788	SH	DFND	1	154,788	0	0
CLARIVATE PLC	ORD SHS	G21810109	35,827	3,869	SH	DFND	1	3,869	0	0
CLAROS MORTGAGE TRUST INC	COM	18270D106	615,285	45,142	SH	DFND	1	45,142	0	0
CLARUS CORP	COM	18270P109	100,322	14,550	SH	DFND	1	14,550	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	323,057	84,349	SH	DFND	1	84,349	0	0
CLEAN HARBORS INC	COM	184496107	11,871,566	68,028	SH	DFND	1	68,028	0	0
CLEANSARK INC	COM	18452B209	821,272	74,458	SH	DFND	1	74,458	0	0
CLEAR CHANNEL OUTDOOR HOLDIN	COM	18453H106	339,392	186,479	SH	DFND	1	186,479	0	0
CLEAR SECURE INC CLASS A	CL A	18467V109	844,027	40,873	SH	DFND	1	40,873	0	0
CLEARFIELD INC	COM	18482P103	189,224	6,507	SH	DFND	1	6,507	0	0
CLEARPOINT NEURO INC	COM	18507C103	77,365	11,394	SH	DFND	1	11,394	0	0
CLEARWATER PAPER CORP	COM	18538R103	321,612	8,904	SH	DFND	1	8,904	0	0
CLEARWAY ENERGY INC A	COM	18539C105	48,858	1,910	SH	DFND	1	1,910	0	0
CLEARWAY ENERGY INC C	COM	18539C204	124,587	4,542	SH	DFND	1	4,542	0	0
CLEVELAND CLIFFS INC	COM	185899101	13,924,337	681,897	SH	DFND	1	681,897	0	0
CLIMB GLOBAL SOLUTIONS INC	COM	946760105	113,334	2,067	SH	DFND	1	2,067	0	0
CLIPPER REALTY INC	COM	18885T306	30,710	5,687	SH	DFND	1	5,687	0	0
CLOROX COMPANY	COM	189054109	4,789,456	33,589	SH	DFND	1	33,589	0	0
CLOUDFLARE INC CLASS A	COM	18915M107	409,556	4,919	SH	DFND	1	4,919	0	0
CME GROUP INC	COM	12572Q105	23,849,818	113,247	SH	DFND	1	113,247	0	0
CMS ENERGY CORP	COM	125896100	4,442,355	76,500	SH	DFND	1	76,500	0	0
CNA FINANCIAL CORP	COM	126117100	9,054	214	SH	DFND	1	214	0	0
CNB FINANCIAL CORP/PA	COM	126128107	230,554	10,206	SH	DFND	1	10,206	0	0
CNH INDUSTRIAL NV	N V SHS	N20944109	97,903	8,038	SH	DFND	1	8,038	0	0
CNO FINANCIAL GROUP INC	COM	12621E103	5,755,937	206,306	SH	DFND	1	206,306	0	0
CNX RESOURCES CORP	COM	12653C108	5,823,740	291,187	SH	DFND	1	291,187	0	0
COASTAL FINANCIAL CORP/WA	COM	19046P209	238,926	5,380	SH	DFND	1	5,380	0	0
COCA COLA CO/THE	COM	191216100	59,312,456	1,006,490	SH	DFND	1	1,006,490	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	8,046,443	8,667	SH	DFND	1	8,667	0	0

COCA COLA EURO PACIFIC PARTNE	COM	G25839104	6,031,961	90,380	SH	DFND	1	90,380	0	0
CODEXIS INC	COM	192005106	105,689	34,652	SH	DFND	1	34,652	0	0
CODORUS VALLEY BANCORP INC	COM	192025104	119,171	4,637	SH	DFND	1	4,637	0	0
COEUR MINING INC	COM	192108504	536,860	164,681	SH	DFND	1	164,681	0	0
COGENT BIOSCIENCES INC	COM	19240Q201	242,773	41,288	SH	DFND	1	41,288	0	0
COGENT COMMUNICATIONS HOLDIN	COM	19239V302	1,810,684	23,806	SH	DFND	1	23,806	0	0
COGNEX CORP	COM	192422103	9,705,760	232,529	SH	DFND	1	232,529	0	0
COGNIZANT TECH SOLUTIONS A	COM	192446102	14,888,549	197,121	SH	DFND	1	197,121	0	0
COHEN plus STEERS INC	COM	19247A100	979,492	12,934	SH	DFND	1	12,934	0	0
COHERENT CORP	COM	19247G107	7,748,427	178,002	SH	DFND	1	178,002	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	165,198	49,609	SH	DFND	1	49,609	0	0
COHU INC	COM	192576106	900,782	25,453	SH	DFND	1	25,453	0	0
COINBASE GLOBAL INC CLASS A	CL A	19260Q107	242,271	1,393	SH	DFND	1	1,393	0	0
COLGATE PALMOLIVE CO	COM	194162103	16,976,476	212,978	SH	DFND	1	212,978	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	577,525	18,763	SH	DFND	1	18,763	0	0
COLONY BANKCORP	COM	19623P101	109,166	8,208	SH	DFND	1	8,208	0	0
COLUMBIA BANKING SYSTEM INC	COM	197236102	7,516,610	281,732	SH	DFND	1	281,732	0	0
COLUMBIA FINANCIAL INC	COM	197641103	284,669	14,765	SH	DFND	1	14,765	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	3,706,087	46,594	SH	DFND	1	46,594	0	0
COLUMBUS MCKINNON CORP/NY	COM	199333105	547,529	14,032	SH	DFND	1	14,032	0	0
COMCAST CORP CLASS A	COM	20030N101	65,768,993	1,499,863	SH	DFND	1	1,499,863	0	0
COMERICA INC	COM	200340107	1,929,798	34,578	SH	DFND	1	34,578	0	0
COMFORT SYSTEMS USA INC	COM	199908104	13,483,520	65,559	SH	DFND	1	65,559	0	0
COMMERCE BANCSHARES INC	COM	200525103	8,568,246	160,424	SH	DFND	1	160,424	0	0
COMMERCIAL METALS CO	COM	201723103	10,770,159	215,231	SH	DFND	1	215,231	0	0
COMMERCIAL VEHICLE GROUP INC	COM	202608105	113,282	16,160	SH	DFND	1	16,160	0	0
COMMSCOPE HOLDING CO INC	COM	20337X109	293,658	104,134	SH	DFND	1	104,134	0	0
COMMUNITY BANK SYSTEM INC	COM	203607106	1,511,086	28,998	SH	DFND	1	28,998	0	0
COMMUNITY HEALTH SYSTEMS INC	COM	203668108	195,616	62,497	SH	DFND	1	62,497	0	0
COMMUNITY HEALTHCARE TRUST I	COM	20369C106	385,294	14,463	SH	DFND	1	14,463	0	0
COMMUNITY TRUST BANCORP INC	COM	204149108	338,950	7,728	SH	DFND	1	7,728	0	0
COMMVAULT SYSTEMS INC	COM	204166102	6,444,853	80,712	SH	DFND	1	80,712	0	0
COMPASS DIVERSIFIED HOLDINGS	SH BEN INT	20451Q104	705,334	31,418	SH	DFND	1	31,418	0	0
COMPASS INC CLASS A	CL A	20464U100	532,314	141,573	SH	DFND	1	141,573	0	0
COMPASS MINERALS INTERNATION	COM	20451N101	471,509	18,622	SH	DFND	1	18,622	0	0
COMPASS THERAPEUTICS INC	COM	20454B104	70,762	45,360	SH	DFND	1	45,360	0	0
COMPOSECURE INC	CL A	20459V105	44,134	8,173	SH	DFND	1	8,173	0	0

COMPUTER PROGRAMS plus SYSTEMS	COM	205306103	79,542	7,102	SH	DFND	1	7,102	0	0
COMPX INTERNATIONAL INC	COM	20563P101	19,137	757	SH	DFND	1	757	0	0
COMSTOCK RESOURCES INC	COM	205768302	442,792	50,033	SH	DFND	1	50,033	0	0
COMTECH TELECOMMUNICATIONS	COM	205826209	114,328	13,562	SH	DFND	1	13,562	0	0
CONAGRA BRANDS INC	COM	205887102	3,591,614	125,318	SH	DFND	1	125,318	0	0
CONCENTRIX CORP	COM	20602D101	6,270,316	63,846	SH	DFND	1	63,846	0	0
CONCRETE PUMPING HOLDINGS IN	COM	206704108	104,378	12,729	SH	DFND	1	12,729	0	0
CONDUENT INC	COM	206787103	312,305	85,563	SH	DFND	1	85,563	0	0
CONFLUENT INC CLASS A	CL A	20717M103	73,265	3,131	SH	DFND	1	3,131	0	0
CONMED CORP	COM	207410101	1,827,612	16,689	SH	DFND	1	16,689	0	0
CONNECTONE BANCORP INC	COM	20786W107	417,329	18,216	SH	DFND	1	18,216	0	0
CONOCOPHILLIPS	COM	20825C104	42,776,438	368,540	SH	DFND	1	368,540	0	0
CONSENSUS CLOUD SOLUTION	COM	20848V105	277,276	10,579	SH	DFND	1	10,579	0	0
CONSOL ENERGY INC	COM	20854L108	1,659,650	16,509	SH	DFND	1	16,509	0	0
CONSOLIDATED COMMUNICATIONS	COM	209034107	181,091	41,630	SH	DFND	1	41,630	0	0
CONSOLIDATED EDISON INC	COM	209115104	11,316,304	124,396	SH	DFND	1	124,396	0	0
CONSOLIDATED WATER CO ORD SH	ORD SHS	G23773107	266,181	7,477	SH	DFND	1	7,477	0	0
CONSTELLATION BRANDS INC A	COM	21036P108	9,924,321	41,052	SH	DFND	1	41,052	0	0
CONSTELLATION ENERGY	COM	21037T109	12,587,066	107,683	SH	DFND	1	107,683	0	0
CONSTELLIUM SE	CL A	F21107101	1,279,117	64,084	SH	DFND	1	64,084	0	0
CONSTRUCTION PARTNERS INC A	COM	21044C107	869,704	19,984	SH	DFND	1	19,984	0	0
CONSUMER PORTFOLIO SERVICES	COM	210502100	39,757	4,243	SH	DFND	1	4,243	0	0
CONTANGO ORE INC	COM	21077F100	70,104	3,871	SH	DFND	1	3,871	0	0
CONTEXTLOGIC INC A	CL A	21077C305	66,420	11,163	SH	DFND	1	11,163	0	0
COOPER COS INC/THE	COM	216648402	5,006,383	13,229	SH	DFND	1	13,229	0	0
COOPER STANDARD HOLDING	COM	21676P103	164,234	8,405	SH	DFND	1	8,405	0	0
COPART INC	COM	217204106	17,086,055	348,695	SH	DFND	1	348,695	0	0
COPT DEFENSE PROPERTIES	COM	22002T108	5,310,357	207,193	SH	DFND	1	207,193	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	1,433,342	44,130	SH	DFND	1	44,130	0	0
CORE plus MAIN INC CLASS A	CL A	21874C102	7,459,444	184,594	SH	DFND	1	184,594	0	0
CORE LABORATORIES INC	COM	21867A105	450,507	25,510	SH	DFND	1	25,510	0	0
CORE MOLDING TECHNOLOGIES IN	COM	218683100	67,394	3,637	SH	DFND	1	3,637	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	40,742	1,881	SH	DFND	1	1,881	0	0
COREBRIDGE FINANCIAL INC	COM	21871X109	7,022,250,756	324,203,636	SH	SOLE		324,203,636	0	0
CORECARD CORP	COM	45816D100	49,774	3,599	SH	DFND	1	3,599	0	0
CORECIVIC INC	COM	21871N101	899,233	61,888	SH	DFND	1	61,888	0	0
CORMEDIX INC	COM	21900C308	102,719	27,319	SH	DFND	1	27,319	0	0
CORNING INC	COM	219350105	6,329,337	207,860	SH	DFND	1	207,860	0	0
CORSAIR GAMING INC	COM	22041X102	287,696	20,404	SH	DFND	1	20,404	0	0

CORTEVA INC	COM	22052L104	8,859,066	184,872	SH	DFND	1	184,872	0	0
CORVEL CORP	COM	221006109	1,177,214	4,762	SH	DFND	1	4,762	0	0
COSTAMARE INC	COM	Y1771G102	240,471	23,100	SH	DFND	1	23,100	0	0
COSTAR GROUP INC	COM	22160N109	14,123,884	161,619	SH	DFND	1	161,619	0	0
COSTCO WHOLESALE CORP	COM	22160K105	96,006,656	145,447	SH	DFND	1	145,447	0	0
COTERRA ENERGY INC	COM	127097103	5,184,005	203,135	SH	DFND	1	203,135	0	0
COTY INC CL A	CL A	222070203	6,283,054	505,882	SH	DFND	1	505,882	0	0
COUCHBASE INC	COM	22207T101	389,551	17,298	SH	DFND	1	17,298	0	0
COUPANG INC	CL A	22266T109	300,211	18,543	SH	DFND	1	18,543	0	0
COURSERA INC	COM	22266M104	1,254,246	64,752	SH	DFND	1	64,752	0	0
COUSINS PROPERTIES INC	COM	222795502	4,991,945	205,008	SH	DFND	1	205,008	0	0
COVENANT LOGISTICS GROUP INC	CL A	22284P105	190,652	4,141	SH	DFND	1	4,141	0	0
CPI CARD GROUP INC	COM	12634H200	40,606	2,116	SH	DFND	1	2,116	0	0
CRA INTERNATIONAL INC	COM	12618T105	334,113	3,380	SH	DFND	1	3,380	0	0
CRACKER BARREL OLD COUNTRY	COM	22410J106	926,039	12,014	SH	DFND	1	12,014	0	0
CRANE CO	COM	224408104	7,794,168	65,974	SH	DFND	1	65,974	0	0
CRANE NXT CO	COM	224441105	3,708,436	65,209	SH	DFND	1	65,209	0	0
CRAWFORD plus COMPANY CL A	CL A	224633206	94,936	7,203	SH	DFND	1	7,203	0	0
CREDICORP LTD	COM	G2519Y108	135,987	907	SH	DFND	1	907	0	0
CREDIT ACCEPTANCE CORP	COM	225310101	27,702	52	SH	DFND	1	52	0	0
CREDO TECHNOLOGY GROUP HOLDI	ORD SHS	G25457105	1,110,647	57,044	SH	DFND	1	57,044	0	0
CRESCENT ENERGY INC A	CL A	44952J104	506,366	38,332	SH	DFND	1	38,332	0	0
CRH PLC	PLC ORD	G25508105	7,911,627	114,396	SH	DFND	1	114,396	0	0
CRICUT INC CLASS A	CL A	22658D100	156,697	23,778	SH	DFND	1	23,778	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	1,154,820	32,457	SH	DFND	1	32,457	0	0
CROCS INC	COM	227046109	7,691,660	82,343	SH	DFND	1	82,343	0	0
CROSS COUNTRY HEALTHCARE INC	COM	227483104	422,621	18,667	SH	DFND	1	18,667	0	0
CROSSFIRST BANKSHARES INC	COM	22766M109	305,224	22,476	SH	DFND	1	22,476	0	0
CROWDSTRIKE HOLDINGS INC A	CL A	22788C105	4,961,123	19,431	SH	DFND	1	19,431	0	0
CROWN CASTLE INC	COM	22822V101	13,187,988	114,489	SH	DFND	1	114,489	0	0
CROWN HOLDINGS INC	COM	228368106	14,996,488	162,846	SH	DFND	1	162,846	0	0
CRYOPORT INC	COM	229050307	333,221	21,512	SH	DFND	1	21,512	0	0
CS DISCO INC	COM	126327105	85,258	11,233	SH	DFND	1	11,233	0	0
CSG SYSTEMS INTL INC	COM	126349109	907,816	17,061	SH	DFND	1	17,061	0	0
CSW INDUSTRIALS INC	COM	126402106	1,590,005	7,666	SH	DFND	1	7,666	0	0
CSX CORP	COM	126408103	25,289,407	729,432	SH	DFND	1	729,432	0	0
CTO REALTY GROWTH INC	COM	22948Q101	189,348	10,926	SH	DFND	1	10,926	0	0
CTS CORP	COM	126501105	737,981	16,872	SH	DFND	1	16,872	0	0
CUBESMART	COM	229663109	14,077,654	303,725	SH	DFND	1	303,725	0	0
CUE BIOPHARMA INC	COM	22978P106	47,224	17,888	SH	DFND	1	17,888	0	0
CULLEN/FROST BANKERS INC	COM	229899109	9,381,456	86,473	SH	DFND	1	86,473	0	0
CULLINAN ONCOLOGY INC	COM	230031106	130,962	12,852	SH	DFND	1	12,852	0	0
CULLINAN ONCOLOGY INC	COM	230031106	12,469,625	1,223,712	SH	DFND	2	1,223,712	0	0

CUMMINS INC	COM	231021106	8,904,577	37,169	SH	DFND	1	37,169	0	0
CURTISS WRIGHT CORP	COM	231561101	11,508,217	51,655	SH	DFND	1	51,655	0	0
CUSHMAN plus WAKEFIELD PLC	COM	G2717B108	977,465	90,506	SH	DFND	1	90,506	0	0
CUSTOM TRUCK ONE SOURCE INC	CL A	23204X103	174,288	28,202	SH	DFND	1	28,202	0	0
CUSTOMERS BANCORP INC	COM	23204G100	896,510	15,559	SH	DFND	1	15,559	0	0
CUTERA INC	COM	232109108	32,102	9,107	SH	DFND	1	9,107	0	0
CVB FINANCIAL CORP	COM	126600105	1,461,857	72,405	SH	DFND	1	72,405	0	0
CVR ENERGY INC	COM	12662P108	488,224	16,113	SH	DFND	1	16,113	0	0
CVRX INC	COM	126638105	173,800	5,528	SH	DFND	1	5,528	0	0
CVS HEALTH CORP	COM	126650100	25,759,831	326,239	SH	DFND	1	326,239	0	0
CXAPP INC	CL A	23248B109	1,402	1,087	SH	DFND	1	1,087	0	0
CYBERARK SOFTWARE LTD/ISRAEL	COM	M2682V108	1,639,370	7,484	SH	DFND	1	7,484	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	1,329,050	56,268	SH	DFND	1	56,268	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	591,806	64,891	SH	DFND	1	64,891	0	0
CYTOKINETICS INC	COM	23282W605	4,249,641	50,900	SH	DFND	1	50,900	0	0
DAILY JOURNAL CORP	COM	233912104	227,668	668	SH	DFND	1	668	0	0
DAKOTA GOLD CORP	COM	46655E100	73,245	27,956	SH	DFND	1	27,956	0	0
DAKTRONICS INC	COM	234264109	158,890	18,737	SH	DFND	1	18,737	0	0
DANA INC	COM	235825205	1,035,615	70,884	SH	DFND	1	70,884	0	0
DANAHER CORP	COM	235851102	43,261,737	187,005	SH	DFND	1	187,005	0	0
DANIMER SCIENTIFIC INC	CL A	236272100	44,492	43,620	SH	DFND	1	43,620	0	0
DAQO NEW ENERGY CORP ADR	SPNSRD ADS	23703Q203	19,950	750	SH	DFND	1	750	0	0
DARDEN RESTAURANTS INC	COM	237194105	5,821,149	35,430	SH	DFND	1	35,430	0	0
DARLING INGREDIENTS INC	COM	237266101	10,739,673	215,483	SH	DFND	1	215,483	0	0
DASEKE INC	COM	23753F107	165,434	20,424	SH	DFND	1	20,424	0	0
DATADOG INC CLASS A	COM	23804L103	3,109,634	25,619	SH	DFND	1	25,619	0	0
DAVE plus BUSTER S ENTERTAINMEN	COM	238337109	1,054,975	19,591	SH	DFND	1	19,591	0	0
DAVITA INC	COM	23918K108	1,566,372	14,952	SH	DFND	1	14,952	0	0
DAY ONE BIOPHARMACEUTICALS I	COM	23954D109	454,673	31,142	SH	DFND	1	31,142	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	428,510	26,566	SH	DFND	1	26,566	0	0
DECKERS OUTDOOR CORP	COM	243537107	23,387,697	34,989	SH	DFND	1	34,989	0	0
DEERE plus CO	COM	244199105	31,934,018	79,861	SH	DFND	1	79,861	0	0
DEFINITIVE HEALTHCARE CORP	CL A	24477E103	229,385	23,077	SH	DFND	1	23,077	0	0
DELEK US HOLDINGS INC	COM	24665A103	825,703	32,004	SH	DFND	1	32,004	0	0
DELTA AIR LINES INC	COM	247361702	7,285,935	181,107	SH	DFND	1	181,107	0	0
DELUXE CORP	COM	248019101	508,344	23,699	SH	DFND	1	23,699	0	0
DENALI THERAPEUTICS INC	COM	24823R105	1,260,239	58,725	SH	DFND	1	58,725	0	0
DENNY S CORP	COM	24869P104	277,516	25,507	SH	DFND	1	25,507	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,977,060	55,551	SH	DFND	1	55,551	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	43,166	16,289	SH	DFND	1	16,289	0	0
DESIGNER BRANDS INC CLASS A	COM	250565108	208,205	23,526	SH	DFND	1	23,526	0	0

DESKTOP METAL INC A	CL A	25058X105	104,722	139,443	SH	DFND	1	139,443	0	0
DESTINATION XL GROUP INC	COM	25065K104	122,954	27,944	SH	DFND	1	27,944	0	0
DEVON ENERGY CORP	COM	25179M103	7,610,944	168,012	SH	DFND	1	168,012	0	0
DEXCOM INC	COM	252131107	17,986,473	144,947	SH	DFND	1	144,947	0	0
DHI GROUP INC	COM	23331S100	55,123	21,283	SH	DFND	1	21,283	0	0
DHT HOLDINGS INC	COM	Y2065G121	669,219	68,218	SH	DFND	1	68,218	0	0
DIAMOND HILL INVESTMENT GRP	COM	25264R207	225,699	1,363	SH	DFND	1	1,363	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C201	657,826	50,602	SH	DFND	1	50,602	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	9,538,506	61,507	SH	DFND	1	61,507	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	1,074,601	114,441	SH	DFND	1	114,441	0	0
DICK S SPORTING GOODS INC	COM	253393102	12,202,287	83,037	SH	DFND	1	83,037	0	0
DIGI INTERNATIONAL INC	COM	253798102	498,368	19,168	SH	DFND	1	19,168	0	0
DIGIMARC CORP	COM	25381B101	255,296	7,068	SH	DFND	1	7,068	0	0
DIGITAL REALTY TRUST INC	COM	253868103	10,996,263	81,708	SH	DFND	1	81,708	0	0
DIGITAL TURBINE INC	COM	25400W102	355,883	51,878	SH	DFND	1	51,878	0	0
DIGITALBRIDGE GROUP INC	CL A	25401T603	1,411,567	80,477	SH	DFND	1	80,477	0	0
DIGITALOCEAN HOLDINGS INC	COM	25402D102	1,156,982	31,534	SH	DFND	1	31,534	0	0
DILLARDS INC CL A	CL A	254067101	697,911	1,729	SH	DFND	1	1,729	0	0
DIME COMMUNITY BANCSHARES IN	COM	25432X102	512,586	19,034	SH	DFND	1	19,034	0	0
DINE BRANDS GLOBAL INC	COM	254423106	418,351	8,426	SH	DFND	1	8,426	0	0
DIODES INC	COM	254543101	1,982,563	24,622	SH	DFND	1	24,622	0	0
DISC MEDICINE INC	COM	254604101	256,685	4,444	SH	DFND	1	4,444	0	0
DISCOVER FINANCIAL SERVICES	COM	254709108	7,551,144	67,181	SH	DFND	1	67,181	0	0
DISH NETWORK CORP A	COM	25470M109	67,353	11,673	SH	DFND	1	11,673	0	0
DISTRIBUTION SOLUTIONS GROUP	COM	520776105	157,169	4,980	SH	DFND	1	4,980	0	0
DIVERSIFIED HEALTHCARE TRUST	COM SH BEN INT	25525P107	444,413	118,827	SH	DFND	1	118,827	0	0
DMC GLOBAL INC	COM	23291C103	182,705	9,708	SH	DFND	1	9,708	0	0
DNOW INC	COM	67011P100	656,130	57,962	SH	DFND	1	57,962	0	0
DOCGO INC	COM	256086109	216,137	38,665	SH	DFND	1	38,665	0	0
DOCUSIGN INC	COM	256163106	203,438	3,422	SH	DFND	1	3,422	0	0
DOLBY LABORATORIES INC CL A	CL A	25659T107	6,932,405	80,441	SH	DFND	1	80,441	0	0
DOLE PLC	ORD SHS	G27907107	437,168	35,571	SH	DFND	1	35,571	0	0
DOLLAR GENERAL CORP	COM	256677105	10,212,156	75,117	SH	DFND	1	75,117	0	0
DOLLAR TREE INC	COM	256746108	12,181,214	85,753	SH	DFND	1	85,753	0	0
DOMINION ENERGY INC	COM	25746U109	9,989,803	212,549	SH	DFND	1	212,549	0	0
DOMINO S PIZZA INC	COM	25754A201	4,310,689	10,457	SH	DFND	1	10,457	0	0
DOMO INC CLASS B	COM	257554105	162,932	15,834	SH	DFND	1	15,834	0	0
DONALDSON CO INC	COM	257651109	10,682,046	163,459	SH	DFND	1	163,459	0	0
DONEGAL GROUP INC CL A	CL A	257701201	108,506	7,756	SH	DFND	1	7,756	0	0
DONNELLEY FINANCIAL SOLUTION	COM	25787G100	839,874	13,466	SH	DFND	1	13,466	0	0
DOORDASH INC A	CL A	25809K105	3,002,597	30,363	SH	DFND	1	30,363	0	0
DORIAN LPG LTD	COM	Y2106R110	822,650	18,752	SH	DFND	1	18,752	0	0

DORMAN PRODUCTS INC	COM	258278100	1,203,690	14,431	SH	DFND	1	14,431	0	0
DOUBLEVERIFY HOLDINGS INC	COM	25862V105	326,275	8,871	SH	DFND	1	8,871	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	332,921	11,217	SH	DFND	1	11,217	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	118,894	40,303	SH	DFND	1	40,303	0	0
DOUGLAS EMMETT INC	COM	25960P109	1,276,682	88,047	SH	DFND	1	88,047	0	0
DOVER CORP	COM	260003108	5,641,751	36,680	SH	DFND	1	36,680	0	0
DOW INC	COM	260557103	9,770,130	178,157	SH	DFND	1	178,157	0	0
DOXIMITY INC CLASS A	CL A	26622P107	4,488,531	160,076	SH	DFND	1	160,076	0	0
DR HORTON INC	COM	23331A109	13,865,135	91,230	SH	DFND	1	91,230	0	0
DRAFTKINGS INC CL A	CL A	26142V105	249,359	7,074	SH	DFND	1	7,074	0	0
DRAGONFLY ENERGY HOLDINGS CO	COM	26145B106	7,867	14,521	SH	DFND	1	14,521	0	0
DREAM FINDERS HOMES INC A	CL A	26154D100	427,994	12,046	SH	DFND	1	12,046	0	0
DRIL QUIP INC	COM	262037104	431,147	18,528	SH	DFND	1	18,528	0	0
DRIVEN BRANDS HOLDINGS INC	COM	26210V102	7,287	511	SH	DFND	1	511	0	0
DROPBOX INC CLASS A	COM	26210C104	10,260,691	348,056	SH	DFND	1	348,056	0	0
DTE ENERGY COMPANY	COM	233331107	5,961,097	54,064	SH	DFND	1	54,064	0	0
DTE MIDSTREAM LLC W/I	COM	23345M107	7,172,936	130,893	SH	DFND	1	130,893	0	0
DUCKHORN PORTFOLIO INC/THE	COM	26414D106	215,035	21,831	SH	DFND	1	21,831	0	0
DUCOMMUN INC	COM	264147109	346,720	6,660	SH	DFND	1	6,660	0	0
DUKE ENERGY CORP	COM	26441C204	18,996,744	195,762	SH	DFND	1	195,762	0	0
DULUTH HOLDINGS INC CL B	COM	26443V101	36,175	6,724	SH	DFND	1	6,724	0	0
DUN plus BRADSTREET HOLDINGS IN	COM	26484T106	26,208	2,240	SH	DFND	1	2,240	0	0
DUOLINGO	CL A	26603R106	3,299,306	14,544	SH	DFND	1	14,544	0	0
DUPONT DE NEMOURS INC	COM	26614N102	8,693,782	113,009	SH	DFND	1	113,009	0	0
DXC TECHNOLOGY CO	COM	23355L106	246,424	10,775	SH	DFND	1	10,775	0	0
DXP ENTERPRISES INC	COM	233377407	248,942	7,387	SH	DFND	1	7,387	0	0
DYCOM INDUSTRIES INC	COM	267475101	1,799,432	15,635	SH	DFND	1	15,635	0	0
DYNATRACE INC	COM	268150109	17,731,100	324,211	SH	DFND	1	324,211	0	0
DYNAVAX TECHNOLOGIES CORP	COM	268158201	985,534	70,496	SH	DFND	1	70,496	0	0
DYNE THERAPEUTICS INC	COM	26818M108	294,076	22,111	SH	DFND	1	22,111	0	0
DYNEX CAPITAL INC	COM	26817Q886	351,486	28,074	SH	DFND	1	28,074	0	0
DZS INC	COM	268211109	21,331	10,828	SH	DFND	1	10,828	0	0
E2OPEN PARENT HOLDINGS INC	CL A	29788T103	370,823	84,470	SH	DFND	1	84,470	0	0
EAGLE BANCORP INC	COM	268948106	484,079	16,061	SH	DFND	1	16,061	0	0
EAGLE BULK SHIPPING INC	COM	Y2187A150	254,951	4,602	SH	DFND	1	4,602	0	0
EAGLE MATERIALS INC	COM	26969P108	9,598,186	47,319	SH	DFND	1	47,319	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	26,898	5,143	SH	DFND	1	5,143	0	0
EAST WEST BANCORP INC	COM	27579R104	13,696,474	190,361	SH	DFND	1	190,361	0	0
EASTERLY GOVERNMENT PROPERTI	COM	27616P103	700,842	52,146	SH	DFND	1	52,146	0	0
EASTERN BANKSHARES INC	COM	27627N105	1,094,721	77,093	SH	DFND	1	77,093	0	0

EASTGROUP PROPERTIES INC	COM	277276101	11,485,199	62,576	SH	DFND	1	62,576	0	0
EASTMAN CHEMICAL CO	COM	277432100	2,792,504	31,090	SH	DFND	1	31,090	0	0
EASTMAN KODAK CO	COM	277461406	110,538	28,343	SH	DFND	1	28,343	0	0
EATON CORP PLC	COM	G29183103	27,013,020	112,171	SH	DFND	1	112,171	0	0
EBAY INC	COM	278642103	12,000,604	275,117	SH	DFND	1	275,117	0	0
ECHOSTAR CORP A	COM	278768106	1,002,883	60,524	SH	DFND	1	60,524	0	0
ECOLAB INC	COM	278865100	14,863,159	74,934	SH	DFND	1	74,934	0	0
ECOVYST INC	COM	27923Q109	449,654	46,024	SH	DFND	1	46,024	0	0
EDGEWELL PERSONAL CARE CO	COM	28035Q102	1,005,713	27,456	SH	DFND	1	27,456	0	0
EDGEWISE THERAPEUTICS INC	COM	28036F105	232,661	21,267	SH	DFND	1	21,267	0	0
EDISON INTERNATIONAL	COM	281020107	7,182,243	100,465	SH	DFND	1	100,465	0	0
EDITAS MEDICINE INC	COM	28106W103	414,206	40,889	SH	DFND	1	40,889	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	13,327,280	174,784	SH	DFND	1	174,784	0	0
EGAIN CORP	COM	28225C806	86,240	10,353	SH	DFND	1	10,353	0	0
EHEALTH INC	COM	28238P109	121,504	13,934	SH	DFND	1	13,934	0	0
EL POLLO LOCO HOLDINGS INC	COM	268603107	121,928	13,824	SH	DFND	1	13,824	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	60,032	4,029	SH	DFND	1	4,029	0	0
ELASTIC NV	COM	N14506104	151,243	1,342	SH	DFND	1	1,342	0	0
ELECTRONIC ARTS INC	COM	285512109	12,210,703	89,253	SH	DFND	1	89,253	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	42,462	1,835	SH	DFND	1	1,835	0	0
ELEVANCE HEALTH INC	COM	036752103	33,899,034	71,887	SH	DFND	1	71,887	0	0
ELF BEAUTY INC	COM	26856L103	4,248,648	29,435	SH	DFND	1	29,435	0	0
ELI LILLY plus CO	COM	532457108	137,031,668	235,078	SH	DFND	1	235,078	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	521,962	41,067	SH	DFND	1	41,067	0	0
ELME COMMUNITIES	COM	939653101	698,464	47,840	SH	DFND	1	47,840	0	0
EMBECTA CORP	COM	29082K105	594,762	31,419	SH	DFND	1	31,419	0	0
EMCOR GROUP INC	COM	29084Q100	13,718,582	63,680	SH	DFND	1	63,680	0	0
EMERALD HOLDING INC	COM	29103W104	46,411	7,761	SH	DFND	1	7,761	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	62,038	25,849	SH	DFND	1	25,849	0	0
EMERSON ELECTRIC CO	COM	291011104	14,343,230	147,367	SH	DFND	1	147,367	0	0
EMPIRE PETROLEUM CORP	COM	292034303	71,303	6,488	SH	DFND	1	6,488	0	0
EMPIRE STATE REALTY TRUST A	COM	292104106	636,633	65,700	SH	DFND	1	65,700	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	550,063	13,961	SH	DFND	1	13,961	0	0
ENACT HOLDINGS INC	COM	29249E109	425,492	14,728	SH	DFND	1	14,728	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	93,554	9,942	SH	DFND	1	9,942	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	9,036,290	135,436	SH	DFND	1	135,436	0	0
ENCORE CAPITAL GROUP INC	COM	292554102	642,647	12,663	SH	DFND	1	12,663	0	0
ENCORE ENERGY CORP	COM	29259W700	286,713	72,955	SH	DFND	1	72,955	0	0
ENCORE WIRE CORP	COM	292562105	1,756,006	8,221	SH	DFND	1	8,221	0	0
ENERGIZER HOLDINGS INC	COM	29272W109	1,228,012	38,763	SH	DFND	1	38,763	0	0
ENERGY FUELS INC	COM	292671708	561,740	78,128	SH	DFND	1	78,128	0	0
ENERGY RECOVERY INC	COM	29270J100	521,887	27,701	SH	DFND	1	27,701	0	0

ENERGY VAULT HOLDINGS INC	COM	29280W109	114,736	49,243	SH	DFND	1	49,243	0	0
ENERPAC TOOL GROUP CORP	CL A	292765104	923,622	29,708	SH	DFND	1	29,708	0	0
ENERSYS	COM	29275Y102	7,548,072	74,763	SH	DFND	1	74,763	0	0
ENFUSION INC CLASS A	CL A	292812104	182,001	18,763	SH	DFND	1	18,763	0	0
ENGAGESMART INC	COM	29283F103	553,356	24,164	SH	DFND	1	24,164	0	0
ENHABIT INC	COM	29332G102	283,466	27,388	SH	DFND	1	27,388	0	0
ENLIVEN THERAPEUTICS INC	COM	29337E102	160,586	11,603	SH	DFND	1	11,603	0	0
ENNIS INC	COM	293389102	277,731	12,676	SH	DFND	1	12,676	0	0
ENOVA INTERNATIONAL INC	COM	29357K103	879,061	15,879	SH	DFND	1	15,879	0	0
ENOVIS CORP	COM	194014502	3,760,623	67,130	SH	DFND	1	67,130	0	0
ENOVIX CORP	COM	293594107	863,004	68,930	SH	DFND	1	68,930	0	0
ENPHASE ENERGY INC	COM	29355A107	5,387,744	40,773	SH	DFND	1	40,773	0	0
ENPRO INC	COM	29355X107	1,787,620	11,405	SH	DFND	1	11,405	0	0
ENSIGN GROUP INC/THE	COM	29358P101	3,340,828	29,773	SH	DFND	1	29,773	0	0
ENSTAR GROUP LTD	COM	G3075P101	1,746,967	5,935	SH	DFND	1	5,935	0	0
ENTEGRIS INC	COM	29362U104	155,167	1,295	SH	DFND	1	1,295	0	0
ENTERGY CORP	COM	29364G103	5,611,593	55,456	SH	DFND	1	55,456	0	0
ENTERPRISE BANCORP INC	COM	293668109	153,622	4,762	SH	DFND	1	4,762	0	0
ENTERPRISE FINANCIAL SERVICE	COM	293712105	805,933	18,050	SH	DFND	1	18,050	0	0
ENTRADA THERAPEUTICS INC	COM	29384C108	160,497	10,636	SH	DFND	1	10,636	0	0
ENTRAVISION COMMUNICATIONS A	COM	29382R107	124,766	29,920	SH	DFND	1	29,920	0	0
ENVELA CORP	COM	29402E102	18,332	3,772	SH	DFND	1	3,772	0	0
ENVESTNET INC	COM	29404K106	1,349,668	27,255	SH	DFND	1	27,255	0	0
ENVIRI CORP	COM	415864107	386,928	42,992	SH	DFND	1	42,992	0	0
ENVISTA HOLDINGS CORP	COM	29415F104	5,568,952	231,461	SH	DFND	1	231,461	0	0
ENVIVA INC	COM	29415B103	15,500	15,565	SH	DFND	1	15,565	0	0
EOG RESOURCES INC	COM	26875P101	22,106,757	182,776	SH	DFND	1	182,776	0	0
EOS ENERGY ENTERPRISES INC	CL A	29415C101	58,314	53,499	SH	DFND	1	53,499	0	0
EPAM SYSTEMS INC	COM	29414B104	5,514,468	18,546	SH	DFND	1	18,546	0	0
EPLUS INC	COM	294268107	1,156,403	14,484	SH	DFND	1	14,484	0	0
EPR PROPERTIES	COM	26884U109	4,929,448	101,743	SH	DFND	1	101,743	0	0
EQT CORP	COM	26884L109	4,153,746	107,443	SH	DFND	1	107,443	0	0
EQUIFAX INC	COM	294429105	8,311,170	33,609	SH	DFND	1	33,609	0	0
EQUINIX INC	COM	29444U700	22,470,381	27,900	SH	DFND	1	27,900	0	0
EQUITABLE HOLDINGS INC	COM	29452E101	14,419,566	433,020	SH	DFND	1	433,020	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	8,133,362	798,955	SH	DFND	1	798,955	0	0
EQUITY BANCSHARES INC CL A	CL A	29460X109	246,555	7,273	SH	DFND	1	7,273	0	0
EQUITY COMMONWEALTH	COM	294628102	974,938	50,778	SH	DFND	1	50,778	0	0
EQUITY LIFESTYLE PROPERTIES	COM	29472R108	17,790,752	252,208	SH	DFND	1	252,208	0	0
EQUITY RESIDENTIAL	COM	29476L107	5,555,652	90,838	SH	DFND	1	90,838	0	0
ERASCA INC	COM	29479A108	85,434	40,110	SH	DFND	1	40,110	0	0
ERIE INDEMNITY COMPANY CL A	CL A	29530P102	11,215,131	33,486	SH	DFND	1	33,486	0	0
ESAB CORP	COM	29605J106	6,628,682	76,526	SH	DFND	1	76,526	0	0

ESCALADE INC	COM	296056104	99,425	4,949	SH	DFND	1	4,949	0	0
ESCO TECHNOLOGIES INC	COM	296315104	1,632,334	13,948	SH	DFND	1	13,948	0	0
ESQUIRE FINANCIAL HOLDINGS I	COM	29667J101	170,613	3,415	SH	DFND	1	3,415	0	0
ESS TECH INC	COM	26916J106	51,700	45,351	SH	DFND	1	45,351	0	0
ESSA BANCORP INC	COM	29667D104	86,466	4,319	SH	DFND	1	4,319	0	0
ESSENT GROUP LTD	COM	G3198U102	10,308,508	195,459	SH	DFND	1	195,459	0	0
ESSENTIAL PROPERTIES REALTY	COM	29670E107	2,170,402	84,914	SH	DFND	1	84,914	0	0
ESSENTIAL UTILITIES INC	COM	29670G102	12,676,441	339,396	SH	DFND	1	339,396	0	0
ESSEX PROPERTY TRUST INC	COM	297178105	4,172,334	16,828	SH	DFND	1	16,828	0	0
ESTEE LAUDER COMPANIES CL A	CL A	518439104	11,132,258	76,118	SH	DFND	1	76,118	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	396,829	12,432	SH	DFND	1	12,432	0	0
ETSY INC	COM	29786A106	4,038,884	49,832	SH	DFND	1	49,832	0	0
EURONET WORLDWIDE INC	COM	298736109	6,030,333	59,418	SH	DFND	1	59,418	0	0
EUROPEAN WAX CENTER INC A	COM	29882P106	230,690	16,975	SH	DFND	1	16,975	0	0
EVANS BANCORP INC	COM	29911Q208	82,073	2,603	SH	DFND	1	2,603	0	0
EVE HOLDING INC	COM	29970N104	65,858	8,997	SH	DFND	1	8,997	0	0
EVENTBRITE INC CLASS A	COM	29975E109	321,467	38,453	SH	DFND	1	38,453	0	0
EVERBRIDGE INC	COM	29978A104	491,864	20,233	SH	DFND	1	20,233	0	0
EVERCOMMERCE INC	COM	29977X105	128,036	11,608	SH	DFND	1	11,608	0	0
EVERCORE INC A	COM	29977A105	8,008,561	46,820	SH	DFND	1	46,820	0	0
EVEREST GROUP LTD	COM	G3223R108	4,040,359	11,427	SH	DFND	1	11,427	0	0
EVERGY INC	COM	30034W106	3,141,396	60,180	SH	DFND	1	60,180	0	0
EVERI HOLDINGS INC	COM	30034T103	473,047	41,974	SH	DFND	1	41,974	0	0
EVERQUOTE INC CLASS A	COM	30041R108	130,650	10,674	SH	DFND	1	10,674	0	0
EVERSOURCE ENERGY	COM	30040W108	7,755,241	125,652	SH	DFND	1	125,652	0	0
EVERTEC INC	COM	30040P103	1,457,177	35,593	SH	DFND	1	35,593	0	0
EVGO INC	CL A	30052F100	184,227	51,460	SH	DFND	1	51,460	0	0
EVI INDUSTRIES INC	COM	26929N102	55,932	2,357	SH	DFND	1	2,357	0	0
EVOLENT HEALTH INC A	COM	30050B101	1,808,789	54,762	SH	DFND	1	54,762	0	0
EVOLUS INC	COM	30052C107	216,728	20,582	SH	DFND	1	20,582	0	0
EVOLUTION PETROLEUM CORP	COM	30049A107	89,642	15,429	SH	DFND	1	15,429	0	0
EVOLV TECHNOLOGIES HOLDINGS	CL A	30049H102	267,751	56,727	SH	DFND	1	56,727	0	0
EW SCRIPPS CO/THE A	COM	811054402	258,469	32,349	SH	DFND	1	32,349	0	0
EXACT SCIENCES CORP	COM	30063P105	148,478	2,007	SH	DFND	1	2,007	0	0
EXCELERATE ENERGY INC A	CL A	30069T101	139,140	9,000	SH	DFND	1	9,000	0	0
EXELIXIS INC	COM	30161Q104	10,126,179	422,100	SH	DFND	1	422,100	0	0
EXELON CORP	COM	30161N101	13,863,216	386,162	SH	DFND	1	386,162	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	9,311,949	301,846	SH	DFND	1	301,846	0	0
EXP WORLD HOLDINGS INC	COM	30212W100	606,273	39,064	SH	DFND	1	39,064	0	0
EXPEDIA GROUP INC	COM	30212P303	7,296,090	48,067	SH	DFND	1	48,067	0	0
EXPEDITORS INTL WASH INC	COM	302130109	5,659,764	44,495	SH	DFND	1	44,495	0	0
EXPENSIFY INC A	CL A	30219Q106	67,816	27,456	SH	DFND	1	27,456	0	0

EXPONENT INC	COM	30214U102	8,201,278	93,154	SH	DFND	1	93,154	0	0
EXPRO GROUP HOLDINGS NV	COM	N3144W105	709,077	44,540	SH	DFND	1	44,540	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	8,879,877	55,385	SH	DFND	1	55,385	0	0
EXTREME NETWORKS INC	COM	30226D106	1,214,479	68,848	SH	DFND	1	68,848	0	0
EXXON MOBIL CORP	COM	30231G102	101,724,651	1,017,450	SH	DFND	1	1,017,450	0	0
EYENOVIA INC	COM	30234E104	31,104	14,954	SH	DFND	1	14,954	0	0
EYEPOINT PHARMACEUTICALS INC	COM	30233G209	306,831	13,277	SH	DFND	1	13,277	0	0
EZCORP INC CL A	CL A	302301106	21,378	2,446	SH	DFND	1	2,446	0	0
FplusG ANNUITIES plus LIFE INC	COM	30190A104	428,444	9,314	SH	DFND	1	9,314	0	0
F5 INC	COM	315616102	2,801,395	15,652	SH	DFND	1	15,652	0	0
FABRINET	COM	G3323L100	3,809,455	20,015	SH	DFND	1	20,015	0	0
FACTSET RESEARCH SYSTEMS INC	COM	303075105	5,015,227	10,513	SH	DFND	1	10,513	0	0
FAIR ISAAC CORP	COM	303250104	8,128,282	6,983	SH	DFND	1	6,983	0	0
FARMERS plus MERCHANTS BANCO/OH	COM	30779N105	156,711	6,319	SH	DFND	1	6,319	0	0
FARMERS NATL BANC CORP	COM	309627107	261,747	18,114	SH	DFND	1	18,114	0	0
FARMLAND PARTNERS INC	COM	31154R109	277,281	22,218	SH	DFND	1	22,218	0	0
FARO TECHNOLOGIES INC	COM	311642102	212,503	9,432	SH	DFND	1	9,432	0	0
FASTENAL CO	COM	311900104	12,739,158	196,683	SH	DFND	1	196,683	0	0
FASTLY INC CLASS A	CL A	31188V100	1,069,442	60,081	SH	DFND	1	60,081	0	0
FATE THERAPEUTICS INC	COM	31189P102	157,551	42,126	SH	DFND	1	42,126	0	0
FB FINANCIAL CORP	COM	30257X104	769,065	19,299	SH	DFND	1	19,299	0	0
FEDERAL AGRIC MTG CORP CL C	COM	313148306	868,139	4,540	SH	DFND	1	4,540	0	0
FEDERAL REALTY INVS TRUST	SH BEN INT	313745101	1,991,441	19,325	SH	DFND	1	19,325	0	0
FEDERAL SIGNAL CORP	COM	313855108	2,507,326	32,673	SH	DFND	1	32,673	0	0
FEDERATED HERMES INC	CL B	314211103	3,920,616	115,789	SH	DFND	1	115,789	0	0
FEDEX CORP	COM	31428X106	14,862,746	58,753	SH	DFND	1	58,753	0	0
FENNEC PHARMACEUTICALS INC	COM	31447P100	101,204	9,020	SH	DFND	1	9,020	0	0
FERGUSON PLC	NEW SHS	G3421J106	342,892	1,776	SH	DFND	1	1,776	0	0
FIBROGEN INC	COM	31572Q808	40,680	45,899	SH	DFND	1	45,899	0	0
FIDELIS INSURANCE HOLDINGS L	COM	G3398L118	95,532	7,540	SH	DFND	1	7,540	0	0
FIDELITY DplusD BANCORP INC	COM	31609R100	134,514	2,318	SH	DFND	1	2,318	0	0
FIDELITY NATIONAL FINANCIAL	COM	31620R303	17,818,684	349,249	SH	DFND	1	349,249	0	0
FIDELITY NATIONAL INFO SERV	COM	31620M106	10,282,362	171,173	SH	DFND	1	171,173	0	0
FIFTH THIRD BANCORP	COM	316773100	6,158,638	178,563	SH	DFND	1	178,563	0	0
FIGS INC CLASS A	CL A	30260D103	441,742	63,560	SH	DFND	1	63,560	0	0
FINANCE OF AMERICA COS INC A	CL A	31738L107	29,213	26,557	SH	DFND	1	26,557	0	0
FINANCIAL INSTITUTIONS INC	COM	317585404	160,772	7,548	SH	DFND	1	7,548	0	0
FIRST ADVANTAGE CORP	COM	31846B108	445,501	26,886	SH	DFND	1	26,886	0	0

FIRST AMERICAN FINANCIAL	COM	31847R102	8,979,650	139,349	SH	DFND	1	139,349	0	0
FIRST BANCORP INC/ME	COM	31866P102	137,262	4,864	SH	DFND	1	4,864	0	0
FIRST BANCORP PUERTO RICO	COM	318672706	1,540,641	93,656	SH	DFND	1	93,656	0	0
FIRST BANCORP/NC	COM	318910106	804,079	21,726	SH	DFND	1	21,726	0	0
FIRST BANCSHARES INC/MS	COM	318916103	447,576	15,260	SH	DFND	1	15,260	0	0
FIRST BANK/HAMILTON NJ	COM	31931U102	149,043	10,139	SH	DFND	1	10,139	0	0
FIRST BUSEY CORP	COM	319383204	641,051	25,828	SH	DFND	1	25,828	0	0
FIRST BUSINESS FINANCIAL SER	COM	319390100	156,631	3,906	SH	DFND	1	3,906	0	0
FIRST CITIZENS BCSHS CL A	CL A	31946M103	141,897	100	SH	DFND	1	100	0	0
FIRST COMMONWEALTH FINL CORP	COM	319829107	860,101	55,706	SH	DFND	1	55,706	0	0
FIRST COMMUNITY BANKSHARES	COM	31983A103	316,908	8,542	SH	DFND	1	8,542	0	0
FIRST COMMUNITY CORP	COM	319835104	78,886	3,664	SH	DFND	1	3,664	0	0
FIRST FINANCIAL BANCORP	COM	320209109	1,219,040	51,328	SH	DFND	1	51,328	0	0
FIRST FINANCIAL CORP/INDIANA	COM	320218100	244,884	5,691	SH	DFND	1	5,691	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	7,189,554	237,279	SH	DFND	1	237,279	0	0
FIRST FOUNDATION INC	COM	32026V104	246,462	25,461	SH	DFND	1	25,461	0	0
FIRST HAWAIIAN INC	COM	32051X108	160,889	7,038	SH	DFND	1	7,038	0	0
FIRST HORIZON CORP	COM	320517105	10,687,203	754,746	SH	DFND	1	754,746	0	0
FIRST INDUSTRIAL REALTY TR	COM	32054K103	9,410,602	178,671	SH	DFND	1	178,671	0	0
FIRST INTERSTATE BANCSYS A	COM	32055Y201	1,263,733	41,097	SH	DFND	1	41,097	0	0
FIRST MERCHANTS CORP	COM	320817109	1,090,486	29,409	SH	DFND	1	29,409	0	0
FIRST MID BANCSHARES INC	COM	320866106	383,860	11,075	SH	DFND	1	11,075	0	0
FIRST OF LONG ISLAND CORP	COM	320734106	140,331	10,599	SH	DFND	1	10,599	0	0
FIRST SOLAR INC	COM	336433107	4,920,834	28,563	SH	DFND	1	28,563	0	0
FIRST WATCH RESTAURANT GROUP	COM	33748L101	222,025	11,046	SH	DFND	1	11,046	0	0
FIRST WESTERN FINANCIAL INC	COM	33751L105	79,003	3,984	SH	DFND	1	3,984	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	7,413,768	68,399	SH	DFND	1	68,399	0	0
FIRSTENERGY CORP	COM	337932107	4,973,112	135,655	SH	DFND	1	135,655	0	0
FISCALNOTE HOLDINGS INC	CL A	337655104	33,860	29,702	SH	DFND	1	29,702	0	0
FISERV INC	COM	337738108	23,359,515	175,847	SH	DFND	1	175,847	0	0
FISKER INC	CL A	33813J106	181,907	103,947	SH	DFND	1	103,947	0	0
FIVE BELOW	COM	33829M101	16,133,867	75,689	SH	DFND	1	75,689	0	0
FIVE STAR BANCORP	COM	33830T103	166,295	6,352	SH	DFND	1	6,352	0	0
FIVE9 INC	COM	338307101	94,664	1,203	SH	DFND	1	1,203	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	5,758,179	20,375	SH	DFND	1	20,375	0	0
FLEX LNG LTD	LTD SHS	G35947202	430,553	14,816	SH	DFND	1	14,816	0	0
FLOOR plus DECOR HOLDINGS INC A	COM	339750101	16,158,016	144,837	SH	DFND	1	144,837	0	0
FLOWERS FOODS INC	COM	343498101	5,840,760	259,474	SH	DFND	1	259,474	0	0
FLOWSERVE CORP	COM	34354P105	7,305,379	177,229	SH	DFND	1	177,229	0	0

FLUENCE ENERGY INC	CL A	34379V103	695,394	29,157	SH	DFND	1	29,157	0	0
FLUOR CORP	COM	343412102	11,738,583	299,683	SH	DFND	1	299,683	0	0
FLUSHING FINANCIAL CORP	COM	343873105	227,012	13,775	SH	DFND	1	13,775	0	0
FLYWIRE CORP VOTING	COM	302492103	1,223,570	52,854	SH	DFND	1	52,854	0	0
FMC CORP	COM	302491303	2,072,958	32,878	SH	DFND	1	32,878	0	0
FNB CORP	COM	302520101	6,674,099	484,684	SH	DFND	1	484,684	0	0
FOGHORN THERAPEUTICS INC	COM	344174107	65,171	10,104	SH	DFND	1	10,104	0	0
FOOT LOCKER INC	COM	344849104	1,392,125	44,691	SH	DFND	1	44,691	0	0
FORAFRIC GLOBAL PLC	ORD SHS	X3R81D102	27,936	2,638	SH	DFND	1	2,638	0	0
FORD MOTOR CO	COM	345370860	12,174,897	998,761	SH	DFND	1	998,761	0	0
FORESTAR GROUP INC	COM	346232101	301,301	9,111	SH	DFND	1	9,111	0	0
FORGE GLOBAL HOLDINGS INC	COM	34629L103	187,350	54,621	SH	DFND	1	54,621	0	0
FORMFACTOR INC	COM	346375108	1,753,155	42,032	SH	DFND	1	42,032	0	0
FORRESTER RESEARCH INC	COM	346563109	171,128	6,383	SH	DFND	1	6,383	0	0
FORTINET INC	COM	34959E109	14,330,602	244,842	SH	DFND	1	244,842	0	0
FORTIVE CORP	COM	34959J108	7,096,239	96,377	SH	DFND	1	96,377	0	0
FORTREA HOLDINGS INC	COM	34965K107	170,940	4,898	SH	DFND	1	4,898	0	0
FORTUNE BRANDS INNOVATIONS I	COM	34964C106	12,968,698	170,327	SH	DFND	1	170,327	0	0
FORUM ENERGY TECHNOLOGIES IN	COM	34984V209	106,549	4,806	SH	DFND	1	4,806	0	0
FORWARD AIR CORP	COM	349853101	880,620	14,007	SH	DFND	1	14,007	0	0
FOSSIL GROUP INC	COM	34988V106	34,939	23,931	SH	DFND	1	23,931	0	0
FOUR CORNERS PROPERTY TRUST	COM	35086T109	1,246,202	49,257	SH	DFND	1	49,257	0	0
FOX CORP CLASS A	COM	35137L105	1,923,328	64,824	SH	DFND	1	64,824	0	0
FOX CORP CLASS B	COM	35137L204	957,077	34,614	SH	DFND	1	34,614	0	0
FOX FACTORY HOLDING CORP	COM	35138V102	5,271,470	78,119	SH	DFND	1	78,119	0	0
FRANKLIN BSP REALTY TRUST IN	COM	35243J101	610,693	45,203	SH	DFND	1	45,203	0	0
FRANKLIN COVEY CO	COM	353469109	251,647	5,781	SH	DFND	1	5,781	0	0
FRANKLIN ELECTRIC CO INC	COM	353514102	2,400,689	24,839	SH	DFND	1	24,839	0	0
FRANKLIN RESOURCES INC	COM	354613101	2,202,851	73,946	SH	DFND	1	73,946	0	0
FREEPORT MCMORAN INC	COM	35671D857	15,870,437	372,808	SH	DFND	1	372,808	0	0
FRESH DEL MONTE PRODUCE INC	COM	G36738105	485,966	18,513	SH	DFND	1	18,513	0	0
FRESHPET INC	COM	358039105	39,823	459	SH	DFND	1	459	0	0
FRESHWORKS INC CL A	CL A	358054104	1,892,895	80,583	SH	DFND	1	80,583	0	0
FRONTDOOR INC	COM	35905A109	1,552,357	44,076	SH	DFND	1	44,076	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	7,575,697	298,962	SH	DFND	1	298,962	0	0
FRONTIER GROUP HOLDINGS INC	COM	35909R108	104,635	19,164	SH	DFND	1	19,164	0	0
FRP HOLDINGS INC	COM	30292L107	206,184	3,279	SH	DFND	1	3,279	0	0
FS BANCORP INC	COM	30263Y104	121,783	3,295	SH	DFND	1	3,295	0	0
FTAI AVIATION LTD	LTD SHS	G3730V105	2,297,496	49,515	SH	DFND	1	49,515	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	191,384	49,199	SH	DFND	1	49,199	0	0
FTC SOLAR INC	COM	30320C103	23,310	33,646	SH	DFND	1	33,646	0	0
FTI CONSULTING INC	COM	302941109	9,559,399	48,001	SH	DFND	1	48,001	0	0

FUBOTV INC	COM	35953D104	447,836	140,829	SH	DFND	1	140,829	0	0
FUELCELL ENERGY INC	COM	35952H601	361,859	226,162	SH	DFND	1	226,162	0	0
FULGENT GENETICS INC	COM	359664109	321,566	11,123	SH	DFND	1	11,123	0	0
FULL HOUSE RESORTS INC	COM	359678109	87,692	16,330	SH	DFND	1	16,330	0	0
FULTON FINANCIAL CORP	COM	360271100	1,442,867	87,659	SH	DFND	1	87,659	0	0
FUNKO INC CLASS A	COM	361008105	137,037	17,728	SH	DFND	1	17,728	0	0
FUTU HOLDINGS LTD ADR	CL A	36118L106	582,137	10,656	SH	DFND	1	10,656	0	0
FUTUREFUEL CORP	COM	36116M106	79,004	12,994	SH	DFND	1	12,994	0	0
FVCBANKCORP INC	COM	36120Q101	113,160	7,969	SH	DFND	1	7,969	0	0
G III APPAREL GROUP LTD	COM	36237H101	763,191	22,460	SH	DFND	1	22,460	0	0
GAMBLING.COM GROUP LTD	LTD ORD SHS	G3R239101	74,305	7,621	SH	DFND	1	7,621	0	0
GAMESTOP CORP CLASS A	COM	36467W109	6,360,357	362,827	SH	DFND	1	362,827	0	0
GAMING AND LEISURE PROPERTIE	COM	36467J108	17,794,919	360,586	SH	DFND	1	360,586	0	0
GANNETT CO INC	COM	36472T109	164,956	71,720	SH	DFND	1	71,720	0	0
GAP INC/THE	COM	364760108	6,055,871	289,616	SH	DFND	1	289,616	0	0
GARMIN LTD	COM	H2906T109	5,287,107	41,132	SH	DFND	1	41,132	0	0
GARTNER INC	COM	366651107	11,123,921	24,659	SH	DFND	1	24,659	0	0
GATES INDUSTRIAL CORP PLC	COM	G39108108	12,333	919	SH	DFND	1	919	0	0
GATX CORP	COM	361448103	7,853,251	65,324	SH	DFND	1	65,324	0	0
GCM GROSVENOR INC CLASS A	CL A	36831E108	184,782	20,623	SH	DFND	1	20,623	0	0
GE HEALTHCARE TECHNOLOGY	COM	36266G107	10,674,026	138,050	SH	DFND	1	138,050	0	0
GEN DIGITAL INC	COM	668771108	3,389,249	148,521	SH	DFND	1	148,521	0	0
GENCO SHIPPING plus TRADING LTD	COM	Y2685T131	347,245	20,931	SH	DFND	1	20,931	0	0
GENCOR INDUSTRIES INC	COM	368678108	84,557	5,239	SH	DFND	1	5,239	0	0
GENELUX CORP	COM	36870H103	129,214	9,223	SH	DFND	1	9,223	0	0
GENERAC HOLDINGS INC	COM	368736104	2,138,922	16,550	SH	DFND	1	16,550	0	0
GENERAL DYNAMICS CORP	COM	369550108	14,939,334	57,532	SH	DFND	1	57,532	0	0
GENERAL ELECTRIC CO	COM	369604301	35,997,914	282,049	SH	DFND	1	282,049	0	0
GENERAL MILLS INC	COM	370334104	13,009,044	199,709	SH	DFND	1	199,709	0	0
GENERAL MOTORS CO	COM	37045V100	12,494,808	347,851	SH	DFND	1	347,851	0	0
GENERATION BIO CO	COM	37148K100	37,138	22,508	SH	DFND	1	22,508	0	0
GENESCO INC	COM	371532102	192,951	5,480	SH	DFND	1	5,480	0	0
GENIE ENERGY LTD B	CL B	372284208	276,434	9,827	SH	DFND	1	9,827	0	0
GENPACT LTD	COM	G3922B107	7,841,301	225,909	SH	DFND	1	225,909	0	0
GENTEX CORP	COM	371901109	10,290,545	315,081	SH	DFND	1	315,081	0	0
GENTHERM INC	COM	37253A103	934,207	17,842	SH	DFND	1	17,842	0	0
GENUINE PARTS CO	COM	372460105	6,552,020	47,307	SH	DFND	1	47,307	0	0
GENWORTH FINANCIAL INC CL A	CL A	37247D106	1,677,108	251,064	SH	DFND	1	251,064	0	0
GEO GROUP INC/THE	COM	36162J106	710,914	65,643	SH	DFND	1	65,643	0	0
GERMAN AMERICAN BANCORP	COM	373865104	452,120	13,950	SH	DFND	1	13,950	0	0
GERON CORP	COM	374163103	537,339	254,663	SH	DFND	1	254,663	0	0
GETTY REALTY CORP	COM	374297109	759,515	25,993	SH	DFND	1	25,993	0	0
GEVO INC	COM	374396406	134,837	116,239	SH	DFND	1	116,239	0	0

GIBRALTAR INDUSTRIES INC	COM	374689107	1,313,595	16,632	SH	DFND	1	16,632	0	0
GILEAD SCIENCES INC	COM	375558103	32,653,835	403,084	SH	DFND	1	403,084	0	0
GINKGO BIOWORKS HOLDINGS INC	CL A	37611X100	23,689	14,017	SH	DFND	1	14,017	0	0
GITLAB INC CL A	CL A	37637K108	93,433	1,484	SH	DFND	1	1,484	0	0
GLACIER BANCORP INC	COM	37637Q105	8,443,618	204,347	SH	DFND	1	204,347	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	261,742	19,769	SH	DFND	1	19,769	0	0
GLADSTONE LAND CORP	COM	376549101	240,853	16,668	SH	DFND	1	16,668	0	0
GLATFELTER CORP	COM	377320106	42,684	22,002	SH	DFND	1	22,002	0	0
GLAUKOS CORP	COM	377322102	2,056,645	25,873	SH	DFND	1	25,873	0	0
GLOBAL BUSINESS TRAVEL GROUP	CL A	37890B100	103,458	16,040	SH	DFND	1	16,040	0	0
GLOBAL E ONLINE LTD	LTD SHS	M5216V106	599,800	15,135	SH	DFND	1	15,135	0	0
GLOBAL INDUSTRIAL CO	COM	37892E102	253,198	6,519	SH	DFND	1	6,519	0	0
GLOBAL MEDICAL REIT INC	COM	37954A204	336,663	30,330	SH	DFND	1	30,330	0	0
GLOBAL NET LEASE INC	COM	379378201	1,054,740	106,004	SH	DFND	1	106,004	0	0
GLOBAL PAYMENTS INC	COM	37940X102	8,669,020	68,260	SH	DFND	1	68,260	0	0
GLOBAL WATER RESOURCES INC	COM	379463102	74,778	5,717	SH	DFND	1	5,717	0	0
GLOBALFOUNDRIES INC	ORD SHS	G39387108	2,345,705	38,708	SH	DFND	1	38,708	0	0
GLOBALSTAR INC	COM	378973408	675,826	348,364	SH	DFND	1	348,364	0	0
GLOBANT SA	COM	L44385109	165,872	697	SH	DFND	1	697	0	0
GLOBE LIFE INC	COM	37959E102	2,736,022	22,478	SH	DFND	1	22,478	0	0
GLOBUS MEDICAL INC A	COM	379577208	8,321,127	156,148	SH	DFND	1	156,148	0	0
GMS INC	COM	36251C103	1,839,425	22,315	SH	DFND	1	22,315	0	0
GODADDY INC CLASS A	COM	380237107	20,281,337	191,045	SH	DFND	1	191,045	0	0
GOGO INC	COM	38046C109	363,404	35,874	SH	DFND	1	35,874	0	0
GOHEALTH INC CLASS A	CL A	38046W204	27,534	2,064	SH	DFND	1	2,064	0	0
GOLAR LNG LTD	COM	G9456A100	1,145,592	49,830	SH	DFND	1	49,830	0	0
GOLDEN ENTERTAINMENT INC	COM	381013101	442,145	11,073	SH	DFND	1	11,073	0	0
GOLDEN OCEAN GROUP LTD	LTD SHS	G39637205	597,478	61,217	SH	DFND	1	61,217	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	31,954,486	82,833	SH	DFND	1	82,833	0	0
GOODYEAR TIRE plus RUBBER CO	COM	382550101	7,456,825	520,728	SH	DFND	1	520,728	0	0
GOOSEHEAD INSURANCE INC A	COM	38267D109	899,443	11,866	SH	DFND	1	11,866	0	0
GOPRO INC CLASS A	COM	38268T103	217,677	62,731	SH	DFND	1	62,731	0	0
GORMAN RUPP CO	COM	383082104	404,545	11,386	SH	DFND	1	11,386	0	0
GRAB HOLDINGS LTD CL A	COM	G4124C109	1,070,208	317,569	SH	DFND	1	317,569	0	0
GRACO INC	COM	384109104	19,831,080	228,574	SH	DFND	1	228,574	0	0
GRAFTECH INTERNATIONAL LTD	COM	384313508	211,085	96,386	SH	DFND	1	96,386	0	0
GRAHAM HOLDINGS CO CLASS B	COM	384637104	4,587,977	6,587	SH	DFND	1	6,587	0	0
GRAND CANYON EDUCATION INC	COM	38526M106	5,281,204	39,997	SH	DFND	1	39,997	0	0
GRANITE CONSTRUCTION INC	COM	387328107	1,220,793	24,003	SH	DFND	1	24,003	0	0
GRANITE POINT MORTGAGE TRUST	COM	38741L107	150,924	25,408	SH	DFND	1	25,408	0	0

GRANITE RIDGE RESOURCES INC	COM	387432107	102,027	16,948	SH	DFND	1	16,948	0	0
GRAPHIC PACKAGING HOLDING CO	COM	388689101	10,225,091	414,811	SH	DFND	1	414,811	0	0
GRAPHITE BIO INC	COM	38870X104	36,494	13,929	SH	DFND	1	13,929	0	0
GRAY TELEVISION INC	COM	389375106	376,508	42,021	SH	DFND	1	42,021	0	0
GREAT LAKES DREDGE plus DOCK CO	COM	390607109	250,406	32,605	SH	DFND	1	32,605	0	0
GREAT SOUTHERN BANCORP INC	COM	390905107	260,962	4,397	SH	DFND	1	4,397	0	0
GREEN BRICK PARTNERS INC	COM	392709101	735,730	14,165	SH	DFND	1	14,165	0	0
GREEN DOT CORP CLASS A	COM	39304D102	249,648	25,217	SH	DFND	1	25,217	0	0
GREEN PLAINS INC	COM	393222104	799,953	31,719	SH	DFND	1	31,719	0	0
GREENBRIER COMPANIES INC	COM	393657101	735,332	16,644	SH	DFND	1	16,644	0	0
GREENE COUNTY BANCORP INC	COM	394357107	98,051	3,477	SH	DFND	1	3,477	0	0
GREENLIGHT CAPITAL RE LTD A	COM	G4095J109	146,736	12,849	SH	DFND	1	12,849	0	0
GREIF INC CL A	CL A	397624107	3,036,751	46,299	SH	DFND	1	46,299	0	0
GREIF INC CL B	COM	397624206	169,712	2,571	SH	DFND	1	2,571	0	0
GRID DYNAMICS HOLDINGS INC	CL A	39813G109	373,400	28,012	SH	DFND	1	28,012	0	0
GRIFFON CORP	COM	398433102	1,387,222	22,760	SH	DFND	1	22,760	0	0
GRINDR INC	COM	39854F101	178,998	20,387	SH	DFND	1	20,387	0	0
GRITSTONE BIO INC	COM	39868T105	88,997	43,626	SH	DFND	1	43,626	0	0
GROCERY OUTLET HOLDING CORP	COM	39874R101	3,614,069	134,053	SH	DFND	1	134,053	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	2,267,266	7,440	SH	DFND	1	7,440	0	0
GROWGENERATION CORP	COM	39986L109	73,420	29,251	SH	DFND	1	29,251	0	0
GUARANTY BANCSHARES INC	COM	400764106	137,002	4,075	SH	DFND	1	4,075	0	0
GUARDANT HEALTH INC	COM	40131M109	1,518,858	56,150	SH	DFND	1	56,150	0	0
GUESS INC	COM	401617105	352,218	15,274	SH	DFND	1	15,274	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	73,166	671	SH	DFND	1	671	0	0
GULFPORT ENERGY CORP	COM	402635502	742,057	5,571	SH	DFND	1	5,571	0	0
GXO LOGISTICS INC	COM	36262G101	9,826,271	160,665	SH	DFND	1	160,665	0	0
H WORLD GROUP LTD ADR	ADR	44332N106	91,091	2,724	SH	DFND	1	2,724	0	0
H.B. FULLER CO.	COM	359694106	2,397,769	29,453	SH	DFND	1	29,453	0	0
HplusE EQUIPMENT SERVICES INC	COM	404030108	836,701	15,992	SH	DFND	1	15,992	0	0
HplusR BLOCK INC	COM	093671105	9,444,436	195,254	SH	DFND	1	195,254	0	0
HACKETT GROUP INC/THE	COM	404609109	283,122	12,434	SH	DFND	1	12,434	0	0
HAEMONETICS CORP/MASS	COM	405024100	7,957,561	93,060	SH	DFND	1	93,060	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	533,123	48,687	SH	DFND	1	48,687	0	0
HALLADOR ENERGY CO	COM	40609P105	100,378	11,355	SH	DFND	1	11,355	0	0
HALLIBURTON CO	COM	406216101	8,542,462	236,306	SH	DFND	1	236,306	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	8,940,550	241,898	SH	DFND	1	241,898	0	0
HAMILTON LANE INC CLASS A	COM	407497106	2,061,885	18,176	SH	DFND	1	18,176	0	0
HANCOCK WHITNEY	COM	410120109	7,717,647	158,832	SH	DFND	1	158,832	0	0

CORP										
HANESBRANDS INC	COM	410345102	854,045	191,490	SH	DFND	1	191,490	0	0
HANMI FINANCIAL CORPORATION	COM	410495204	321,342	16,564	SH	DFND	1	16,564	0	0
HANNON ARMSTRONG SUSTAINABLE	COM	41068X100	1,595,972	57,867	SH	DFND	1	57,867	0	0
HANOVER INSURANCE GROUP INC/	COM	410867105	5,865,072	48,304	SH	DFND	1	48,304	0	0
HARBORONE BANCORP INC	COM	41165Y100	244,392	20,400	SH	DFND	1	20,400	0	0
HARLEY DAVIDSON INC	COM	412822108	6,307,266	171,207	SH	DFND	1	171,207	0	0
HARMONIC INC	COM	413160102	782,856	60,035	SH	DFND	1	60,035	0	0
HARMONY BIOSCIENCES HOLDINGS	COM	413197104	567,285	17,563	SH	DFND	1	17,563	0	0
HARROW INC	COM	415858109	168,750	15,067	SH	DFND	1	15,067	0	0
HARTFORD FINANCIAL SVCS GRP	COM	416515104	6,335,954	78,825	SH	DFND	1	78,825	0	0
HARVARD BIOSCIENCE INC	COM	416906105	107,813	20,152	SH	DFND	1	20,152	0	0
HASBRO INC	COM	418056107	1,746,303	34,201	SH	DFND	1	34,201	0	0
HASHICORP INC CL A	CL A	418100103	32,576	1,378	SH	DFND	1	1,378	0	0
HAVERTY FURNITURE	COM	419596101	280,521	7,902	SH	DFND	1	7,902	0	0
HAWAIIAN ELECTRIC INDS	COM	419870100	12,785	901	SH	DFND	1	901	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	359,771	25,336	SH	DFND	1	25,336	0	0
HAWKINS INC	COM	420261109	740,396	10,514	SH	DFND	1	10,514	0	0
HAYNES INTERNATIONAL INC	COM	420877201	388,967	6,818	SH	DFND	1	6,818	0	0
HAYWARD HOLDINGS INC	COM	421298100	95,350	7,011	SH	DFND	1	7,011	0	0
HBT FINANCIAL INC/DE	COM	404111106	139,474	6,607	SH	DFND	1	6,607	0	0
HCA HEALTHCARE INC	COM	40412C101	16,267,056	60,097	SH	DFND	1	60,097	0	0
HCI GROUP INC	COM	40416E103	304,327	3,482	SH	DFND	1	3,482	0	0
HEALTH CATALYST INC	COM	42225T107	260,160	28,095	SH	DFND	1	28,095	0	0
HEALTHCARE REALTY TRUST INC	CL A	42226K105	8,864,232	514,465	SH	DFND	1	514,465	0	0
HEALTHCARE SERVICES GROUP	COM	421906108	419,809	40,483	SH	DFND	1	40,483	0	0
HEALTHEQUITY INC	COM	42226A107	10,393,254	156,761	SH	DFND	1	156,761	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	2,840,449	143,457	SH	DFND	1	143,457	0	0
HEALTHSTREAM INC	COM	42222N103	354,174	13,103	SH	DFND	1	13,103	0	0
HEARTLAND EXPRESS INC	COM	422347104	362,960	25,453	SH	DFND	1	25,453	0	0
HEARTLAND FINANCIAL USA INC	COM	42234Q102	790,825	21,027	SH	DFND	1	21,027	0	0
HECLA MINING CO	COM	422704106	1,461,975	303,945	SH	DFND	1	303,945	0	0
HEICO CORP	COM	422806109	129,681	725	SH	DFND	1	725	0	0
HEICO CORP CLASS A	COM	422806208	185,457	1,302	SH	DFND	1	1,302	0	0
HEIDRICK plus STRUGGLES INTL	COM	422819102	319,042	10,804	SH	DFND	1	10,804	0	0
HELEN OF TROY LTD	COM	G4388N106	5,280,001	43,705	SH	DFND	1	43,705	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	748,139	16,497	SH	DFND	1	16,497	0	0
HELIX ENERGY SOLUTIONS GROUP	COM	42330P107	804,071	78,217	SH	DFND	1	78,217	0	0
HELMERICH plus PAYNE	COM	423452101	1,923,463	53,105	SH	DFND	1	53,105	0	0
HENRY SCHEIN INC	COM	806407102	2,592,386	34,241	SH	DFND	1	34,241	0	0
HERBALIFE LTD	COM	G4412G101	750,060	49,152	SH	DFND	1	49,152	0	0

HERC HOLDINGS INC	COM	42704L104	2,093,691	14,062	SH	DFND	1	14,062	0	0
HERITAGE COMMERCE CORP	COM	426927109	292,253	29,461	SH	DFND	1	29,461	0	0
HERITAGE FINANCIAL CORP	COM	42722X106	404,078	18,891	SH	DFND	1	18,891	0	0
HERON THERAPEUTICS INC	COM	427746102	87,494	51,467	SH	DFND	1	51,467	0	0
HERSHEY CO/THE	COM	427866108	7,224,923	38,752	SH	DFND	1	38,752	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J700	1,857,503	178,778	SH	DFND	1	178,778	0	0
HESS CORP	COM	42809H107	12,764,647	88,545	SH	DFND	1	88,545	0	0
HEWLETT PACKARD ENTERPRISE	COM	42824C109	12,083,630	711,639	SH	DFND	1	711,639	0	0
HEXCEL CORP	COM	428291108	8,379,180	113,616	SH	DFND	1	113,616	0	0
HF FOODS GROUP INC	COM	40417F109	106,891	20,017	SH	DFND	1	20,017	0	0
HF SINCLAIR CORP	COM	403949100	11,745,942	211,372	SH	DFND	1	211,372	0	0
HIBBETT INC	COM	428567101	479,869	6,663	SH	DFND	1	6,663	0	0
HIGHPEAK ENERGY INC	COM	43114Q105	85,212	5,984	SH	DFND	1	5,984	0	0
HIGHWOODS PROPERTIES INC	COM	431284108	133,581	5,818	SH	DFND	1	5,818	0	0
HILLENBRAND INC	COM	431571108	1,825,238	38,145	SH	DFND	1	38,145	0	0
HILLEVAX INC	COM	43157M102	209,148	13,031	SH	DFND	1	13,031	0	0
HILLMAN SOLUTIONS CORP	COM	431636109	894,420	97,114	SH	DFND	1	97,114	0	0
HILLTOP HOLDINGS INC	COM	432748101	894,299	25,399	SH	DFND	1	25,399	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	5,451,140	135,668	SH	DFND	1	135,668	0	0
HILTON WORLDWIDE HOLDINGS IN	COM	43300A203	17,249,568	94,731	SH	DFND	1	94,731	0	0
HIMALAYA SHIPPING LTD	ORD SHS	G4660A103	94,775	14,020	SH	DFND	1	14,020	0	0
HIMS plus HERS HEALTH INC	CL A	433000106	540,800	60,764	SH	DFND	1	60,764	0	0
HINGHAM INSTITUTION FOR SVGS	COM	433323102	143,856	740	SH	DFND	1	740	0	0
HIPPO HOLDINGS INC	COM	433539202	48,290	5,295	SH	DFND	1	5,295	0	0
HIREQUEST INC	COM	433535101	40,892	2,664	SH	DFND	1	2,664	0	0
HIRERIGHT HOLDINGS CORP	COM	433537107	91,998	6,840	SH	DFND	1	6,840	0	0
HNI CORP	COM	404251100	1,052,359	25,158	SH	DFND	1	25,158	0	0
HOLLEY INC	COM	43538H103	127,813	26,245	SH	DFND	1	26,245	0	0
HOLOGIC INC	COM	436440101	4,588,019	64,213	SH	DFND	1	64,213	0	0
HOME BANCORP INC	COM	43689E107	149,724	3,564	SH	DFND	1	3,564	0	0
HOME BANCSHARES INC	COM	436893200	8,785,052	346,824	SH	DFND	1	346,824	0	0
HOME DEPOT INC	COM	437076102	102,597,167	296,053	SH	DFND	1	296,053	0	0
HOMESTREET INC	COM	43785V102	92,721	9,002	SH	DFND	1	9,002	0	0
HOMETRUST BANCSHARES INC	COM	437872104	196,758	7,309	SH	DFND	1	7,309	0	0
HONEYWELL INTERNATIONAL INC	COM	438516106	44,722,964	213,261	SH	DFND	1	213,261	0	0
HOOKER FURNISHINGS CORP	COM	439038100	138,459	5,309	SH	DFND	1	5,309	0	0
HOPE BANCORP INC	COM	43940T109	761,632	63,049	SH	DFND	1	63,049	0	0
HORACE MANN EDUCATORS	COM	440327104	731,172	22,360	SH	DFND	1	22,360	0	0
HORIZON BANCORP INC/IN	COM	440407104	306,992	21,453	SH	DFND	1	21,453	0	0
HORMEL FOODS CORP	COM	440452100	3,914,081	121,896	SH	DFND	1	121,896	0	0
HOST HOTELS plus RESORTS INC	COM	44107P104	3,700,410	190,057	SH	DFND	1	190,057	0	0

HOULIHAN LOKEY INC	COM	441593100	8,362,883	69,743	SH	DFND	1	69,743	0	0
HOVNANIAN ENTERPRISES A	CL A	442487401	377,379	2,425	SH	DFND	1	2,425	0	0
HOWARD HUGHES HOLDINGS INC	COM	44267T102	23,697	277	SH	DFND	1	277	0	0
HOWMET AEROSPACE INC	COM	443201108	5,692,775	105,188	SH	DFND	1	105,188	0	0
HP INC	COM	40434L105	15,107,557	502,079	SH	DFND	1	502,079	0	0
HUB GROUP INC CL A	CL A	443320106	1,571,990	17,098	SH	DFND	1	17,098	0	0
HUBBELL INC	COM	443510607	4,792,839	14,571	SH	DFND	1	14,571	0	0
HUBSPOT INC	COM	443573100	448,757	773	SH	DFND	1	773	0	0
HUDSON PACIFIC PROPERTIES IN	COM	444097109	695,010	74,652	SH	DFND	1	74,652	0	0
HUDSON TECHNOLOGIES INC	COM	444144109	294,028	21,796	SH	DFND	1	21,796	0	0
HUMACYTE INC	COM	44486Q103	86,447	30,439	SH	DFND	1	30,439	0	0
HUMANA INC	COM	444859102	17,779,509	38,836	SH	DFND	1	38,836	0	0
HUNT (JB) TRANSPRT SVCS INC	COM	445658107	4,297,206	21,514	SH	DFND	1	21,514	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	4,829,072	379,644	SH	DFND	1	379,644	0	0
HUNTINGTON INGALLS INDUSTRIE	COM	446413106	2,703,372	10,412	SH	DFND	1	10,412	0	0
HUNTSMAN CORP	COM	447011107	34,931	1,390	SH	DFND	1	1,390	0	0
HURON CONSULTING GROUP INC	COM	447462102	973,413	9,469	SH	DFND	1	9,469	0	0
HYATT HOTELS CORP CL A	CL A	448579102	7,789,520	59,731	SH	DFND	1	59,731	0	0
HYLIION HOLDINGS CORP	COM	449109107	59,710	73,381	SH	DFND	1	73,381	0	0
HYSTER YALE MATERIALS	COM	449172105	344,284	5,536	SH	DFND	1	5,536	0	0
I 80 GOLD CORP	COM	44955L106	169,006	96,026	SH	DFND	1	96,026	0	0
I3 VERTICALS INC CLASS A	COM	46571Y107	237,146	11,202	SH	DFND	1	11,202	0	0
IAC INC	COM	44891N208	31,899	609	SH	DFND	1	609	0	0
IBEX LTD	SHS	G4690M101	88,149	4,637	SH	DFND	1	4,637	0	0
ICF INTERNATIONAL INC	COM	44925C103	1,248,914	9,314	SH	DFND	1	9,314	0	0
ICHOR HOLDINGS LTD	COM	G4740B105	523,417	15,564	SH	DFND	1	15,564	0	0
ICON PLC	PLC SHS	G4705A100	219,379	775	SH	DFND	1	775	0	0
ICOSAVAX INC	COM	45114M109	215,754	13,690	SH	DFND	1	13,690	0	0
ICU MEDICAL INC	COM	44930G107	111,509	1,118	SH	DFND	1	1,118	0	0
IDACORP INC	COM	451107106	6,721,942	68,368	SH	DFND	1	68,368	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	1,064,411	29,916	SH	DFND	1	29,916	0	0
IDEX CORP	COM	45167R104	4,317,015	19,884	SH	DFND	1	19,884	0	0
IDEXX LABORATORIES INC	COM	45168D104	17,442,446	31,425	SH	DFND	1	31,425	0	0
IDT CORP CLASS B	COM	448947507	259,902	7,624	SH	DFND	1	7,624	0	0
IES HOLDINGS INC	COM	44951W106	322,663	4,073	SH	DFND	1	4,073	0	0
IGM BIOSCIENCES INC	COM	449585108	54,879	6,604	SH	DFND	1	6,604	0	0
IHEARTMEDIA INC CLASS A	CL A	45174J509	137,863	51,634	SH	DFND	1	51,634	0	0
IKENA ONCOLOGY INC	COM	45175G108	30,310	15,386	SH	DFND	1	15,386	0	0
ILLINOIS TOOL WORKS	COM	452308109	23,062,245	88,044	SH	DFND	1	88,044	0	0
ILLUMINA INC	COM	452327109	7,452,264	53,521	SH	DFND	1	53,521	0	0
IMAX CORP	COM	45245E109	335,562	22,341	SH	DFND	1	22,341	0	0
IMMERSSION CORPORATION	COM	452521107	109,875	15,563	SH	DFND	1	15,563	0	0

IMMUNEERING CORP CLASS A	CL A	45254E107	81,791	11,128	SH	DFND	1	111,128	0	0
IMMUNITYBIO INC	COM	45256X103	330,828	65,902	SH	DFND	1	65,902	0	0
IMMUNOGEN INC	COM	45253H101	3,532,649	119,145	SH	DFND	1	119,145	0	0
IMMUNOVANT INC	COM	45258J102	1,129,927	26,820	SH	DFND	1	26,820	0	0
IMPINJ INC	COM	453204109	1,044,438	11,601	SH	DFND	1	11,601	0	0
INARI MEDICAL INC	COM	45332Y109	6,187,590	95,311	SH	DFND	1	95,311	0	0
INCYTE CORP	COM	45337C102	3,158,086	50,296	SH	DFND	1	50,296	0	0
INDEPENDENCE REALTY TRUST IN	COM	45378A106	6,333,068	413,926	SH	DFND	1	413,926	0	0
INDEPENDENT BANK CORP MICH	COM	453838609	257,858	9,910	SH	DFND	1	9,910	0	0
INDEPENDENT BANK CORP/MA	COM	453836108	1,582,270	24,043	SH	DFND	1	24,043	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	1,001,420	19,682	SH	DFND	1	19,682	0	0
INDIE SEMICONDUCTOR INC A	CL A	45569U101	607,382	74,893	SH	DFND	1	74,893	0	0
INFINERA CORP	COM	45667G103	471,148	99,189	SH	DFND	1	99,189	0	0
INFORMATICA INC CLASS A	CL A	45674M101	10,760	379	SH	DFND	1	379	0	0
INFORMATION SERVICES GROUP	COM	45675Y104	82,185	17,449	SH	DFND	1	17,449	0	0
INFUSYSTEM HOLDINGS INC	COM	45685K102	95,166	9,029	SH	DFND	1	9,029	0	0
INGERSOLL RAND INC	COM	45687V106	8,497,887	109,877	SH	DFND	1	109,877	0	0
INGEVITY CORP	COM	45688C107	933,256	19,764	SH	DFND	1	19,764	0	0
INGLES MARKETS INC CLASS A	COM	457030104	604,072	6,994	SH	DFND	1	6,994	0	0
INGREDION INC	COM	457187102	9,557,803	88,066	SH	DFND	1	88,066	0	0
INHIBRX INC	COM	45720L107	648,698	17,071	SH	DFND	1	17,071	0	0
INMODE LTD	LTD SHS	M5425M103	856,529	38,513	SH	DFND	1	38,513	0	0
INNODATA INC	COM	457642205	104,843	12,880	SH	DFND	1	12,880	0	0
INNOSPEC INC	COM	45768S105	1,673,353	13,578	SH	DFND	1	13,578	0	0
INNOVAGE HOLDING CORP	COM	45784A104	56,424	9,404	SH	DFND	1	9,404	0	0
INNOVATE CORP	COM	45784J105	33,188	26,982	SH	DFND	1	26,982	0	0
INNOVATIVE INDUSTRIAL PROPER	COM	45781V101	1,533,271	15,208	SH	DFND	1	15,208	0	0
INNOVIVA INC	COM	45781M101	518,028	32,296	SH	DFND	1	32,296	0	0
INOGEN INC	COM	45780L104	63,596	11,584	SH	DFND	1	11,584	0	0
INOZYME PHARMA INC	COM	45790W108	101,090	23,730	SH	DFND	1	23,730	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	2,760,620	15,580	SH	DFND	1	15,580	0	0
INSMED INC	COM	457669307	2,129,323	68,710	SH	DFND	1	68,710	0	0
INSPERITY INC	COM	45778Q107	7,647,081	65,237	SH	DFND	1	65,237	0	0
INSPIRE MEDICAL SYSTEMS INC	COM	457730109	98,867	486	SH	DFND	1	486	0	0
INSPIRED ENTERTAINMENT INC	COM	45782N108	106,585	10,788	SH	DFND	1	10,788	0	0
INSTALLED BUILDING PRODUCTS	COM	45780R101	2,357,830	12,897	SH	DFND	1	12,897	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	391,898	10,235	SH	DFND	1	10,235	0	0
INSTRUCTURE HOLDINGS INC	COM	457790103	261,916	9,697	SH	DFND	1	9,697	0	0
INSULET CORP	COM	45784P101	4,171,657	19,226	SH	DFND	1	19,226	0	0
INTAPP INC	COM	45827U109	523,840	13,778	SH	DFND	1	13,778	0	0
INTEGER HOLDINGS CORP	COM	45826H109	1,791,168	18,078	SH	DFND	1	18,078	0	0
INTEGRA LIFESCIENCES	COM	457985208	4,001,026	91,872	SH	DFND	1	91,872	0	0

HOLDING										
INTEGRAL AD SCIENCE HOLDING	COM	45828L108	347,317	24,136	SH	DFND	1	24,136	0	0
INTEL CORP	COM	458140100	71,727,805	1,427,419	SH	DFND	1	1,427,419	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,337,139	43,855	SH	DFND	1	43,855	0	0
INTER PARFUMS INC	COM	458334109	1,435,924	9,971	SH	DFND	1	9,971	0	0
INTERACTIVE BROKERS GRO CL A	CL A	45841N107	11,981,040	144,524	SH	DFND	1	144,524	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	22,863,237	178,021	SH	DFND	1	178,021	0	0
INTERDIGITAL INC	COM	45867G101	1,557,875	14,353	SH	DFND	1	14,353	0	0
INTERFACE INC	COM	458665304	394,249	31,240	SH	DFND	1	31,240	0	0
INTERNATIONAL BANCSHARES CRP	COM	459044103	5,343,730	98,375	SH	DFND	1	98,375	0	0
INTERNATIONAL GAME TECHNOLOG	COM	G4863A108	1,480,496	54,013	SH	DFND	1	54,013	0	0
INTERNATIONAL MONEY EXPRESS	COM	46005L101	351,695	15,921	SH	DFND	1	15,921	0	0
INTERNATIONAL PAPER CO	COM	460146103	3,280,143	90,737	SH	DFND	1	90,737	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	918,923	20,205	SH	DFND	1	20,205	0	0
INTERPUBLIC GROUP OF COS INC	COM	460690100	3,278,819	100,454	SH	DFND	1	100,454	0	0
INTEST CORP	COM	461147100	79,234	5,826	SH	DFND	1	5,826	0	0
INTEVAC INC	COM	461148108	55,611	12,873	SH	DFND	1	12,873	0	0
INTL BUSINESS MACHINES CORP	COM	459200101	37,932,806	231,934	SH	DFND	1	231,934	0	0
INTL FLAVORS plus FRAGRANCES	COM	459506101	5,420,213	66,941	SH	DFND	1	66,941	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	3,335,773	46,576	SH	DFND	1	46,576	0	0
INTREPID POTASH INC	COM	46121Y201	126,235	5,284	SH	DFND	1	5,284	0	0
INTUIT INC	COM	461202103	64,705,606	103,524	SH	DFND	1	103,524	0	0
INTUITIVE SURGICAL INC	COM	46120E602	39,360,129	116,671	SH	DFND	1	116,671	0	0
INVENTRUST PROPERTIES CORP	COM	46124J201	856,923	33,817	SH	DFND	1	33,817	0	0
INVESCO LTD	COM	G491BT108	2,090,384	117,174	SH	DFND	1	117,174	0	0
INVESCO MORTGAGE CAPITAL	COM	46131B704	198,092	22,358	SH	DFND	1	22,358	0	0
INVESTORS TITLE CO	COM	461804106	98,257	606	SH	DFND	1	606	0	0
INVITAE CORP	COM	46185L103	81,881	130,634	SH	DFND	1	130,634	0	0
INVITATION HOMES INC	COM	46187W107	5,155,351	151,139	SH	DFND	1	151,139	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	113,170	2,237	SH	DFND	1	2,237	0	0
IONQ INC	COM	46222L108	990,481	79,942	SH	DFND	1	79,942	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	926,901	114,010	SH	DFND	1	114,010	0	0
IPG PHOTONICS CORP	COM	44980X109	4,334,436	39,934	SH	DFND	1	39,934	0	0
IQIYI INC ADR	ADR	46267X108	28,021	5,742	SH	DFND	1	5,742	0	0
IQVIA HOLDINGS INC	COM	46266C105	11,640,496	50,309	SH	DFND	1	50,309	0	0
IRADIMED CORP	COM	46266A109	172,506	3,634	SH	DFND	1	3,634	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,633,002	15,256	SH	DFND	1	15,256	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	6,926,528	168,283	SH	DFND	1	168,283	0	0
IROBOT CORP	COM	462726100	578,333	14,944	SH	DFND	1	14,944	0	0
IRON MOUNTAIN INC	COM	46284V101	5,568,798	79,577	SH	DFND	1	79,577	0	0
IRONWOOD	COM	46333X108	862,084	75,357	SH	DFND	1	75,357	0	0

Company Name	ISIN	Market Cap	Volume	Price	Market Cap	Volume	Price	Market Cap	Volume	Price
PHARMACEUTICALS INC										
ISHARES 1 3 YEAR TREASURY BOND	1 3 YR TREAS BD	464287457	8,392,692	102,300	SH	DFND	1	102,300	0	0
ISHARES 10 20 YEAR TREASURY BO	10-20 YR TRS ETF	464288653	151,564	1,400	SH	DFND	1	1,400	0	0
ISHARES 20 YEAR TREASURY BOND	20 YR TR BD ETF	464287432	1,404,096	14,200	SH	DFND	1	14,200	0	0
ISHARES 3 7 YEAR TREASURY BOND	3 7 YR TREAS BD	464288661	8,808,176	75,200	SH	DFND	1	75,200	0	0
ISHARES 7 10 YEAR TREASURY BON	BARCLAYS 7 10 YR	464287440	2,130,219	22,100	SH	DFND	1	22,100	0	0
ISHARES CORE SplusP SMALL CAP ETF	CORE S&P SCP ETF	464287804	1,240,653	11,461	SH	DFND	1	11,461	0	0
ISHARES IBOXX INVESTMENT GRA	IBOXX INV CP ETF	464287242	14,031,688	126,800	SH	DFND	1	126,800	0	0
ISHARES MSCI CHINA A ETF	ETF	46434V514	3,297,188	127,699	SH	DFND	1	127,699	0	0
ISHARES MSCI EAFE ETF	MSCI EAFE ETF	464287465	3,790,105	50,300	SH	DFND	1	50,300	0	0
ISHARES RUSSELL 2000 ETF	RUSSELL 2000 ETF	464287655	8,831,240	44,000	SH	DFND	1	44,000	0	0
ISHARES RUSSELL MID CAP GROWTH	RUS MD CP GR ETF	464287481	1,765,374	16,900	SH	DFND	1	16,900	0	0
ISHARES RUSSELL MID CAP VALUE	RUS MDCP VAL ETF	464287473	1,286,749	11,065	SH	DFND	1	11,065	0	0
ISHARES SplusP 500 GROWTH ETF	ETF	464287309	675,900	9,000	SH	DFND	1	9,000	0	0
ISHARES SplusP 500 VALUE ETF	S&P 500 VAL ETF	464287408	21,958,655	126,279	SH	DFND	1	126,279	0	0
ISPIRE TECHNOLOGY INC	COM	46501C100	107,023	8,823	SH	DFND	1	8,823	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	134,882	12,318	SH	DFND	1	12,318	0	0
ITERIS INC	COM	46564T107	110,417	21,234	SH	DFND	1	21,234	0	0
ITRON INC	COM	465741106	1,872,270	24,795	SH	DFND	1	24,795	0	0
ITT INC	COM	45073V108	13,232,946	110,903	SH	DFND	1	110,903	0	0
IVANHOE ELECTRIC INC / US	COM	46578C108	316,653	31,414	SH	DFND	1	31,414	0	0
J plus J SNACK FOODS CORP	COM	466032109	1,373,389	8,217	SH	DFND	1	8,217	0	0
J. JILL INC	COM	46620W201	58,289	2,261	SH	DFND	1	2,261	0	0
JABIL INC	COM	466313103	4,462,695	35,029	SH	DFND	1	35,029	0	0
JACK HENRY plus ASSOCIATES INC	COM	426281101	3,153,323	19,297	SH	DFND	1	19,297	0	0
JACK IN THE BOX INC	COM	466367109	899,971	11,025	SH	DFND	1	11,025	0	0
JACKSON FINANCIAL INC A	CL A	46817M107	2,279,782	44,527	SH	DFND	1	44,527	0	0
JACOBS SOLUTIONS INC	COM	46982L108	4,285,736	33,018	SH	DFND	1	33,018	0	0
JAKKS PACIFIC INC	COM	47012E403	130,291	3,665	SH	DFND	1	3,665	0	0
JAMES RIVER GROUP HOLDINGS L	COM	G5005R107	170,136	18,413	SH	DFND	1	18,413	0	0
JAMF HOLDING CORP	COM	47074L105	635,062	35,164	SH	DFND	1	35,164	0	0
JANUS HENDERSON GROUP PLC	COM	G4474Y214	5,397,574	179,024	SH	DFND	1	179,024	0	0
JANUS INTERNATIONAL GROUP IN	COM	47103N106	551,180	42,236	SH	DFND	1	42,236	0	0
JANUX THERAPEUTICS INC	COM	47103J105	92,235	8,596	SH	DFND	1	8,596	0	0
JAZZ PHARMACEUTICALS PLC	COM	G50871105	10,491,900	85,300	SH	DFND	1	85,300	0	0
JBG SMITH PROPERTIES	COM	46590V100	927,810	54,545	SH	DFND	1	54,545	0	0
JEFFERIES FINANCIAL GROUP IN	COM	47233W109	9,193,154	227,497	SH	DFND	1	227,497	0	0

JELD WEN HOLDING INC	COM	47580P103	799,417	42,342	SH	DFND	1	42,342	0	0
JETBLUE AIRWAYS CORP	COM	477143101	1,014,662	182,822	SH	DFND	1	182,822	0	0
JM SMUCKER CO/THE	COM	832696405	3,882,773	30,723	SH	DFND	1	30,723	0	0
JOBY AVIATION INC	COM	G65163100	921,783	138,614	SH	DFND	1	138,614	0	0
JOHN B. SANFILIPPO plus SON INC	COM	800422107	502,732	4,879	SH	DFND	1	4,879	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	1,724,165	17,337	SH	DFND	1	17,337	0	0
JOHN MARSHALL BANCORP INC	COM	47805L101	139,759	6,195	SH	DFND	1	6,195	0	0
JOHNSON plus JOHNSON	COM	478160104	95,839,457	611,455	SH	DFND	1	611,455	0	0
JOHNSON CONTROLS INTERNATIONAL	COM	G51502105	9,960,307	172,802	SH	DFND	1	172,802	0	0
JOHNSON OUTDOORS INC A	COM	479167108	143,807	2,692	SH	DFND	1	2,692	0	0
JOINT CORP/THE	COM	47973J102	68,010	7,077	SH	DFND	1	7,077	0	0
JONES LANG LASALLE INC	COM	48020Q107	12,136,597	64,259	SH	DFND	1	64,259	0	0
JOYY INC ADR	ADS RESTG COM A	46591M109	29,775	750	SH	DFND	1	750	0	0
JPMORGAN CHASE plus CO	COM	46625H100	124,908,172	734,322	SH	DFND	1	734,322	0	0
JUNIPER NETWORKS INC	COM	48203R104	2,464,823	83,610	SH	DFND	1	83,610	0	0
KADANT INC	COM	48282T104	1,630,283	5,816	SH	DFND	1	5,816	0	0
KAISER ALUMINUM CORP	COM	483007704	618,285	8,685	SH	DFND	1	8,685	0	0
KALTURA INC	COM	483467106	81,691	41,893	SH	DFND	1	41,893	0	0
KALVISTA PHARMACEUTICALS INC	COM	483497103	188,515	15,389	SH	DFND	1	15,389	0	0
KAMAN CORP	COM	483548103	367,010	15,324	SH	DFND	1	15,324	0	0
KANZHUN LTD ADR	LTD SPONS ADS	48553T106	41,525	2,500	SH	DFND	1	2,500	0	0
KARAT PACKAGING INC	COM	48563L101	83,869	3,375	SH	DFND	1	3,375	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	180,094	569	SH	DFND	1	569	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	48,695	56,295	SH	DFND	1	56,295	0	0
KB HOME	COM	48666K109	8,634,221	138,236	SH	DFND	1	138,236	0	0
KBR INC	COM	48242W106	10,127,507	182,774	SH	DFND	1	182,774	0	0
KE HOLDINGS INC ADR	SPON ADS	482497104	152,374	9,400	SH	DFND	1	9,400	0	0
KEARNY FINANCIAL CORP/MD	COM	48716P108	249,886	27,858	SH	DFND	1	27,858	0	0
KELLANOVA	COM	487836108	5,015,015	89,698	SH	DFND	1	89,698	0	0
KELLY SERVICES INC A	COM	488152208	368,535	17,046	SH	DFND	1	17,046	0	0
KEMPER CORP	COM	488401100	3,960,375	81,372	SH	DFND	1	81,372	0	0
KENNAMETAL INC	COM	489170100	1,131,098	43,858	SH	DFND	1	43,858	0	0
KENNEDY WILSON HOLDINGS INC	COM	489398107	805,827	65,091	SH	DFND	1	65,091	0	0
KENVUE INC	COM	49177J102	9,425,231	437,772	SH	DFND	1	437,772	0	0
KEROS THERAPEUTICS INC	COM	492327101	444,835	11,188	SH	DFND	1	11,188	0	0
KEURIG DR PEPPER INC	COM	49271V100	16,864,485	506,137	SH	DFND	1	506,137	0	0
KEYCORP	COM	493267108	3,534,811	245,473	SH	DFND	1	245,473	0	0
KEYSIGHT TECHNOLOGIES IN	COM	49338L103	8,399,475	52,797	SH	DFND	1	52,797	0	0
KEZAR LIFE SCIENCES INC	COM	49372L100	33,607	35,473	SH	DFND	1	35,473	0	0

KFORCE INC	COM	493732101	643,847	9,530	SH	DFND	1	9,530	0	0
KILROY REALTY CORP	COM	49427F108	5,744,649	144,193	SH	DFND	1	144,193	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	321,001	11,911	SH	DFND	1	11,911	0	0
KIMBERLY CLARK CORP	COM	494368103	15,702,494	129,228	SH	DFND	1	129,228	0	0
KIMCO REALTY CORP	COM	49446R109	3,714,482	174,307	SH	DFND	1	174,307	0	0
KINDER MORGAN INC	COM	49456B101	8,664,645	491,193	SH	DFND	1	491,193	0	0
KINETIK HOLDINGS INC	CL A	02215L209	302,270	9,050	SH	DFND	1	9,050	0	0
KINGSWAY FINANCIAL SERVICES	COM	496904202	45,536	5,421	SH	DFND	1	5,421	0	0
KINIKA PHARMACEUTICALS A	COM	G5269C101	273,536	15,595	SH	DFND	1	15,595	0	0
KINSALE CAPITAL GROUP INC	COM	49714P108	10,022,182	29,925	SH	DFND	1	29,925	0	0
KIRBY CORP	COM	497266106	6,264,980	79,829	SH	DFND	1	79,829	0	0
KITE REALTY GROUP TRUST	COM	49803T300	9,209,037	402,845	SH	DFND	1	402,845	0	0
KKR plus CO INC	COM	48251W104	569,925	6,879	SH	DFND	1	6,879	0	0
KKR REAL ESTATE FINANCE TRUS	COM	48251K100	423,744	32,029	SH	DFND	1	32,029	0	0
KLA CORP	COM	482480100	28,849,919	49,630	SH	DFND	1	49,630	0	0
KLX ENERGY SERVICES HOLDING	COM	48253L205	70,893	6,296	SH	DFND	1	6,296	0	0
KNIFE RIVER CORP	COM	498894104	6,888,544	104,088	SH	DFND	1	104,088	0	0
KNIGHT SWIFT TRANSPORTATION	COM	499049104	12,557,842	217,829	SH	DFND	1	217,829	0	0
KNOWLES CORP	COM	49926D109	876,587	48,944	SH	DFND	1	48,944	0	0
KODIAK GAS SERVICES INC	COM	50012A108	158,331	7,885	SH	DFND	1	7,885	0	0
KODIAK SCIENCES INC	COM	50015M109	49,011	16,122	SH	DFND	1	16,122	0	0
KOHL'S CORP	COM	500255104	175,120	6,106	SH	DFND	1	6,106	0	0
KONTOOR BRANDS INC	COM	50050N103	1,891,513	30,303	SH	DFND	1	30,303	0	0
KOPPERS HOLDINGS INC	COM	50060P106	563,830	11,008	SH	DFND	1	11,008	0	0
KORN FERRY	COM	500643200	1,687,083	28,426	SH	DFND	1	28,426	0	0
KORU MEDICAL SYSTEMS INC	COM	759910102	41,922	17,076	SH	DFND	1	17,076	0	0
KOSMOS ENERGY LTD	COM	500688106	1,523,640	227,070	SH	DFND	1	227,070	0	0
KRAFT HEINZ CO/THE	COM	500754106	15,648,420	423,159	SH	DFND	1	423,159	0	0
KRATOS DEFENSE plus SECURITY	COM	50077B207	1,286,670	63,414	SH	DFND	1	63,414	0	0
KRISPY KREME INC	COM	50101L106	657,064	43,543	SH	DFND	1	43,543	0	0
KROGER CO	COM	501044101	7,928,765	173,458	SH	DFND	1	173,458	0	0
KRONOS WORLDWIDE INC	COM	50105F105	109,121	10,978	SH	DFND	1	10,978	0	0
KRYSTAL BIOTECH INC	COM	501147102	1,332,901	10,744	SH	DFND	1	10,744	0	0
KULICKE plus SOFFA INDUSTRIES	COM	501242101	1,655,718	30,258	SH	DFND	1	30,258	0	0
KURA ONCOLOGY INC	COM	50127T109	504,364	35,074	SH	DFND	1	35,074	0	0
KURA SUSHI USA INC CLASS A	COM	501270102	220,400	2,900	SH	DFND	1	2,900	0	0
KVH INDUSTRIES INC	COM	482738101	49,055	9,326	SH	DFND	1	9,326	0	0
KYMERA THERAPEUTICS INC	COM	501575104	480,838	18,886	SH	DFND	1	18,886	0	0
KYNDRYL HOLDINGS INC	COM	50155Q100	6,440,408	309,933	SH	DFND	1	309,933	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	10,140,089	48,144	SH	DFND	1	48,144	0	0
LA Z BOY INC	COM	505336107	871,866	23,615	SH	DFND	1	23,615	0	0
LABORATORY CRP OF	COM	50540R409	5,059,930	22,262	SH	DFND	1	22,262	0	0

AMER HLDGS											
LADDER CAPITAL CORP REIT	COM	505743104	648,381	56,332	SH	DFND	1	56,332	0	0	
LAKELAND BANCORP INC	COM	511637100	458,801	31,021	SH	DFND	1	31,021	0	0	
LAKELAND FINANCIAL CORP	COM	511656100	882,527	13,544	SH	DFND	1	13,544	0	0	
LAM RESEARCH CORP	COM	512807108	37,999,076	48,514	SH	DFND	1	48,514	0	0	
LAMAR ADVERTISING CO A	COM	512816109	12,633,929	118,874	SH	DFND	1	118,874	0	0	
LAMB WESTON HOLDINGS INC	COM	513272104	4,360,891	40,345	SH	DFND	1	40,345	0	0	
LANCASTER COLONY CORP	COM	513847103	6,165,581	37,055	SH	DFND	1	37,055	0	0	
LANDS END INC	COM	51509F105	70,457	7,370	SH	DFND	1	7,370	0	0	
LANDSEA HOMES CORP	COM	51509P103	132,018	10,047	SH	DFND	1	10,047	0	0	
LANDSTAR SYSTEM INC	COM	515098101	9,450,120	48,800	SH	DFND	1	48,800	0	0	
LANTHEUS HOLDINGS INC	COM	516544103	7,798,360	125,780	SH	DFND	1	125,780	0	0	
LANZATECH GLOBAL INC	COM	51655R101	51,583	10,255	SH	DFND	1	10,255	0	0	
LARIMAR THERAPEUTICS INC	COM	517125100	58,003	12,748	SH	DFND	1	12,748	0	0	
LAS VEGAS SANDS CORP	COM	517834107	4,746,698	96,458	SH	DFND	1	96,458	0	0	
LATHAM GROUP INC	COM	51819L107	50,791	19,312	SH	DFND	1	19,312	0	0	
LATTICE SEMICONDUCTOR CORP	COM	518415104	12,943,490	187,614	SH	DFND	1	187,614	0	0	
LAUREATE EDUCATION INC	COM	518613203	893,412	65,165	SH	DFND	1	65,165	0	0	
LAZARD LTD CL A	CL A	G54050102	31,320	900	SH	DFND	1	900	0	0	
LAZYDAYS HOLDINGS INC	COM	52110H100	26,684	3,785	SH	DFND	1	3,785	0	0	
LCI INDUSTRIES	COM	50189K103	1,694,948	13,483	SH	DFND	1	13,483	0	0	
LCNB CORPORATION	COM	50181P100	82,887	5,256	SH	DFND	1	5,256	0	0	
LEAR CORP	COM	521865204	11,112,380	78,694	SH	DFND	1	78,694	0	0	
LEGACY HOUSING CORP	COM	52472M101	124,360	4,931	SH	DFND	1	4,931	0	0	
LEGALZOOMCOM INC	COM	52466B103	665,819	58,922	SH	DFND	1	58,922	0	0	
LEGEND BIOTECH CORP ADR	SPONS ADS	52490G102	36,102	600	SH	DFND	1	600	0	0	
LEGGETT plus PLATT INC	COM	524660107	4,712,589	180,076	SH	DFND	1	180,076	0	0	
LEIDOS HOLDINGS INC	COM	525327102	3,901,944	36,049	SH	DFND	1	36,049	0	0	
LEMAITRE VASCULAR INC	COM	525558201	610,056	10,748	SH	DFND	1	10,748	0	0	
LEMONADE INC	COM	52567D107	406,686	25,213	SH	DFND	1	25,213	0	0	
LENDINGCLUB CORP	COM	52603A208	471,943	53,998	SH	DFND	1	53,998	0	0	
LENDINGTREE INC	COM	52603B107	160,453	5,292	SH	DFND	1	5,292	0	0	
LENNAR CORP B SHS	COM	526057302	14,477	108	SH	DFND	1	108	0	0	
LENNAR CORP A	COM	526057104	10,397,925	69,766	SH	DFND	1	69,766	0	0	
LENNOX INTERNATIONAL INC	COM	526107107	19,335,549	43,206	SH	DFND	1	43,206	0	0	
LEONARDO DRS INC	COM	52661A108	684,446	34,154	SH	DFND	1	34,154	0	0	
LESLIE S INC	COM	527064109	670,118	96,978	SH	DFND	1	96,978	0	0	
LEXICON PHARMACEUTICALS INC	COM	528872302	70,455	46,049	SH	DFND	1	46,049	0	0	
LGI HOMES INC	COM	50187T106	1,506,972	11,317	SH	DFND	1	11,317	0	0	
LI CYCLE HOLDINGS CORP	COM	50202P105	40,538	69,320	SH	DFND	1	69,320	0	0	
LIBERTY BROADBAND	COM	530307107	13,386	166	SH	DFND	1	166	0	0	

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LIBERTY BROADBAND C	COM	530307305	94,049	1,167	SH	DFND	1	1,167	0	0
LIBERTY ENERGY INC	COM	53115L104	1,613,172	88,929	SH	DFND	1	88,929	0	0
LIBERTY LATIN AMERIC CL A	CL A	G9001E102	127,845	17,489	SH	DFND	1	17,489	0	0
LIBERTY LATIN AMERIC CL C	COM	G9001E128	502,019	68,395	SH	DFND	1	68,395	0	0
LIBERTY MEDIA CORP CL A NEW	COM SER A	531229813	17,560	611	SH	DFND	1	611	0	0
LIBERTY MEDIA CORP LIB NEW A	COM SER A	531229771	11,364	196	SH	DFND	1	196	0	0
LIBERTY MEDIA CORP LIB NEW C	COM SER C	531229755	100,692	1,595	SH	DFND	1	1,595	0	0
LIBERTY MEDIA CORP LIBER NEW	COM SER C	531229789	36,349	1,263	SH	DFND	1	1,263	0	0
LIBERTY MEDIA CORP LIBERTY A	CL A	531229748	5,885	161	SH	DFND	1	161	0	0
LIBERTY MEDIA CORP LIBERTY C	CL C	531229722	14,358	384	SH	DFND	1	384	0	0
LIFE TIME GROUP HOLDINGS INC	COM	53190C102	334,851	22,205	SH	DFND	1	22,205	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	413,079	52,756	SH	DFND	1	52,756	0	0
LIGAND PHARMACEUTICALS	COM	53220K504	653,064	9,144	SH	DFND	1	9,144	0	0
LIGHT plus WONDER INC	COM	80874P109	13,656,782	166,323	SH	DFND	1	166,323	0	0
LIGHTWAVE LOGIC INC	COM	532275104	290,060	58,245	SH	DFND	1	58,245	0	0
LIMBACH HOLDINGS INC	COM	53263P105	208,071	4,576	SH	DFND	1	4,576	0	0
LIMONEIRA CO	COM	532746104	179,543	8,703	SH	DFND	1	8,703	0	0
LINCOLN EDUCATIONAL SERVICES	COM	533535100	118,211	11,774	SH	DFND	1	11,774	0	0
LINCOLN ELECTRIC HOLDINGS	COM	533900106	16,898,164	77,707	SH	DFND	1	77,707	0	0
LINCOLN NATIONAL CORP	COM	534187109	255,999	9,492	SH	DFND	1	9,492	0	0
LINDBLAD EXPEDITIONS HOLDING	COM	535219109	195,895	17,382	SH	DFND	1	17,382	0	0
LINDE PLC	PLC SHS	G54950103	60,987,560	148,493	SH	DFND	1	148,493	0	0
LINDSAY CORP	COM	535555106	776,897	6,015	SH	DFND	1	6,015	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	71,895	65,959	SH	DFND	1	65,959	0	0
LIONS GATE ENTERTAINMENT A	COM	535919401	315,849	28,977	SH	DFND	1	28,977	0	0
LIONS GATE ENTERTAINMENT B	COM	535919500	610,564	59,918	SH	DFND	1	59,918	0	0
LIQUIDIA CORP	COM	53635D202	283,800	23,591	SH	DFND	1	23,591	0	0
LIQUIDITY SERVICES INC	COM	53635B107	215,314	12,511	SH	DFND	1	12,511	0	0
LITHIA MOTORS INC	CL A	536797103	12,239,338	37,170	SH	DFND	1	37,170	0	0
LITTELFUSE INC	COM	537008104	8,994,832	33,618	SH	DFND	1	33,618	0	0
LIVANOVA PLC	COM	G5509L101	5,138,455	99,313	SH	DFND	1	99,313	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	3,681,288	39,330	SH	DFND	1	39,330	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	761,352	16,733	SH	DFND	1	16,733	0	0
LIVENT CORP	COM	53814L108	5,952,926	331,086	SH	DFND	1	331,086	0	0
LIVEPERSON INC	COM	538146101	147,886	39,020	SH	DFND	1	39,020	0	0
LIVERAMP HOLDINGS INC	COM	53815P108	1,356,104	35,800	SH	DFND	1	35,800	0	0
LIVEWIRE GROUP INC	COM	53838J105	108,191	9,566	SH	DFND	1	9,566	0	0
LKQ CORP	COM	501889208	3,352,994	70,161	SH	DFND	1	70,161	0	0

LOCKHEED MARTIN CORP	COM	539830109	25,419,965	56,085	SH	DFND	1	56,085	0	0
LOEWS CORP	COM	540424108	3,340,668	48,005	SH	DFND	1	48,005	0	0
LONGBOARD PHARMACEUTICALS IN	COM	54300N103	46,690	7,743	SH	DFND	1	7,743	0	0
LOOP MEDIA INC	COM	54352F206	19,084	19,084	SH	DFND	1	19,084	0	0
LOUISIANA PACIFIC CORP	COM	546347105	6,140,040	86,687	SH	DFND	1	86,687	0	0
LOVESAC CO/THE	COM	54738L109	178,262	6,977	SH	DFND	1	6,977	0	0
LOWE S COS INC	COM	548661107	37,769,406	169,712	SH	DFND	1	169,712	0	0
LPL FINANCIAL HOLDINGS INC	COM	50212V100	290,216	1,275	SH	DFND	1	1,275	0	0
LSB INDUSTRIES INC	COM	502160104	248,521	26,694	SH	DFND	1	26,694	0	0
LSI INDUSTRIES INC	COM	50216C108	196,134	13,930	SH	DFND	1	13,930	0	0
LTC PROPERTIES INC	COM	502175102	717,625	22,342	SH	DFND	1	22,342	0	0
LUCID GROUP INC	COM	549498103	25,790	6,126	SH	DFND	1	6,126	0	0
LUFAX HOLDING LTD ADR	ADR	54975P201	6,343	2,066	SH	DFND	1	2,066	0	0
LULULEMON ATHLETICA INC	COM	550021109	20,255,265	39,616	SH	DFND	1	39,616	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	1,004,011	548,640	SH	DFND	1	548,640	0	0
LUMENTUM HOLDINGS INC	COM	55024U109	4,744,010	90,500	SH	DFND	1	90,500	0	0
LUMINAR TECHNOLOGIES INC	CL A	550424105	456,392	135,428	SH	DFND	1	135,428	0	0
LUNA INNOVATIONS INC	COM	550351100	107,697	16,195	SH	DFND	1	16,195	0	0
LUTHER BURBANK CORP	COM	550550107	54,600	5,098	SH	DFND	1	5,098	0	0
LUXFER HOLDINGS PLC	COM	G5698W116	118,759	13,284	SH	DFND	1	13,284	0	0
LXP INDUSTRIAL TRUST	COM	529043101	1,566,150	157,878	SH	DFND	1	157,878	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	167,342	86,259	SH	DFND	1	86,259	0	0
LYFT INC A	COM	55087P104	87,032	5,806	SH	DFND	1	5,806	0	0
LYONDELLBASELL INDU CL A	CL A	N53745100	6,390,802	67,215	SH	DFND	1	67,215	0	0
M plus T BANK CORP	COM	55261F104	6,746,118	49,213	SH	DFND	1	49,213	0	0
M/I HOMES INC	COM	55305B101	2,025,880	14,708	SH	DFND	1	14,708	0	0
MACATAWA BANK CORP	COM	554225102	147,588	13,084	SH	DFND	1	13,084	0	0
MACERICH CO/THE	COM	554382101	1,814,923	117,623	SH	DFND	1	117,623	0	0
MACOM TECHNOLOGY SOLUTIONS H	COM	55405Y100	9,267,115	99,700	SH	DFND	1	99,700	0	0
MACROGENICS INC	COM	556099109	291,015	30,251	SH	DFND	1	30,251	0	0
MACY S INC	COM	55616P104	7,436,171	369,591	SH	DFND	1	369,591	0	0
MADISON SQUARE GARDEN ENTERT	CL A	558256103	628,266	19,763	SH	DFND	1	19,763	0	0
MADISON SQUARE GARDEN SPORTS	CL A	55825T103	170,375	937	SH	DFND	1	937	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	1,701,569	7,354	SH	DFND	1	7,354	0	0
MAGNITE INC	COM	55955D100	628,554	67,297	SH	DFND	1	67,297	0	0
MAGNOLIA OIL plus GAS CORP A	COM	559663109	1,900,111	89,249	SH	DFND	1	89,249	0	0
MAIDEN HOLDINGS LTD	LTD SHS	G5753U112	103,339	45,126	SH	DFND	1	45,126	0	0
MAINSTREET BANCSHARES INC	COM	56064Y100	85,892	3,462	SH	DFND	1	3,462	0	0
MALIBU BOATS INC A	COM	56117J100	554,395	10,113	SH	DFND	1	10,113	0	0
MAMMOTH ENERGY SERVICES INC	COM	56155L108	51,651	11,581	SH	DFND	1	11,581	0	0

MANHATTAN ASSOCIATES INC	COM	562750109	18,021,638	83,697	SH	DFND	1	83,697	0	0
MANITOWOC COMPANY INC	COM	563571405	289,254	17,331	SH	DFND	1	17,331	0	0
MANNKIND CORP	COM	56400P706	471,901	129,643	SH	DFND	1	129,643	0	0
MANPOWERGROUP INC	COM	56418H100	5,239,616	65,932	SH	DFND	1	65,932	0	0
MAPLEBEAR INC	COM	565394103	7,018	299	SH	DFND	1	299	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	2,487,497	105,896	SH	DFND	1	105,896	0	0
MARATHON OIL CORP	COM	565849106	3,801,165	157,333	SH	DFND	1	157,333	0	0
MARATHON PETROLEUM CORP	COM	56585A102	14,679,183	98,943	SH	DFND	1	98,943	0	0
MARAVAI LIFESCIENCES HLDGS A	CL A	56600D107	9,537	1,456	SH	DFND	1	1,456	0	0
MARCUS plus MILLICHAP INC	COM	566324109	564,171	12,916	SH	DFND	1	12,916	0	0
MARCUS CORPORATION	COM	566330106	192,616	13,211	SH	DFND	1	13,211	0	0
MARINE PRODUCTS CORP	COM	568427108	47,675	4,182	SH	DFND	1	4,182	0	0
MARINEMAX INC	COM	567908108	449,879	11,565	SH	DFND	1	11,565	0	0
MARINUS PHARMACEUTICALS INC	COM	56854Q200	273,989	25,206	SH	DFND	1	25,206	0	0
MARKEL GROUP INC	COM	570535104	153,349	108	SH	DFND	1	108	0	0
MARKETAXESS HOLDINGS INC	COM	57060D108	3,003,177	10,255	SH	DFND	1	10,255	0	0
MARKETWISE INC	CL A	57064P107	43,751	16,026	SH	DFND	1	16,026	0	0
MARQETA INC A	COM	57142B104	1,666,922	238,814	SH	DFND	1	238,814	0	0
MARRIOTT INTERNATIONAL CL A	CL A	571903202	19,398,370	86,020	SH	DFND	1	86,020	0	0
MARRIOTT VACATIONS WORLD	COM	57164Y107	3,789,574	44,641	SH	DFND	1	44,641	0	0
MARSH plus MCLENNAN COS	COM	571748102	30,616,836	161,592	SH	DFND	1	161,592	0	0
MARTEN TRANSPORT LTD	COM	573075108	663,010	31,602	SH	DFND	1	31,602	0	0
MARTIN MARIETTA MATERIALS	COM	573284106	8,328,804	16,694	SH	DFND	1	16,694	0	0
MARVELL TECHNOLOGY INC	COM	573874104	4,039,926	66,986	SH	DFND	1	66,986	0	0
MASCO CORP	COM	574599106	4,040,435	60,323	SH	DFND	1	60,323	0	0
MASIMO CORP	COM	574795100	7,070,224	60,321	SH	DFND	1	60,321	0	0
MASONITE INTERNATIONAL CORP	COM	575385109	935,662	11,052	SH	DFND	1	11,052	0	0
MASTEC INC	COM	576323109	6,183,447	81,662	SH	DFND	1	81,662	0	0
MASTERBRAND INC	COM	57638P104	1,046,435	70,467	SH	DFND	1	70,467	0	0
MASTERCARD INC A	COM	57636Q104	110,864,877	259,935	SH	DFND	1	259,935	0	0
MASTERCRAFT BOAT HOLDINGS IN	COM	57637H103	191,036	8,438	SH	DFND	1	8,438	0	0
MATADOR RESOURCES CO	COM	576485205	11,662,725	205,113	SH	DFND	1	205,113	0	0
MATCH GROUP INC	COM	57667L107	2,683,371	73,517	SH	DFND	1	73,517	0	0
MATERION CORP	COM	576690101	1,455,374	11,184	SH	DFND	1	11,184	0	0
MATIV HOLDINGS INC	COM	808541106	454,079	29,659	SH	DFND	1	29,659	0	0
MATSON INC	COM	57686G105	2,061,247	18,807	SH	DFND	1	18,807	0	0
MATTEL INC	COM	577081102	9,008,158	477,127	SH	DFND	1	477,127	0	0
MATTERPORT INC	CL A	577096100	341,652	127,008	SH	DFND	1	127,008	0	0
MATTHEWS INTL CORP CLASS A	COM	577128101	594,023	16,208	SH	DFND	1	16,208	0	0
MAUI LAND plus PINEAPPLE CO	COM	577345101	59,556	3,748	SH	DFND	1	3,748	0	0

MAXCYTE INC	COM	57777K106	204,168	43,440	SH	DFND	1	43,440	0	0
MAXEON SOLAR TECHNOLOGIE	LT SHS	Y58473102	104,847	14,623	SH	DFND	1	14,623	0	0
MAXIMUS INC	COM	577933104	9,380,915	111,864	SH	DFND	1	111,864	0	0
MAXLINEAR INC	COM	57776J100	982,010	41,313	SH	DFND	1	41,313	0	0
MAYVILLE ENGINEERING CO INC	COM	578605107	80,348	5,572	SH	DFND	1	5,572	0	0
MBIA INC	COM	55262C100	139,095	22,728	SH	DFND	1	22,728	0	0
MCCORMICK plus CO NON VTG SHRS	COM	579780206	5,435,558	79,444	SH	DFND	1	79,444	0	0
MCDONALD S CORP	COM	580135101	55,760,781	188,057	SH	DFND	1	188,057	0	0
MCGRATH RENTCORP	COM	580589109	1,469,292	12,283	SH	DFND	1	12,283	0	0
MCKESSON CORP	COM	58155Q103	15,647,798	33,798	SH	DFND	1	33,798	0	0
MDC HOLDINGS INC	COM	552676108	1,803,250	32,638	SH	DFND	1	32,638	0	0
MDU RESOURCES GROUP INC	COM	552690109	5,446,089	275,055	SH	DFND	1	275,055	0	0
MEDIAALPHA INC CLASS A	CL A	58450V104	125,326	11,240	SH	DFND	1	11,240	0	0
MEDICAL PROPERTIES TRUST INC	COM	58463J304	3,972,519	809,067	SH	DFND	1	809,067	0	0
MEDIFAST INC	COM	58470H101	393,170	5,849	SH	DFND	1	5,849	0	0
MEDPACE HOLDINGS INC	COM	58506Q109	9,717,308	31,701	SH	DFND	1	31,701	0	0
MEDTRONIC PLC	COM	G5960L103	27,841,062	337,959	SH	DFND	1	337,959	0	0
MEIRAGTX HOLDINGS PLC	COM	G59665102	113,780	16,208	SH	DFND	1	16,208	0	0
MERCADOLIBRE INC	COM	58733R102	5,520,820	3,513	SH	DFND	1	3,513	0	0
MERCANTILE BANK CORP	COM	587376104	315,004	7,801	SH	DFND	1	7,801	0	0
MERCER INTERNATIONAL INC	COM	588056101	19,548	2,062	SH	DFND	1	2,062	0	0
MERCHANTS BANCORP/IN	COM	58844R108	335,956	7,890	SH	DFND	1	7,890	0	0
MERCK plus CO. INC.	COM	58933Y105	71,491,936	655,769	SH	DFND	1	655,769	0	0
MERCURY GENERAL CORP	COM	589400100	543,980	14,580	SH	DFND	1	14,580	0	0
MERCURY SYSTEMS INC	COM	589378108	105,687	2,890	SH	DFND	1	2,890	0	0
MERIDIANLINK INC	COM	58985J105	323,422	13,057	SH	DFND	1	13,057	0	0
MERIT MEDICAL SYSTEMS INC	COM	589889104	2,353,621	30,985	SH	DFND	1	30,985	0	0
MERITAGE HOMES CORP	COM	59001A102	3,456,999	19,845	SH	DFND	1	19,845	0	0
MERRIMACK PHARMACEUTICALS IN	COM	590328209	69,786	5,204	SH	DFND	1	5,204	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	127,851	55,108	SH	DFND	1	55,108	0	0
MESA LABORATORIES INC	COM	59064R109	293,775	2,804	SH	DFND	1	2,804	0	0
META PLATFORMS INC CLASS A	COM	30303M102	242,580,469	685,333	SH	DFND	1	685,333	0	0
METHODE ELECTRONICS INC	COM	591520200	423,801	18,645	SH	DFND	1	18,645	0	0
METLIFE INC	COM	59156R108	10,443,779	157,928	SH	DFND	1	157,928	0	0
METROCITY BANKSHARES INC	COM	59165J105	218,222	9,085	SH	DFND	1	9,085	0	0
METROPOLITAN BANK HOLDING CO	COM	591774104	284,764	5,142	SH	DFND	1	5,142	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	7,249,862	5,977	SH	DFND	1	5,977	0	0
MFA FINANCIAL INC	COM	55272X607	573,451	50,883	SH	DFND	1	50,883	0	0
MGE ENERGY INC	COM	55277P104	1,312,499	18,151	SH	DFND	1	18,151	0	0
MGIC INVESTMENT CORP	COM	552848103	7,225,397	374,567	SH	DFND	1	374,567	0	0

MGM RESORTS INTERNATIONAL	COM	552953101	3,304,220	73,953	SH	DFND	1	73,953	0	0
MGP INGREDIENTS INC	COM	55303J106	849,439	8,622	SH	DFND	1	8,622	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	17,765,370	196,999	SH	DFND	1	196,999	0	0
MICRON TECHNOLOGY INC	COM	595112103	32,957,369	386,189	SH	DFND	1	386,189	0	0
MICROSOFT CORP	COM	594918104	875,527,163	2,328,282	SH	DFND	1	2,328,282	0	0
MICROSTRATEGY INC CL A	CL A	594972408	3,835,197	6,072	SH	DFND	1	6,072	0	0
MICROVAST HOLDINGS INC	COM	59516C106	149,617	106,869	SH	DFND	1	106,869	0	0
MICROVISION INC	COM	594960304	249,535	93,810	SH	DFND	1	93,810	0	0
MID AMERICA APARTMENT COMM	COM	59522J103	4,113,535	30,593	SH	DFND	1	30,593	0	0
MID PENN BANCORP INC	COM	59540G107	171,732	7,073	SH	DFND	1	7,073	0	0
MIDDLEBY CORP	COM	596278101	10,655,255	72,401	SH	DFND	1	72,401	0	0
MIDDLEFIELD BANC CORP	COM	596304204	126,437	3,906	SH	DFND	1	3,906	0	0
MIDDLESEX WATER CO	COM	596680108	626,868	9,553	SH	DFND	1	9,553	0	0
MIDLAND STATES BANCORP INC	COM	597742105	284,998	10,341	SH	DFND	1	10,341	0	0
MIDWESTONE FINANCIAL GROUP I	COM	598511103	190,388	7,075	SH	DFND	1	7,075	0	0
MILLER INDUSTRIES INC/TENN	COM	600551204	233,695	5,526	SH	DFND	1	5,526	0	0
MILLERKNOLL INC	COM	600544100	1,071,309	40,154	SH	DFND	1	40,154	0	0
MIMEDX GROUP INC	COM	602496101	503,091	57,365	SH	DFND	1	57,365	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	1,263,328	17,716	SH	DFND	1	17,716	0	0
MINERALYS THERAPEUTICS INC	COM	603170101	83,042	9,656	SH	DFND	1	9,656	0	0
MINISO GROUP HOLDING LTD ADR	LTD SPONS ADS	66981J102	26,520	1,300	SH	DFND	1	1,300	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	26,438	450	SH	DFND	1	450	0	0
MIRION TECHNOLOGIES INC	CL A	60471A101	1,021,351	99,644	SH	DFND	1	99,644	0	0
MIRUM PHARMACEUTICALS INC	COM	604749101	363,126	12,301	SH	DFND	1	12,301	0	0
MISSION PRODUCE INC	COM	60510V108	243,169	24,100	SH	DFND	1	24,100	0	0
MISTER CAR WASH INC	COM	60646V105	42,345	4,901	SH	DFND	1	4,901	0	0
MISTRAS GROUP INC	COM	60649T107	75,784	10,353	SH	DFND	1	10,353	0	0
MITEK SYSTEMS INC	COM	606710200	282,329	21,651	SH	DFND	1	21,651	0	0
MKS INSTRUMENTS INC	COM	55306N104	8,738,395	84,946	SH	DFND	1	84,946	0	0
MODEL N INC	COM	607525102	509,139	18,906	SH	DFND	1	18,906	0	0
MODERNA INC	COM	60770K107	11,964,730	120,309	SH	DFND	1	120,309	0	0
MODINE MANUFACTURING CO	COM	607828100	1,528,081	25,596	SH	DFND	1	25,596	0	0
MODIVCARE INC	COM	60783X104	304,235	6,916	SH	DFND	1	6,916	0	0
MOELIS plus CO CLASS A	COM	60786M105	2,040,887	36,360	SH	DFND	1	36,360	0	0
MOHAWK INDUSTRIES INC	COM	608190104	1,434,510	13,860	SH	DFND	1	13,860	0	0
MOLINA HEALTHCARE INC	COM	60855R100	6,913,306	19,134	SH	DFND	1	19,134	0	0
MOLSON COORS BEVERAGE CO B	CL B	60871R209	2,966,849	48,470	SH	DFND	1	48,470	0	0
MONARCH CASINO plus RESORT INC	COM	609027107	506,593	7,326	SH	DFND	1	7,326	0	0
MONDAY.COM LTD	LTD SHS	M7S64H106	835,379	4,448	SH	DFND	1	4,448	0	0

MONDEE HOLDINGS INC	CL A	465712107	62,288	22,568	SH	DFND	1	22,568	0	0
MONDELEZ INTERNATIONAL INC A	COM	609207105	32,372,661	446,951	SH	DFND	1	446,951	0	0
MONGODB INC	COM	60937P106	2,489,897	6,090	SH	DFND	1	6,090	0	0
MONOLITHIC POWER SYSTEMS INC	COM	609839105	8,656,194	13,723	SH	DFND	1	13,723	0	0
MONRO INC	COM	610236101	497,988	16,973	SH	DFND	1	16,973	0	0
MONSTER BEVERAGE CORP	COM	61174X109	23,582,135	409,341	SH	DFND	1	409,341	0	0
MONTAUK RENEWABLES INC	COM	61218C103	295,304	33,143	SH	DFND	1	33,143	0	0
MONTE ROSA THERAPEUTICS INC	COM	61225M102	85,654	15,160	SH	DFND	1	15,160	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	445,836	13,876	SH	DFND	1	13,876	0	0
MOODY S CORP	COM	615369105	19,210,865	49,188	SH	DFND	1	49,188	0	0
MOOG INC CLASS A	COM	615394202	2,239,167	15,466	SH	DFND	1	15,466	0	0
MORGAN STANLEY	COM	617446448	35,667,659	382,495	SH	DFND	1	382,495	0	0
MORNINGSTAR INC	COM	617700109	10,134,327	35,405	SH	DFND	1	35,405	0	0
MORPHIC HOLDING INC	COM	61775R105	527,464	18,264	SH	DFND	1	18,264	0	0
MOSAIC CO/THE	COM	61945C103	3,063,454	85,739	SH	DFND	1	85,739	0	0
MOTOROLA SOLUTIONS INC	COM	620076307	14,195,814	45,341	SH	DFND	1	45,341	0	0
MOVADO GROUP INC	COM	624580106	251,933	8,356	SH	DFND	1	8,356	0	0
MP MATERIALS CORP	CL A	553368101	3,855,327	194,223	SH	DFND	1	194,223	0	0
MR COOPER GROUP INC	COM	62482R107	2,290,726	35,177	SH	DFND	1	35,177	0	0
MRC GLOBAL INC	COM	55345K103	459,436	41,729	SH	DFND	1	41,729	0	0
MSA SAFETY INC	COM	553498106	8,435,929	49,967	SH	DFND	1	49,967	0	0
MSC INDUSTRIAL DIRECT CO A	COM	553530106	6,342,319	62,634	SH	DFND	1	62,634	0	0
MSCI INC	COM	55354G100	12,810,276	22,647	SH	DFND	1	22,647	0	0
MUELLER INDUSTRIES INC	COM	624756102	2,880,582	61,094	SH	DFND	1	61,094	0	0
MUELLER WATER PRODUCTS INC A	COM	624758108	1,111,651	77,198	SH	DFND	1	77,198	0	0
MULTIPLAN CORP	COM	62548M100	275,471	191,299	SH	DFND	1	191,299	0	0
MURAL ONCOLOGY PLC	ORD SHS	G63365103	48,828	8,248	SH	DFND	1	8,248	0	0
MURPHY OIL CORP	COM	626717102	11,558,684	270,949	SH	DFND	1	270,949	0	0
MURPHY USA INC	COM	626755102	9,382,520	26,314	SH	DFND	1	26,314	0	0
MVB FINANCIAL CORP	COM	553810102	127,306	5,643	SH	DFND	1	5,643	0	0
MYERS INDUSTRIES INC	COM	628464109	389,201	19,908	SH	DFND	1	19,908	0	0
MYR GROUP INC/DELAWARE	COM	55405W104	1,296,174	8,962	SH	DFND	1	8,962	0	0
MYRIAD GENETICS INC	COM	62855J104	848,285	44,320	SH	DFND	1	44,320	0	0
N ABLE INC	COM	62878D100	504,123	38,047	SH	DFND	1	38,047	0	0
N B T BANCORP INC	COM	628778102	1,047,750	25,000	SH	DFND	1	25,000	0	0
NABORS INDUSTRIES LTD	COM	G6359F137	406,109	4,975	SH	DFND	1	4,975	0	0
NACCO INDUSTRIES CL A	CL A	629579103	76,212	2,088	SH	DFND	1	2,088	0	0
NANO X IMAGING LTD	LTD ORD SHS	M70700105	151,077	23,717	SH	DFND	1	23,717	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	17,592	23,506	SH	DFND	1	23,506	0	0
NAPCO SECURITY TECHNOLOGIES	COM	630402105	565,570	16,513	SH	DFND	1	16,513	0	0
NASDAQ INC	COM	631103108	5,400,218	92,883	SH	DFND	1	92,883	0	0
NATERA INC	COM	632307104	113,817	1,817	SH	DFND	1	1,817	0	0
NATHAN S FAMOUS INC	COM	632347100	109,292	1,401	SH	DFND	1	1,401	0	0

NATIONAL BANK HOLD CL A	CL A	633707104	747,296	20,094	SH	DFND	1	20,094	0	0
NATIONAL BANKSHARES INC/VA	COM	634865109	92,909	2,872	SH	DFND	1	2,872	0	0
NATIONAL BEVERAGE CORP	COM	635017106	640,692	12,886	SH	DFND	1	12,886	0	0
NATIONAL FUEL GAS CO	COM	636180101	6,221,180	124,002	SH	DFND	1	124,002	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	632,430	6,843	SH	DFND	1	6,843	0	0
NATIONAL PRESTO INDS INC	COM	637215104	225,667	2,811	SH	DFND	1	2,811	0	0
NATIONAL RESEARCH CORP	COM	637372202	283,250	7,160	SH	DFND	1	7,160	0	0
NATIONAL STORAGE AFFILIATES	COM	637870106	4,329,219	104,394	SH	DFND	1	104,394	0	0
NATIONAL VISION HOLDINGS INC	COM	63845R107	885,360	42,301	SH	DFND	1	42,301	0	0
NATIONAL WESTERN LIFE GROU A	COM	638517102	546,779	1,132	SH	DFND	1	1,132	0	0
NATL HEALTH INVESTORS INC	COM	63633D104	1,159,781	20,766	SH	DFND	1	20,766	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	74,256	4,641	SH	DFND	1	4,641	0	0
NATURES SUNSHINE PRODS INC	COM	639027101	113,353	6,556	SH	DFND	1	6,556	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	75,031	25,094	SH	DFND	1	25,094	0	0
NAVIENT CORP	COM	63938C108	870,783	46,766	SH	DFND	1	46,766	0	0
NAVITAS SEMICONDUCTOR CORP	COM	63942X106	438,911	54,388	SH	DFND	1	54,388	0	0
NCINO INC	COM	63947X101	21,086	627	SH	DFND	1	627	0	0
NCR ATLEOS CORP	COM	63001N106	89,193	3,672	SH	DFND	1	3,672	0	0
NCR VOYIX CORP	COM	62886E108	124,458	7,360	SH	DFND	1	7,360	0	0
NELNET INC CL A	CL A	64031N108	566,020	6,416	SH	DFND	1	6,416	0	0
NEOGEN CORP	COM	640491106	7,493,469	372,624	SH	DFND	1	372,624	0	0
NEOGENOMICS INC	COM	64049M209	1,121,695	69,326	SH	DFND	1	69,326	0	0
NERDWALLET INC CL A	CL A	64082B102	247,355	16,804	SH	DFND	1	16,804	0	0
NERDY INC	CL A	64081V109	106,652	31,094	SH	DFND	1	31,094	0	0
NET LEASE OFFICE PROPERTY	COM	64110Y108	2,144	116	SH	DFND	1	116	0	0
NETAPP INC	COM	64110D104	12,795,542	145,140	SH	DFND	1	145,140	0	0
NETFLIX INC	COM	64110L106	76,878,352	157,900	SH	DFND	1	157,900	0	0
NETGEAR INC	COM	64111Q104	209,617	14,377	SH	DFND	1	14,377	0	0
NETSCOUT SYSTEMS INC	COM	64115T104	830,237	37,824	SH	DFND	1	37,824	0	0
NETSTREIT CORP	COM	64119V303	614,076	34,402	SH	DFND	1	34,402	0	0
NEUMORA THERAPEUTICS INC	COM	640979100	126,068	7,394	SH	DFND	1	7,394	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	17,595,626	133,543	SH	DFND	1	133,543	0	0
NEVRO CORP	COM	64157F103	379,936	17,655	SH	DFND	1	17,655	0	0
NEW FORTRESS ENERGY INC	CL A	644393100	41,352	1,096	SH	DFND	1	1,096	0	0
NEW JERSEY RESOURCES CORP	COM	646025106	7,994,754	179,335	SH	DFND	1	179,335	0	0
NEW YORK COMMUNITY BANCORP	COM	649445103	9,982,751	975,831	SH	DFND	1	975,831	0	0
NEW YORK MORTGAGE TRUST INC	COM	649604840	422,397	49,519	SH	DFND	1	49,519	0	0
NEW YORK TIMES CO A	COM	650111107	10,826,986	221,004	SH	DFND	1	221,004	0	0
NEWELL BRANDS INC	COM	651229106	182,454	21,020	SH	DFND	1	21,020	0	0
NEWMARK GROUP INC	COM	65158N102	748,305	68,276	SH	DFND	1	68,276	0	0

CLASS A											
NEWMARKET CORP	COM	651587107	5,087,681	9,321	SH	DFND	1	9,321	0	0	
NEWMONT CORP	COM	651639106	12,116,302	292,735	SH	DFND	1	292,735	0	0	
NEWPARK RESOURCES INC	COM	651718504	252,114	37,969	SH	DFND	1	37,969	0	0	
NEWS CORP CLASS A	COM	65249B109	2,450,041	99,798	SH	DFND	1	99,798	0	0	
NEWS CORP CLASS B	COM	65249B208	774,635	30,118	SH	DFND	1	30,118	0	0	
NEWTEKONE INC	COM	652526203	159,901	11,587	SH	DFND	1	11,587	0	0	
NEXPOINT DIVERSIFIED REAL ES	COM	65340G205	121,285	15,256	SH	DFND	1	15,256	0	0	
NEXPOINT REAL ESTATE FINANCE	COM	65342V101	63,173	4,011	SH	DFND	1	4,011	0	0	
NEXPOINT RESIDENTIAL	COM	65341D102	423,386	12,297	SH	DFND	1	12,297	0	0	
NEXSTAR MEDIA GROUP INC	CL A	65336K103	6,842,294	43,651	SH	DFND	1	43,651	0	0	
NEXTDECADE CORP	COM	65342K105	185,200	38,826	SH	DFND	1	38,826	0	0	
NEXTDOOR HOLDINGS INC	CL A	65345M108	136,751	72,355	SH	DFND	1	72,355	0	0	
NEXTERA ENERGY INC	COM	65339F101	31,653,983	521,139	SH	DFND	1	521,139	0	0	
NEXTNAV INC	COM	65345N106	122,615	27,554	SH	DFND	1	27,554	0	0	
NEXTRACKER INC CL A	CL A	65290E101	1,156,211	24,679	SH	DFND	1	24,679	0	0	
NGM BIOPHARMACEUTICALS INC	COM	62921N105	18,609	21,664	SH	DFND	1	21,664	0	0	
NI HOLDINGS INC	COM	65342T106	53,324	4,105	SH	DFND	1	4,105	0	0	
NICOLET BANKSHARES INC	COM	65406E102	515,152	6,401	SH	DFND	1	6,401	0	0	
NIKE INC CL B	COM	654106103	34,437,970	317,196	SH	DFND	1	317,196	0	0	
NIKOLA CORP	COM	654110105	270,423	309,125	SH	DFND	1	309,125	0	0	
NIO INC ADR	ADR	62914V106	163,523	18,029	SH	DFND	1	18,029	0	0	
NIOCORP DEVELOPMENTS LTD	LTD COM	654484609	3,346	1,049	SH	DFND	1	1,049	0	0	
NISOURCE INC	COM	65473P105	2,877,170	108,368	SH	DFND	1	108,368	0	0	
NKARTA INC	COM	65487U108	99,198	15,030	SH	DFND	1	15,030	0	0	
NL INDUSTRIES	COM	629156407	23,411	4,173	SH	DFND	1	4,173	0	0	
NLIGHT INC	COM	65487K100	300,591	22,266	SH	DFND	1	22,266	0	0	
NMI HOLDINGS INC CLASS A	COM	629209305	1,306,929	44,034	SH	DFND	1	44,034	0	0	
NNN REIT INC	COM	637417106	10,621,004	246,427	SH	DFND	1	246,427	0	0	
NOBLE CORP PLC	ORD SHS A	G65431127	2,697,971	56,021	SH	DFND	1	56,021	0	0	
NOODLES plus CO	COM	65540B105	62,865	19,957	SH	DFND	1	19,957	0	0	
NORDIC AMERICAN TANKERS LTD	COM	G65773106	428,698	102,071	SH	DFND	1	102,071	0	0	
NORDSON CORP	COM	655663102	3,758,468	14,228	SH	DFND	1	14,228	0	0	
NORDSTROM INC	COM	655664100	2,420,179	131,175	SH	DFND	1	131,175	0	0	
NORFOLK SOUTHERN CORP	COM	655844108	13,577,431	57,439	SH	DFND	1	57,439	0	0	
NORTHEAST BANK	COM	66405S100	184,445	3,342	SH	DFND	1	3,342	0	0	
NORTHEAST COMMUNITY BANCORP	COM	664121100	111,993	6,313	SH	DFND	1	6,313	0	0	
NORTHERN OIL AND GAS INC	COM	665531307	1,782,214	48,077	SH	DFND	1	48,077	0	0	
NORTHERN TRUST CORP	COM	665859104	4,579,556	54,273	SH	DFND	1	54,273	0	0	
NORTHFIELD BANCORP INC	COM	66611T108	274,169	21,794	SH	DFND	1	21,794	0	0	
NORTHRIM BANCORP INC	COM	666762109	153,094	2,676	SH	DFND	1	2,676	0	0	
NORTHROP GRUMMAN CORP	COM	666807102	16,854,444	36,003	SH	DFND	1	36,003	0	0	

NORTHWEST BANCSHARES INC	COM	667340103	865,550	69,355	SH	DFND	1	69,355	0	0
NORTHWEST NATURAL HOLDING CO	COM	66765N105	762,874	19,591	SH	DFND	1	19,591	0	0
NORTHWEST PIPE CO	COM	667746101	148,032	4,892	SH	DFND	1	4,892	0	0
NORTHWESTERN ENERGY GROUP IN	COM	668074305	5,744,667	112,884	SH	DFND	1	112,884	0	0
NORWEGIAN CRUISE LINE HOLDIN	COM	G66721104	2,354,900	117,510	SH	DFND	1	117,510	0	0
NORWOOD FINANCIAL CORP	COM	669549107	119,101	3,619	SH	DFND	1	3,619	0	0
NOV INC	COM	62955J103	10,790,805	532,091	SH	DFND	1	532,091	0	0
NOVAGOLD RESOURCES INC	COM	66987E206	449,757	120,256	SH	DFND	1	120,256	0	0
NOVANTA INC	COM	67000B104	11,096,030	65,887	SH	DFND	1	65,887	0	0
NOVAVAX INC	COM	670002401	227,232	47,340	SH	DFND	1	47,340	0	0
NOVOCURE LTD	COM	G6674U108	26,501	1,775	SH	DFND	1	1,775	0	0
NRG ENERGY INC	COM	629377508	3,061,467	59,216	SH	DFND	1	59,216	0	0
NRG ENERGY INC	COM NEW	629377508	1,758	34	SH	DFND	2	34	0	0
NU HOLDINGS LTD/CAYMAN ISL A	CL A	G6683N103	276,206	33,158	SH	DFND	1	33,158	0	0
NU SKIN ENTERPRISES INC A	COM	67018T105	526,534	27,113	SH	DFND	1	27,113	0	0
NUCOR CORP	COM	670346105	12,619,292	72,508	SH	DFND	1	72,508	0	0
NURIX THERAPEUTICS INC	COM	67080M103	244,182	23,661	SH	DFND	1	23,661	0	0
NUSCALE POWER CORP	CL A	67079K100	88,804	26,992	SH	DFND	1	26,992	0	0
NUTANIX INC A	COM	67059N108	119,750	2,511	SH	DFND	1	2,511	0	0
NUVALENT INC A	COM	670703107	972,050	13,209	SH	DFND	1	13,209	0	0
NUVATION BIO INC	CL A	67080N101	109,341	72,411	SH	DFND	1	72,411	0	0
NUVECTIS PHARMA INC	COM	67080T108	30,816	3,695	SH	DFND	1	3,695	0	0
NV5 GLOBAL INC	COM	62945V109	834,733	7,512	SH	DFND	1	7,512	0	0
NVE CORP	COM	629445206	185,958	2,371	SH	DFND	1	2,371	0	0
NVENT ELECTRIC PLC	COM	G6700G107	13,241,951	224,098	SH	DFND	1	224,098	0	0
NVIDIA CORP	COM	67066G104	383,206,683	773,811	SH	DFND	1	773,811	0	0
NVR INC	COM	62944T105	6,083,391	869	SH	DFND	1	869	0	0
NXP SEMICONDUCTORS NV	COM	N6596X109	20,886,640	90,938	SH	DFND	1	90,938	0	0
O I GLASS INC	COM	67098H104	1,385,076	84,559	SH	DFND	1	84,559	0	0
O REILLY AUTOMOTIVE INC	COM	67103H107	21,953,499	23,107	SH	DFND	1	23,107	0	0
OAK VALLEY BANCORP	COM	671807105	100,243	3,347	SH	DFND	1	3,347	0	0
OCCIDENTAL PETROLEUM CORP	COM	674599105	11,565,409	193,693	SH	DFND	1	193,693	0	0
OCEAN BIOMEDICAL INC	COM	67644C104	2,847	4,314	SH	DFND	1	4,314	0	0
OCEANEERING INTL INC	COM	675232102	1,164,293	54,713	SH	DFND	1	54,713	0	0
OCEANFIRST FINANCIAL CORP	COM	675234108	503,006	28,975	SH	DFND	1	28,975	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	177,196	39,730	SH	DFND	1	39,730	0	0
OCWEN FINANCIAL CORP	COM	675746606	98,247	3,194	SH	DFND	1	3,194	0	0
ODP CORP/THE	COM	88337F105	997,186	17,712	SH	DFND	1	17,712	0	0
OFFICE PROPERTIES INCOME TRU	COM	67623C109	175,226	23,938	SH	DFND	1	23,938	0	0
OFG BANCORP	COM	67103X102	943,222	25,166	SH	DFND	1	25,166	0	0
OGE ENERGY CORP	COM	670837103	9,449,927	270,539	SH	DFND	1	270,539	0	0
OIL DRI CORP OF AMERICA	COM	677864100	163,675	2,440	SH	DFND	1	2,440	0	0

OIL STATES INTERNATIONAL INC	COM	678026105	233,298	34,359	SH	DFND	1	34,359	0	0
OKTA INC	COM	679295105	121,582	1,343	SH	DFND	1	1,343	0	0
OLAPLEX HOLDINGS INC	COM	679369108	2,720	1,071	SH	DFND	1	1,071	0	0
OLD DOMINION FREIGHT LINE	COM	679580100	15,104,622	37,265	SH	DFND	1	37,265	0	0
OLD NATIONAL BANCORP	COM	680033107	9,097,275	538,619	SH	DFND	1	538,619	0	0
OLD REPUBLIC INTL CORP	COM	680223104	10,355,209	352,218	SH	DFND	1	352,218	0	0
OLD SECOND BANCORP INC	COM	680277100	333,226	21,582	SH	DFND	1	21,582	0	0
OLEMA PHARMACEUTICALS INC	COM	68062P106	187,230	13,345	SH	DFND	1	13,345	0	0
OLIN CORP	COM	680665205	8,930,613	165,535	SH	DFND	1	165,535	0	0
OLLIE S BARGAIN OUTLET HOLDI	COM	681116109	6,338,333	83,520	SH	DFND	1	83,520	0	0
OLO INC CLASS A	CL A	68134L109	294,168	51,428	SH	DFND	1	51,428	0	0
OLYMPIC STEEL INC	COM	68162K106	357,645	5,362	SH	DFND	1	5,362	0	0
OMEGA FLEX INC	COM	682095104	114,720	1,627	SH	DFND	1	1,627	0	0
OMEGA HEALTHCARE INVESTORS	COM	681936100	10,146,252	330,928	SH	DFND	1	330,928	0	0
OMEGA THERAPEUTICS INC	COM	68217N105	36,463	12,114	SH	DFND	1	12,114	0	0
OMEROS CORP	COM	682143102	98,950	30,260	SH	DFND	1	30,260	0	0
OMNIAB INC	COM	68218J103	285,967	46,348	SH	DFND	1	46,348	0	0
OMNICELL INC	COM	68213N109	921,333	24,484	SH	DFND	1	24,484	0	0
OMNICOM GROUP	COM	681919106	4,489,696	51,898	SH	DFND	1	51,898	0	0
ON SEMICONDUCTOR	COM	682189105	12,428,262	148,788	SH	DFND	1	148,788	0	0
ON24 INC	COM	68339B104	121,659	15,439	SH	DFND	1	15,439	0	0
ONE GAS INC	COM	68235P108	6,493,641	101,909	SH	DFND	1	101,909	0	0
ONE GROUP HOSPITALITY INC/TH	COM	88338K103	66,806	10,916	SH	DFND	1	10,916	0	0
ONE LIBERTY PROPERTIES INC	COM	682406103	177,055	8,081	SH	DFND	1	8,081	0	0
ONEMAIN HOLDINGS INC	COM	68268W103	45,362	922	SH	DFND	1	922	0	0
ONEOK INC	COM	682680103	11,049,398	157,354	SH	DFND	1	157,354	0	0
ONESPAN INC	COM	68287N100	213,607	19,926	SH	DFND	1	19,926	0	0
ONESPAWORLD HOLDINGS LTD	COM	P73684113	585,009	41,490	SH	DFND	1	41,490	0	0
ONEWATER MARINE INC CL A	CL A	68280L101	193,887	5,738	SH	DFND	1	5,738	0	0
ONTO INNOVATION INC	COM	683344105	13,799,990	90,255	SH	DFND	1	90,255	0	0
OOMA INC	COM	683416101	128,653	11,990	SH	DFND	1	11,990	0	0
OPEN LENDING CORP	CL A	68373J104	421,151	49,489	SH	DFND	1	49,489	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	1,238,057	276,352	SH	DFND	1	276,352	0	0
OPENLANE INC	COM	48238T109	870,280	58,763	SH	DFND	1	58,763	0	0
OPKO HEALTH INC	COM	68375N103	302,749	200,496	SH	DFND	1	200,496	0	0
OPPFI INC	CL A	68386H103	27,382	5,348	SH	DFND	1	5,348	0	0
OPTIMIZERX CORP	COM	68401U204	115,009	8,037	SH	DFND	1	8,037	0	0
OPTINOSE INC	COM	68404V100	46,753	36,243	SH	DFND	1	36,243	0	0
OPTION CARE HEALTH INC	COM	68404L201	10,820,184	321,169	SH	DFND	1	321,169	0	0
ORACLE CORP	COM	68389X105	44,551,661	422,571	SH	DFND	1	422,571	0	0
ORANGE COUNTY BANCORP INC	COM	68417L107	152,949	2,539	SH	DFND	1	2,539	0	0
ORASURE	COM	68554V108	321,735	39,236	SH	DFND	1	39,236	0	0

TECHNOLOGIES INC											
ORCHESTRA BIOMED HOLDINGS IN	COM	68572M106	66,129	7,243	SH	DFND	1	7,243	0	0	
ORCHID ISLAND CAPITAL INC	COM	68571X301	220,630	26,172	SH	DFND	1	26,172	0	0	
ORGANOGENESIS HOLDINGS INC	COM	68621F102	142,802	34,915	SH	DFND	1	34,915	0	0	
ORGANON plus CO	COM	68622V106	203,351	14,102	SH	DFND	1	14,102	0	0	
ORIC PHARMACEUTICALS INC	COM	68622P109	178,489	19,401	SH	DFND	1	19,401	0	0	
ORIGIN BANCORP INC	COM	68621T102	516,334	14,516	SH	DFND	1	14,516	0	0	
ORIGIN MATERIALS INC	COM	68622D106	48,585	58,102	SH	DFND	1	58,102	0	0	
ORION OFFICE REIT INC	COM	68629Y103	162,585	28,424	SH	DFND	1	28,424	0	0	
ORION SA	COM	L72967109	763,823	27,545	SH	DFND	1	27,545	0	0	
ORMAT TECHNOLOGIES INC	COM	686688102	7,481,913	98,719	SH	DFND	1	98,719	0	0	
ORRSTOWN FINL SERVICES INC	COM	687380105	150,155	5,090	SH	DFND	1	5,090	0	0	
ORTHOFIX MEDICAL INC	COM	68752M108	235,657	17,482	SH	DFND	1	17,482	0	0	
ORTHOPEDIATRICS CORP	COM	68752L100	256,471	7,889	SH	DFND	1	7,889	0	0	
OSCAR HEALTH INC CLASS A	CL A	687793109	717,378	78,402	SH	DFND	1	78,402	0	0	
OSHKOSH CORP	COM	688239201	9,578,782	88,357	SH	DFND	1	88,357	0	0	
OSI SYSTEMS INC	COM	671044105	1,128,155	8,742	SH	DFND	1	8,742	0	0	
OTIS WORLDWIDE CORP	COM	68902V107	9,794,728	109,475	SH	DFND	1	109,475	0	0	
OTTER TAIL CORP	COM	689648103	1,911,485	22,496	SH	DFND	1	22,496	0	0	
OUTBRAIN INC	COM	69002R103	89,374	20,405	SH	DFND	1	20,405	0	0	
OUTFRONT MEDIA INC	COM	69007J106	1,119,927	80,224	SH	DFND	1	80,224	0	0	
OUTLOOK THERAPEUTICS INC	COM	69012T206	30,801	78,175	SH	DFND	1	78,175	0	0	
OUTSET MEDICAL INC	COM	690145107	134,455	24,853	SH	DFND	1	24,853	0	0	
OVERSEAS SHIPHOLDING GROUP A	CL A	69036R863	161,868	30,715	SH	DFND	1	30,715	0	0	
OVID THERAPEUTICS INC	COM	690469101	95,438	29,639	SH	DFND	1	29,639	0	0	
OVINTIV INC	COM	69047Q102	15,101,365	343,838	SH	DFND	1	343,838	0	0	
OWENS plus MINOR INC	COM	690732102	780,801	40,519	SH	DFND	1	40,519	0	0	
OWENS CORNING	COM	690742101	17,794,567	120,047	SH	DFND	1	120,047	0	0	
OXFORD INDUSTRIES INC	COM	691497309	813,700	8,137	SH	DFND	1	8,137	0	0	
P G plus E CORP	COM	69331C108	10,072,928	558,676	SH	DFND	1	558,676	0	0	
P.A.M. TRANSPORTATION SVCS	COM	693149106	63,878	3,074	SH	DFND	1	3,074	0	0	
P10 INC A	CL A	69376K106	222,070	21,729	SH	DFND	1	21,729	0	0	
P3 HEALTH PARTNERS INC	CL A	744413105	28,592	20,278	SH	DFND	1	20,278	0	0	
PACCAR INC	COM	693718108	17,381,309	177,996	SH	DFND	1	177,996	0	0	
PACIFIC BIOSCIENCES OF CALIF	COM	69404D108	1,229,173	125,298	SH	DFND	1	125,298	0	0	
PACIFIC PREMIER BANCORP INC	COM	69478X105	1,505,074	51,703	SH	DFND	1	51,703	0	0	
PACIRA BIOSCIENCES INC	COM	695127100	837,562	24,824	SH	DFND	1	24,824	0	0	
PACKAGING CORP OF AMERICA	COM	695156109	3,827,408	23,494	SH	DFND	1	23,494	0	0	
PACTIV EVERGREEN INC	COM	69526K105	272,939	19,908	SH	DFND	1	19,908	0	0	
PAGERDUTY INC	COM	69553P100	1,043,417	45,072	SH	DFND	1	45,072	0	0	
PAGSEGURO DIGITAL	CL A	G68707101	1,231,550	98,761	SH	DFND	1	98,761	0	0	

LTD CL A											
PALANTIR TECHNOLOGIES INC A	CL A	69608A108	553,561	32,240	SH	DFND	1	32,240	0	0	
PALO ALTO NETWORKS INC	COM	697435105	33,657,603	114,140	SH	DFND	1	114,140	0	0	
PALOMAR HOLDINGS INC	COM	69753M105	737,540	13,289	SH	DFND	1	13,289	0	0	
PANGAEA LOGISTICS SOLUTIONS	L SHS	G6891L105	149,210	18,108	SH	DFND	1	18,108	0	0	
PAPA JOHN S INTL INC	COM	698813102	1,363,755	17,890	SH	DFND	1	17,890	0	0	
PAR PACIFIC HOLDINGS INC	COM	69888T207	1,094,701	30,099	SH	DFND	1	30,099	0	0	
PAR TECHNOLOGY CORP/DEL	COM	698884103	576,861	13,249	SH	DFND	1	13,249	0	0	
PARAGON 28 INC	COM	69913P105	271,347	21,830	SH	DFND	1	21,830	0	0	
PARAMOUNT GLOBAL CLASS A	CL A	92556H107	1,475	75	SH	DFND	1	75	0	0	
PARAMOUNT GLOBAL CLASS B	CL B	92556H206	1,882,590	127,288	SH	DFND	1	127,288	0	0	
PARAMOUNT GROUP INC	COM	69924R108	475,723	92,016	SH	DFND	1	92,016	0	0	
PARK AEROSPACE CORP	COM	70014A104	135,960	9,249	SH	DFND	1	9,249	0	0	
PARK HOTELS plus RESORTS INC	COM	700517105	4,340,151	283,670	SH	DFND	1	283,670	0	0	
PARK NATIONAL CORP	COM	700658107	1,036,574	7,802	SH	DFND	1	7,802	0	0	
PARK OHIO HOLDINGS CORP	COM	700666100	114,742	4,256	SH	DFND	1	4,256	0	0	
PARKE BANCORP INC	COM	700885106	105,280	5,199	SH	DFND	1	5,199	0	0	
PARKER HANNIFIN CORP	COM	701094104	16,070,598	34,883	SH	DFND	1	34,883	0	0	
PARSONS CORP	COM	70202L102	1,287,248	20,527	SH	DFND	1	20,527	0	0	
PATHWARD FINANCIAL INC	COM	59100U108	751,712	14,202	SH	DFND	1	14,202	0	0	
PATRIA INVESTMENTS LTD A	CL A	G69451105	419,390	27,040	SH	DFND	1	27,040	0	0	
PATRICK INDUSTRIES INC	COM	703343103	1,163,859	11,598	SH	DFND	1	11,598	0	0	
PATTERSON COS INC	COM	703395103	4,465,654	156,965	SH	DFND	1	156,965	0	0	
PATTERSON UTI ENERGY INC	COM	703481101	2,062,530	190,975	SH	DFND	1	190,975	0	0	
PAYCHEX INC	COM	704326107	17,445,208	146,463	SH	DFND	1	146,463	0	0	
PAYCOM SOFTWARE INC	COM	70432V102	3,375,117	16,327	SH	DFND	1	16,327	0	0	
PAYCOR HCM INC	COM	70435P102	16,948	785	SH	DFND	1	785	0	0	
PAYLOCITY HOLDING CORP	COM	70438V106	9,690,707	58,785	SH	DFND	1	58,785	0	0	
PAYONEER GLOBAL INC	COM	70451X104	750,339	144,019	SH	DFND	1	144,019	0	0	
PAYPAL HOLDINGS INC	COM	70450Y103	23,530,961	383,178	SH	DFND	1	383,178	0	0	
PAYSAFE LTD	LTD SHS	G6964L206	206,431	16,140	SH	DFND	1	16,140	0	0	
PAYSIGN INC	COM	70451A104	45,444	16,230	SH	DFND	1	16,230	0	0	
PBF ENERGY INC CLASS A	COM	69318G106	8,858,907	201,522	SH	DFND	1	201,522	0	0	
PC CONNECTION INC	COM	69318J100	418,248	6,223	SH	DFND	1	6,223	0	0	
PCB BANCORP	COM	69320M109	99,927	5,422	SH	DFND	1	5,422	0	0	
PDD HOLDINGS INC	ADR	722304102	7,786,472	53,219	SH	DFND	1	53,219	0	0	
PDF SOLUTIONS INC	COM	693282105	535,742	16,669	SH	DFND	1	16,669	0	0	
PDS BIOTECHNOLOGY CORP	COM	70465T107	69,078	13,899	SH	DFND	1	13,899	0	0	
PEABODY ENERGY CORP	COM	704551100	1,383,370	56,882	SH	DFND	1	56,882	0	0	
PEAKSTONE REALTY TRUST	COM	39818P799	358,640	17,995	SH	DFND	1	17,995	0	0	
PEAPACK GLADSTONE	COM	704699107	250,190	8,390	SH	DFND	1	8,390	0	0	

FINL CORP										
PEBBLEBROOK HOTEL TRUST	COM	70509V100	1,035,536	64,802	SH	DFND	1	64,802	0	0
PEDIATRIX MEDICAL GROUP INC	COM	58502B106	425,326	45,734	SH	DFND	1	45,734	0	0
PEGASYSYSTEMS INC	COM	705573103	34,642	709	SH	DFND	1	709	0	0
PELOTON INTERACTIVE INC A	CL A	70614W100	34,591	5,680	SH	DFND	1	5,680	0	0
PENN ENTERTAINMENT INC	COM	707569109	5,333,423	204,974	SH	DFND	1	204,974	0	0
PENNANT GROUP INC/THE	COM	70805E109	197,330	14,176	SH	DFND	1	14,176	0	0
PENNS WOODS BANCORP INC	COM	708430103	76,714	3,408	SH	DFND	1	3,408	0	0
PENNYMAC FINANCIAL SERVICES	COM	70932M107	1,121,504	12,691	SH	DFND	1	12,691	0	0
PENNYMAC MORTGAGE INVESTMENT	COM	70931T103	707,299	47,311	SH	DFND	1	47,311	0	0
PENSKE AUTOMOTIVE GROUP INC	COM	70959W103	4,226,228	26,330	SH	DFND	1	26,330	0	0
PENTAIR PLC	COM	G7S00T104	3,251,591	44,720	SH	DFND	1	44,720	0	0
PENUMBRA INC	COM	70975L107	13,188,494	52,431	SH	DFND	1	52,431	0	0
PEOPLES BANCORP INC	COM	709789101	586,006	17,358	SH	DFND	1	17,358	0	0
PEOPLES FINANCIAL SERVICES	COM	711040105	166,164	3,412	SH	DFND	1	3,412	0	0
PEPGEN INC	COM	713317105	33,973	4,996	SH	DFND	1	4,996	0	0
PEPSICO INC	COM	713448108	76,542,812	450,676	SH	DFND	1	450,676	0	0
PERDOCEO EDUCATION CORP	COM	71363P106	624,662	35,573	SH	DFND	1	35,573	0	0
PERELLA WEINBERG PARTNERS	CL A	71367G102	255,742	20,911	SH	DFND	1	20,911	0	0
PERFICIENT INC	COM	71375U101	1,231,097	18,704	SH	DFND	1	18,704	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	14,575,990	210,788	SH	DFND	1	210,788	0	0
PERFORMANT FINANCIAL CORP	COM	71377E105	104,541	33,453	SH	DFND	1	33,453	0	0
PERIMETER SOLUTIONS SA	COM	L7579L106	349,135	75,899	SH	DFND	1	75,899	0	0
PERMIAN RESOURCES CORP	CL A	71424F105	10,231,090	752,286	SH	DFND	1	752,286	0	0
PERPETUA RESOURCES CORP	COM	714266103	59,517	18,775	SH	DFND	1	18,775	0	0
PERRIGO CO PLC	COM	G97822103	5,890,002	183,033	SH	DFND	1	183,033	0	0
PETCO HEALTH AND WELLNESS CO	COM	71601V105	2,130	674	SH	DFND	1	674	0	0
PETIQ INC	COM	71639T106	268,343	13,587	SH	DFND	1	13,587	0	0
PETMED EXPRESS INC	COM	716382106	77,225	10,215	SH	DFND	1	10,215	0	0
PFIZER INC	COM	717081103	41,290,647	1,434,201	SH	DFND	1	1,434,201	0	0
PGT INNOVATIONS INC	COM	69336V101	1,257,386	30,894	SH	DFND	1	30,894	0	0
PHATHOM PHARMACEUTICALS INC	COM	71722W107	145,514	15,938	SH	DFND	1	15,938	0	0
PHIBRO ANIMAL HEALTH CORP A	COM	71742Q106	128,804	11,123	SH	DFND	1	11,123	0	0
PHILIP MORRIS INTERNATIONAL	COM	718172109	37,743,297	401,183	SH	DFND	1	401,183	0	0
PHILLIPS 66	COM	718546104	15,366,087	115,413	SH	DFND	1	115,413	0	0
PHILLIPS EDISON plus COMPANY IN	COM	71844V201	2,345,810	64,304	SH	DFND	1	64,304	0	0
PHINIA INC	COM	71880K101	78,027	2,576	SH	DFND	1	2,576	0	0
PHOTRONICS INC	COM	719405102	1,044,715	33,303	SH	DFND	1	33,303	0	0
PHREESIA INC	COM	71944F106	609,817	26,342	SH	DFND	1	26,342	0	0
PHYSICIANS REALTY	COM	71943U104	5,837,460	438,577	SH	DFND	1	438,577	0	0

TRUST										
PIEDMONT LITHIUM INC	COM	72016P105	251,783	8,919	SH	DFND	1	8,919	0	0
PIEDMONT OFFICE REALTY TRU A	COM	720190206	436,739	61,426	SH	DFND	1	61,426	0	0
PILGRIM S PRIDE CORP	COM	72147K108	1,504,206	54,382	SH	DFND	1	54,382	0	0
PINNACLE FINANCIAL PARTNERS	COM	72346Q104	9,043,842	103,690	SH	DFND	1	103,690	0	0
PINNACLE WEST CAPITAL	COM	723484101	2,136,162	29,735	SH	DFND	1	29,735	0	0
PINTEREST INC CLASS A	CL A	72352L106	366,881	9,905	SH	DFND	1	9,905	0	0
PIONEER BANCORP INC/NY	COM	723561106	58,058	5,800	SH	DFND	1	5,800	0	0
PIONEER NATURAL RESOURCES CO	COM	723787107	14,615,176	64,991	SH	DFND	1	64,991	0	0
PIPER SANDLER COS	COM	724078100	1,632,586	9,336	SH	DFND	1	9,336	0	0
PITNEY BOWES INC	COM	724479100	415,677	94,472	SH	DFND	1	94,472	0	0
PJT PARTNERS INC A	COM	69343T107	1,308,928	12,849	SH	DFND	1	12,849	0	0
PLANET FITNESS INC CL A	CL A	72703H101	8,450,553	115,761	SH	DFND	1	115,761	0	0
PLANET LABS PBC	CL A	72703X106	215,206	87,128	SH	DFND	1	87,128	0	0
PLAYAGS INC	COM	72814N104	154,783	18,361	SH	DFND	1	18,361	0	0
PLAYSTUDIOS INC	CL A	72815G108	115,267	42,534	SH	DFND	1	42,534	0	0
PLAYTIKA HOLDING CORP	COM	72815L107	3,165	363	SH	DFND	1	363	0	0
PLEXUS CORP	COM	729132100	1,615,787	14,943	SH	DFND	1	14,943	0	0
PLIANT THERAPEUTICS INC	COM	729139105	514,451	28,407	SH	DFND	1	28,407	0	0
PLUG POWER INC	COM	72919P202	19,454	4,323	SH	DFND	1	4,323	0	0
PLUMAS BANCORP	COM	729273102	112,431	2,719	SH	DFND	1	2,719	0	0
PLYMOUTH INDUSTRIAL REIT INC	COM	729640102	528,673	21,964	SH	DFND	1	21,964	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	59,424	19,169	SH	DFND	1	19,169	0	0
PNC FINANCIAL SERVICES GROUP	COM	693475105	18,854,226	121,758	SH	DFND	1	121,758	0	0
PNM RESOURCES INC	COM	69349H107	6,568,099	157,887	SH	DFND	1	157,887	0	0
POLARIS INC	COM	731068102	6,800,032	71,753	SH	DFND	1	71,753	0	0
PONCE FINANCIAL GROUP INC	COM	732344106	94,418	9,674	SH	DFND	1	9,674	0	0
POOL CORP	COM	73278L105	4,613,075	11,570	SH	DFND	1	11,570	0	0
POPULAR INC	COM	733174700	47,436	578	SH	DFND	1	578	0	0
PORTILLO S INC CL A	CL A	73642K106	359,014	22,537	SH	DFND	1	22,537	0	0
PORTLAND GENERAL ELECTRIC CO	COM	736508847	8,075,846	186,337	SH	DFND	1	186,337	0	0
POSEIDA THERAPEUTICS INC	COM	73730P108	113,508	33,782	SH	DFND	1	33,782	0	0
POST HOLDINGS INC	COM	737446104	6,044,350	68,639	SH	DFND	1	68,639	0	0
POSTAL REALTY TRUST INC A	CL A	73757R102	147,769	10,149	SH	DFND	1	10,149	0	0
POTBELLY CORP	COM	73754Y100	135,189	12,974	SH	DFND	1	12,974	0	0
POTLATCHDELTIC CORP	COM	737630103	7,164,132	145,909	SH	DFND	1	145,909	0	0
POWELL INDUSTRIES INC	COM	739128106	440,939	4,988	SH	DFND	1	4,988	0	0
POWER INTEGRATIONS INC	COM	739276103	8,588,049	104,592	SH	DFND	1	104,592	0	0
POWERSCHOOL HOLDINGS INC A	CL A	73939C106	656,735	27,875	SH	DFND	1	27,875	0	0
PPG INDUSTRIES INC	COM	693506107	9,492,537	63,474	SH	DFND	1	63,474	0	0
PPL CORP	COM	69351T106	5,238,484	193,302	SH	DFND	1	193,302	0	0
PRA GROUP INC	COM	69354N106	551,562	21,052	SH	DFND	1	21,052	0	0

PRECIGEN INC	COM	74017N105	89,994	67,160	SH	DFND	1	67,160	0	0
PREFERRED BANK/LOS ANGELES	COM	740367404	513,030	7,023	SH	DFND	1	7,023	0	0
PREFORMED LINE PRODUCTS CO	COM	740444104	165,451	1,236	SH	DFND	1	1,236	0	0
PRELUDE THERAPEUTICS INC	COM	74065P101	31,585	7,397	SH	DFND	1	7,397	0	0
PREMIER FINANCIAL CORP	COM	74052F108	423,823	17,586	SH	DFND	1	17,586	0	0
PREMIER INC CLASS A	COM	74051N102	147,442	6,594	SH	DFND	1	6,594	0	0
PRESTIGE CONSUMER HEALTHCARE	COM	74112D101	1,659,429	27,106	SH	DFND	1	27,106	0	0
PRESTO AUTOMATION INC	COM	74113T105	974	1,833	SH	DFND	1	1,833	0	0
PRICESMART INC	COM	741511109	1,037,580	13,692	SH	DFND	1	13,692	0	0
PRIME MEDICINE INC	COM	74168J101	174,214	19,663	SH	DFND	1	19,663	0	0
PRIMEENERGY RESOURCES CORP	COM	74158E104	38,392	361	SH	DFND	1	361	0	0
PRIMERICA INC	COM	74164M108	9,779,361	47,528	SH	DFND	1	47,528	0	0
PRIMIS FINANCIAL CORP	COM	74167B109	127,537	10,074	SH	DFND	1	10,074	0	0
PRIMO WATER CORP	COM	74167P108	1,171,492	77,840	SH	DFND	1	77,840	0	0
PRIMORIS SERVICES CORP	COM	74164F103	877,076	26,410	SH	DFND	1	26,410	0	0
PRINCETON BANCORP INC	COM	74179A107	90,719	2,527	SH	DFND	1	2,527	0	0
PRINCIPAL FINANCIAL GROUP	COM	74251V102	4,539,338	57,701	SH	DFND	1	57,701	0	0
PRIORITY TECHNOLOGY HOLDINGS	COM	74275G107	31,253	8,779	SH	DFND	1	8,779	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	1,400,362	60,806	SH	DFND	1	60,806	0	0
PROASSURANCE CORP	COM	74267C106	390,422	28,312	SH	DFND	1	28,312	0	0
PROCEPT BIOROBOTICS CORP	COM	74276L105	840,715	20,060	SH	DFND	1	20,060	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	93,170	1,346	SH	DFND	1	1,346	0	0
PROCTER plus GAMBLE CO/THE	COM	742718109	89,337,525	609,646	SH	DFND	1	609,646	0	0
PROFRAC HOLDING CORP A	CL A	74319N100	109,485	12,911	SH	DFND	1	12,911	0	0
PROG HOLDINGS INC	COM	74319R101	746,013	24,135	SH	DFND	1	24,135	0	0
PROGRESS SOFTWARE CORP	COM	743312100	1,286,584	23,694	SH	DFND	1	23,694	0	0
PROGRESSIVE CORP	COM	743315103	28,323,966	177,825	SH	DFND	1	177,825	0	0
PROGYNY INC	COM	74340E103	5,630,762	151,446	SH	DFND	1	151,446	0	0
PROKIDNEY CORP	CL A ORD SHS	G7S53R104	39,813	22,367	SH	DFND	1	22,367	0	0
PROLOGIS INC	COM	74340W103	36,567,256	274,323	SH	DFND	1	274,323	0	0
PROPETRO HOLDING CORP	COM	74347M108	435,802	52,005	SH	DFND	1	52,005	0	0
PROS HOLDINGS INC	COM	74346Y103	862,302	22,230	SH	DFND	1	22,230	0	0
PROSPERITY BANCSHARES INC	COM	743606105	8,570,080	126,533	SH	DFND	1	126,533	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	650,983	28,390	SH	DFND	1	28,390	0	0
PROTALIX BIOTHERAPEUTICS INC	COM	74365A309	58,696	32,975	SH	DFND	1	32,975	0	0
PROTHENA CORP PLC	COM	G72800108	762,159	20,973	SH	DFND	1	20,973	0	0
PROTO LABS INC	COM	743713109	558,102	14,325	SH	DFND	1	14,325	0	0
PROVIDENT FINANCIAL SERVICES	COM	74386T105	722,426	40,068	SH	DFND	1	40,068	0	0

PRUDENTIAL FINANCIAL INC	COM	744320102	9,819,470	94,682	SH	DFND	1	94,682	0	0
PTC INC	COM	69370C100	5,686,200	32,500	SH	DFND	1	32,500	0	0
PTC THERAPEUTICS INC	COM	69366J200	987,061	35,815	SH	DFND	1	35,815	0	0
PUBLIC SERVICE ENTERPRISE GP	COM	744573106	7,990,042	130,663	SH	DFND	1	130,663	0	0
PUBLIC STORAGE	COM	74460D109	13,797,590	45,238	SH	DFND	1	45,238	0	0
PUBMATIC INC CLASS A	CL A	74467Q103	346,848	21,266	SH	DFND	1	21,266	0	0
PULMONX CORP	COM	745848101	232,471	18,233	SH	DFND	1	18,233	0	0
PULSE BIOSCIENCES INC	COM	74587B101	98,263	8,028	SH	DFND	1	8,028	0	0
PULTEGROUP INC	COM	745867101	6,100,508	59,102	SH	DFND	1	59,102	0	0
PURE CYCLE CORP	COM	746228303	101,810	9,724	SH	DFND	1	9,724	0	0
PURE STORAGE INC CLASS A	COM	74624M102	152,589	4,279	SH	DFND	1	4,279	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	233,916	57,757	SH	DFND	1	57,757	0	0
PURPLE INNOVATION INC	COM	74640Y106	28,071	27,253	SH	DFND	1	27,253	0	0
PVH CORP	COM	693656100	9,967,068	81,617	SH	DFND	1	81,617	0	0
Q2 HOLDINGS INC	COM	74736L109	1,229,111	28,314	SH	DFND	1	28,314	0	0
QCR HOLDINGS INC	COM	74727A104	478,740	8,199	SH	DFND	1	8,199	0	0
QIAGEN N.V.	COM	N72482123	82,300	1,895	SH	DFND	1	1,895	0	0
QIFU TECHNOLOGY INC	ADR	88557W101	16,374	1,035	SH	DFND	1	1,035	0	0
QORVO INC	COM	74736K101	2,875,046	25,531	SH	DFND	1	25,531	0	0
QUAD GRAPHICS INC	CL A	747301109	82,520	15,225	SH	DFND	1	15,225	0	0
QUAKER CHEMICAL CORPORATION	COM	747316107	1,613,242	7,559	SH	DFND	1	7,559	0	0
QUALCOMM INC	COM	747525103	58,098,739	401,706	SH	DFND	1	401,706	0	0
QUALYS INC	COM	74758T303	13,325,253	67,889	SH	DFND	1	67,889	0	0
QUANEX BUILDING PRODUCTS	COM	747619104	549,221	17,966	SH	DFND	1	17,966	0	0
QUANTA SERVICES INC	COM	74762E102	8,548,270	39,612	SH	DFND	1	39,612	0	0
QUANTERIX CORP	COM	74766Q101	478,805	17,513	SH	DFND	1	17,513	0	0
QUANTUM SI INC	CL A	74765K105	101,652	50,573	SH	DFND	1	50,573	0	0
QUANTUMSCAPE CORP	CL A	74767V109	19,328	2,781	SH	DFND	1	2,781	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	4,064,565	29,479	SH	DFND	1	29,479	0	0
QUIDELORTHO CORP	COM	219798105	4,924,855	66,823	SH	DFND	1	66,823	0	0
QUINSTREET INC	COM	74874Q100	368,101	28,713	SH	DFND	1	28,713	0	0
QUIPT HOME MEDICAL CORP	COM	74880P104	103,714	20,376	SH	DFND	1	20,376	0	0
QURATE RETAIL GROUP INC B	COM SER B	74915M209	4,323	661	SH	DFND	1	661	0	0
R1 RCM INC	COM	77634L105	2,807,593	265,619	SH	DFND	1	265,619	0	0
RACKSPACE TECHNOLOGY INC	COM	750102105	62,898	31,449	SH	DFND	1	31,449	0	0
RADIAN GROUP INC	COM	750236101	2,440,169	85,470	SH	DFND	1	85,470	0	0
RADIANT LOGISTICS INC	COM	75025X100	120,396	18,132	SH	DFND	1	18,132	0	0
RADNET INC	COM	750491102	1,139,934	32,785	SH	DFND	1	32,785	0	0
RAIN ONCOLOGY INC	COM	75082Q105	10,541	8,784	SH	DFND	1	8,784	0	0
RALLYBIO CORP	COM	75120L100	36,321	15,197	SH	DFND	1	15,197	0	0
RALPH LAUREN CORP	COM	751212101	1,541,065	10,687	SH	DFND	1	10,687	0	0
RAMACO RESOURCES INC A	CL A	75134P600	190,389	11,082	SH	DFND	1	11,082	0	0
RAMACO RESOURCES INC B	CL B	75134P501	29,841	2,242	SH	DFND	1	2,242	0	0
RAMBUS INC	COM	750917106	13,552,880	198,577	SH	DFND	1	198,577	0	0

RANGE RESOURCES CORP	COM	75281A109	9,920,031	325,888	SH	DFND	1	325,888	0	0
RANGER ENERGY SERVICES INC	CL A	75282U104	74,730	7,305	SH	DFND	1	7,305	0	0
RANPAK HOLDINGS CORP	CL A	75321W103	125,450	21,555	SH	DFND	1	21,555	0	0
RAPID7 INC	COM	753422104	1,722,079	30,159	SH	DFND	1	30,159	0	0
RAPT THERAPEUTICS INC	COM	75382E109	364,823	14,681	SH	DFND	1	14,681	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	5,809,039	52,099	SH	DFND	1	52,099	0	0
RAYONIER ADVANCED MATERIALS	COM	75508B104	128,397	31,703	SH	DFND	1	31,703	0	0
RAYONIER INC	COM	754907103	6,159,802	184,370	SH	DFND	1	184,370	0	0
RAYZEBIO INC	COM	75525N107	620,892	9,987	SH	DFND	1	9,987	0	0
RB GLOBAL INC	COM	74935Q107	180,737	2,702	SH	DFND	1	2,702	0	0
RBB BANCORP	COM	74930B105	158,775	8,339	SH	DFND	1	8,339	0	0
RBC BEARINGS INC	COM	75524B104	11,190,479	39,280	SH	DFND	1	39,280	0	0
RCI HOSPITALITY HOLDINGS INC	COM	74934Q108	288,165	4,349	SH	DFND	1	4,349	0	0
RE/MAX HOLDINGS INC CL A	CL A	75524W108	115,838	8,690	SH	DFND	1	8,690	0	0
READY CAPITAL CORP	COM	75574U101	892,816	87,104	SH	DFND	1	87,104	0	0
REALTY INCOME CORP	COM	756109104	10,900,441	189,837	SH	DFND	1	189,837	0	0
RECURSION PHARMACEUTICALS A	CL A	75629V104	668,873	67,837	SH	DFND	1	67,837	0	0
RED RIVER BANCSHARES INC	COM	75686R202	134,383	2,395	SH	DFND	1	2,395	0	0
RED ROBIN GOURMET BURGERS	COM	75689M101	98,388	7,890	SH	DFND	1	7,890	0	0
RED ROCK RESORTS INC CLASS A	COM	75700L108	1,262,801	23,679	SH	DFND	1	23,679	0	0
RED VIOLET INC	COM	75704L104	110,594	5,538	SH	DFND	1	5,538	0	0
REDFIN CORP	COM	75737F108	561,243	54,384	SH	DFND	1	54,384	0	0
REDWIRE CORP	COM	75776W103	11,141	3,909	SH	DFND	1	3,909	0	0
REDWOOD TRUST INC	COM	758075402	461,065	62,222	SH	DFND	1	62,222	0	0
REGAL REXNORD CORP	COM	758750103	13,265,700	89,621	SH	DFND	1	89,621	0	0
REGENCY CENTERS CORP	COM	758849103	2,895,338	43,214	SH	DFND	1	43,214	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	34,643,271	39,444	SH	DFND	1	39,444	0	0
REGENXBIO INC	COM	75901B107	400,752	22,326	SH	DFND	1	22,326	0	0
REGIONAL MANAGEMENT CORP	COM	75902K106	100,420	4,004	SH	DFND	1	4,004	0	0
REGIONS FINANCIAL CORP	COM	7591EP100	4,727,305	243,927	SH	DFND	1	243,927	0	0
REINSURANCE GROUP OF AMERICA	COM	759351604	14,403,112	89,029	SH	DFND	1	89,029	0	0
RELAY THERAPEUTICS INC	COM	75943R102	494,085	44,876	SH	DFND	1	44,876	0	0
RELIANCE STEEL plus ALUMINUM	COM	759509102	21,712,397	77,633	SH	DFND	1	77,633	0	0
REMITLY GLOBAL INC	COM	75960P104	1,285,623	66,201	SH	DFND	1	66,201	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	13,916,980	71,005	SH	DFND	1	71,005	0	0
RenaissanceRe Holdings Ltd.	COM	G7496G103	259,218,036	1,322,541	SH	DFND	3	1,322,541	0	0
RENASANT CORP	COM	75970E107	1,013,600	30,095	SH	DFND	1	30,095	0	0
RENEO PHARMACEUTICALS INC	COM	75974E103	10,320	6,450	SH	DFND	1	6,450	0	0
RENT THE RUNWAY INC A	CL A	76010Y103	13,099	24,833	SH	DFND	1	24,833	0	0

REPAY HOLDINGS CORP	CL A	76029L100	352,224	41,244	SH	DFND	1	41,244	0	0
REPLIGEN CORP	COM	759916109	12,654,324	70,380	SH	DFND	1	70,380	0	0
REPLIMUNE GROUP INC	COM	76029N106	207,184	24,577	SH	DFND	1	24,577	0	0
REPUBLIC BANCORP INC CLASS A	COM	760281204	233,327	4,230	SH	DFND	1	4,230	0	0
REPUBLIC SERVICES INC	COM	760759100	10,869,713	65,913	SH	DFND	1	65,913	0	0
RESERVOIR MEDIA INC	COM	76119X105	70,352	9,867	SH	DFND	1	9,867	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1,500,086	79,707	SH	DFND	1	79,707	0	0
RESMED INC	COM	761152107	7,607,240	44,223	SH	DFND	1	44,223	0	0
RESOURCES CONNECTION INC	COM	76122Q105	249,831	17,631	SH	DFND	1	17,631	0	0
RETAIL OPPORTUNITY INVESTMEN	COM	76131N101	942,058	67,146	SH	DFND	1	67,146	0	0
REV GROUP INC	COM	749527107	286,032	15,742	SH	DFND	1	15,742	0	0
REVANCE THERAPEUTICS INC	COM	761330109	382,339	43,497	SH	DFND	1	43,497	0	0
REVOLUTION MEDICINES INC	COM	76155X100	2,050,448	71,494	SH	DFND	1	71,494	0	0
REVOLVE GROUP INC	CL A	76156B107	338,331	20,406	SH	DFND	1	20,406	0	0
REVVITY INC	COM	714046109	3,537,927	32,366	SH	DFND	1	32,366	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	398,597	8,427	SH	DFND	1	8,427	0	0
REXFORD INDUSTRIAL REALTY IN	COM	76169C100	15,996,298	285,139	SH	DFND	1	285,139	0	0
REYNOLDS CONSUMER PRODUCTS I	COM	76171L106	11,971	446	SH	DFND	1	446	0	0
RGC RESOURCES INC	COM	74955L103	80,974	3,981	SH	DFND	1	3,981	0	0
RH	COM	74967X103	6,091,932	20,900	SH	DFND	1	20,900	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	1,173,936	25,537	SH	DFND	1	25,537	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	128,050	44,155	SH	DFND	1	44,155	0	0
RICHARDSON ELEC LTD	COM	763165107	80,340	6,018	SH	DFND	1	6,018	0	0
RIGEL PHARMACEUTICALS INC	COM	766559603	123,338	85,061	SH	DFND	1	85,061	0	0
RILEY EXPLORATION PERMIAN IN	COM	76665T102	119,774	4,397	SH	DFND	1	4,397	0	0
RIMINI STREET INC	COM	76674Q107	84,987	25,990	SH	DFND	1	25,990	0	0
RING ENERGY INC	COM	76680V108	87,044	59,619	SH	DFND	1	59,619	0	0
RINGCENTRAL INC CLASS A	COM	76680R206	48,990	1,443	SH	DFND	1	1,443	0	0
RIOT PLATFORMS INC	COM	767292105	1,463,493	94,602	SH	DFND	1	94,602	0	0
RITHM CAPITAL CORP	COM	64828T201	42,303	3,961	SH	DFND	1	3,961	0	0
RIVIAN AUTOMOTIVE INC A	CL A	76954A103	127,927	5,453	SH	DFND	1	5,453	0	0
RLI CORP	COM	749607107	7,230,147	54,313	SH	DFND	1	54,313	0	0
RLJ LODGING TRUST	COM	74965L101	903,272	77,071	SH	DFND	1	77,071	0	0
RMR GROUP INC/THE A	COM	74967R106	216,101	7,655	SH	DFND	1	7,655	0	0
ROBERT HALF INC	COM	770323103	2,439,428	27,746	SH	DFND	1	27,746	0	0
ROBINHOOD MARKETS INC A	CL A	770700102	70,427	5,528	SH	DFND	1	5,528	0	0
ROBLOX CORP CLASS A	CL A	771049103	359,222	7,857	SH	DFND	1	7,857	0	0
ROCKET COS INC CLASS A	CL A	77311W101	19,345	1,336	SH	DFND	1	1,336	0	0
ROCKET LAB USA INC	COM	773122106	766,640	138,633	SH	DFND	1	138,633	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	934,584	31,184	SH	DFND	1	31,184	0	0

ROCKWELL AUTOMATION INC	COM	773903109	9,851,530	31,730	SH	DFND	1	31,730	0	0
ROCKY BRANDS INC	COM	774515100	104,664	3,468	SH	DFND	1	3,468	0	0
ROGERS CORP	COM	775133101	1,241,458	9,400	SH	DFND	1	9,400	0	0
ROIVANT SCIENCES LTD	SHS	G76279101	65,729	5,853	SH	DFND	1	5,853	0	0
ROKU INC	COM	77543R102	105,134	1,147	SH	DFND	1	1,147	0	0
ROLLINS INC	COM	775711104	3,365,778	77,073	SH	DFND	1	77,073	0	0
ROPER TECHNOLOGIES INC	COM	776696106	20,436,788	37,487	SH	DFND	1	37,487	0	0
ROSS STORES INC	COM	778296103	17,219,037	124,424	SH	DFND	1	124,424	0	0
ROVER GROUP INC	CL A	77936F103	494,420	45,443	SH	DFND	1	45,443	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	8,447,151	65,234	SH	DFND	1	65,234	0	0
ROYAL GOLD INC	COM	780287108	10,733,265	88,734	SH	DFND	1	88,734	0	0
ROYALTY PHARMA PLC CL A	CL A	G7709Q104	85,787	3,054	SH	DFND	1	3,054	0	0
RPC INC	COM	749660106	336,984	46,289	SH	DFND	1	46,289	0	0
RPM INTERNATIONAL INC	COM	749685103	19,447,620	174,215	SH	DFND	1	174,215	0	0
RPT REALTY	COM	74971D101	590,142	45,997	SH	DFND	1	45,997	0	0
RTX CORP	COM	75513E101	30,730,536	365,231	SH	DFND	1	365,231	0	0
RUSH ENTERPRISES INC CL B	COM	781846308	240,105	4,532	SH	DFND	1	4,532	0	0
RUSH ENTERPRISES INC CL A	CL A	781846209	1,687,012	33,539	SH	DFND	1	33,539	0	0
RUSH STREET INTERACTIVE INC	COM	782011100	144,295	32,137	SH	DFND	1	32,137	0	0
RXO INC	COM	74982T103	1,472,358	63,300	SH	DFND	1	63,300	0	0
RXSIGHT INC	COM	78349D107	569,802	14,132	SH	DFND	1	14,132	0	0
RYAN SPECIALTY HOLDINGS INC	CL A	78351F107	69,004	1,604	SH	DFND	1	1,604	0	0
RYDER SYSTEM INC	COM	783549108	6,888,067	59,865	SH	DFND	1	59,865	0	0
RYERSON HOLDING CORP	COM	783754104	485,173	13,990	SH	DFND	1	13,990	0	0
RYMAN HOSPITALITY PROPERTIES	COM	78377T107	3,195,152	29,031	SH	DFND	1	29,031	0	0
S plus T BANCORP INC	COM	783859101	693,966	20,765	SH	DFND	1	20,765	0	0
SplusP GLOBAL INC	COM	78409V104	45,141,846	102,474	SH	DFND	1	102,474	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	6,072,912	425,572	SH	DFND	1	425,572	0	0
SABRE CORP	COM	78573M104	803,158	182,536	SH	DFND	1	182,536	0	0
SAFE BULKERS INC	COM	Y7388L103	129,572	32,970	SH	DFND	1	32,970	0	0
SAFEHOLD INC	COM	78646V107	615,467	26,302	SH	DFND	1	26,302	0	0
SAFETY INSURANCE GROUP INC	COM	78648T100	595,610	7,838	SH	DFND	1	7,838	0	0
SAGE THERAPEUTICS INC	COM	78667J108	569,466	26,279	SH	DFND	1	26,279	0	0
SAGIMET BIOSCIENCES INC A	COM SER A	786700104	14,959	2,760	SH	DFND	1	2,760	0	0
SAIA INC	COM	78709Y105	15,725,525	35,885	SH	DFND	1	35,885	0	0
SALESFORCE INC	COM	79466L302	76,778,726	291,779	SH	DFND	1	291,779	0	0
SALLY BEAUTY HOLDINGS INC	COM	79546E104	776,030	58,436	SH	DFND	1	58,436	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	194,592	47,694	SH	DFND	1	47,694	0	0
SANARA MEDTECH INC	COM	79957L100	78,789	1,917	SH	DFND	1	1,917	0	0
SANDRIDGE ENERGY INC	COM	80007P869	216,929	15,869	SH	DFND	1	15,869	0	0
SANDY SPRING BANCORP INC	COM	800363103	594,077	21,809	SH	DFND	1	21,809	0	0
SANGAMO	COM	800677106	40,232	74,051	SH	DFND	1	74,051	0	0

THERAPEUTICS INC										
SANMINA CORP	COM	801056102	1,582,658	30,809	SH	DFND	1	30,809	0	0
SAPIENS INTERNATIONAL CORP	V SHS	G7T16G103	442,261	15,282	SH	DFND	1	15,282	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	145,899	1,513	SH	DFND	1	1,513	0	0
SAUL CENTERS INC	COM	804395101	251,446	6,403	SH	DFND	1	6,403	0	0
SAVARA INC	COM	805111101	211,044	44,903	SH	DFND	1	44,903	0	0
SAVERS VALUE VILLAGE INC	COM	80517M109	223,959	12,886	SH	DFND	1	12,886	0	0
SBA COMMUNICATIONS CORP	COM	78410G104	7,331,134	28,898	SH	DFND	1	28,898	0	0
SCANSOURCE INC	COM	806037107	533,507	13,469	SH	DFND	1	13,469	0	0
SCHLUMBERGER LTD	COM	806857108	20,837,961	400,422	SH	DFND	1	400,422	0	0
SCHNEIDER NATIONAL INC CL B	COM	80689H102	11,274	443	SH	DFND	1	443	0	0
SCHNITZER STEEL INDS INC A	COM	806882106	388,099	12,868	SH	DFND	1	12,868	0	0
SCHOLAR ROCK HOLDING CORP	COM	80706P103	518,372	27,573	SH	DFND	1	27,573	0	0
SCHOLASTIC CORP	COM	807066105	550,043	14,590	SH	DFND	1	14,590	0	0
SCHRODINGER INC	COM	80810D103	1,061,756	29,658	SH	DFND	1	29,658	0	0
SCHWAB (CHARLES) CORP	COM	808513105	29,033,187	421,994	SH	DFND	1	421,994	0	0
SCIENCE APPLICATIONS INTE	COM	808625107	8,889,004	71,501	SH	DFND	1	71,501	0	0
SCILEX HOLDING CO	COM	80880W106	62,767	30,768	SH	DFND	1	30,768	0	0
SCORPIO TANKERS INC	COM	Y7542C130	1,444,365	23,756	SH	DFND	1	23,756	0	0
SCOTTS MIRACLE GRO CO	COM	810186106	3,601,110	56,488	SH	DFND	1	56,488	0	0
SCPHARMACEUTICALS INC	COM	810648105	90,006	14,355	SH	DFND	1	14,355	0	0
SEA LTD ADR	SPONS ADS	81141R100	2,721,114	67,188	SH	DFND	1	67,188	0	0
SEABOARD CORP	COM	811543107	7,140	2	SH	DFND	1	2	0	0
SEACOAST BANKING CORP/FL	COM	811707801	1,306,314	45,900	SH	DFND	1	45,900	0	0
SEACOR MARINE HOLDINGS INC	COM	78413P101	150,740	11,973	SH	DFND	1	11,973	0	0
SEADRILL LIMITED	COM	G7997W102	1,188,336	25,134	SH	DFND	1	25,134	0	0
SEAGATE TECHNOLOGY HOLDINGS	ORD SHS	G7997R103	8,144,383	95,401	SH	DFND	1	95,401	0	0
SEALED AIR CORP	COM	81211K100	316,081	8,655	SH	DFND	1	8,655	0	0
SEAWORLD ENTERTAINMENT INC	COM	81282V100	955,695	18,090	SH	DFND	1	18,090	0	0
SECURITY NATL FINL CORP CL A	CL A	814785309	56,457	6,273	SH	DFND	1	6,273	0	0
SEER INC	CL A	81578P106	56,539	29,144	SH	DFND	1	29,144	0	0
SEI INVESTMENTS COMPANY	COM	784117103	8,584,970	135,090	SH	DFND	1	135,090	0	0
SELECT MEDICAL HOLDINGS CORP	COM	81619Q105	1,330,782	56,629	SH	DFND	1	56,629	0	0
SELECT WATER SOLUTIONS INC	COM	81617J301	301,437	39,715	SH	DFND	1	39,715	0	0
SELECTIVE INSURANCE GROUP	COM	816300107	11,071,726	111,296	SH	DFND	1	111,296	0	0
SELECTQUOTE INC	COM	816307300	92,918	67,823	SH	DFND	1	67,823	0	0
SEMLER SCIENTIFIC INC	COM	81684M104	101,247	2,286	SH	DFND	1	2,286	0	0
SEMPRA	COM	816851109	16,874,333	225,804	SH	DFND	1	225,804	0	0
SEMRUSH HOLDINGS INC A	CL A	81686C104	212,795	15,578	SH	DFND	1	15,578	0	0
SEMTECH CORP	COM	816850101	762,819	34,816	SH	DFND	1	34,816	0	0

SENECA FOODS CORP CL A	CL A	817070501	136,711	2,607	SH	DFND	1	2,607	0	0
SENSATA TECHNOLOGIES HOLDING	COM	G8060N102	7,680,848	204,441	SH	DFND	1	204,441	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	1,512,852	22,922	SH	DFND	1	22,922	0	0
SENTINELONE INC CLASS A	CL A	81730H109	60,203	2,194	SH	DFND	1	2,194	0	0
SERES THERAPEUTICS INC	COM	81750R102	67,693	48,352	SH	DFND	1	48,352	0	0
SERVICE CORP INTERNATIONAL	COM	817565104	13,691,848	200,027	SH	DFND	1	200,027	0	0
SERVICE PROPERTIES TRUST	COM	81761L102	766,994	89,812	SH	DFND	1	89,812	0	0
SERVICENOW INC	COM	81762P102	44,628,973	63,170	SH	DFND	1	63,170	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	1,841,920	27,644	SH	DFND	1	27,644	0	0
SES AI CORP	CL A	78397Q109	113,583	62,067	SH	DFND	1	62,067	0	0
SFL CORP LTD	SHS	G7738W106	645,938	57,264	SH	DFND	1	57,264	0	0
SHAKE SHACK INC CLASS A	COM	819047101	1,522,870	20,546	SH	DFND	1	20,546	0	0
SHARECARE INC	CL A	81948W104	165,553	153,290	SH	DFND	1	153,290	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	573,384	26,521	SH	DFND	1	26,521	0	0
SHERWIN WILLIAMS CO/THE	COM	824348106	21,397,900	68,605	SH	DFND	1	68,605	0	0
SHIFT4 PAYMENTS INC CLASS A	CL A	82452J109	67,426	907	SH	DFND	1	907	0	0
SHOALS TECHNOLOGIES GROUP A	CL A	82489W107	1,325,407	85,290	SH	DFND	1	85,290	0	0
SHOCKWAVE MEDICAL INC	COM	82489T104	9,556,393	50,149	SH	DFND	1	50,149	0	0
SHOE CARNIVAL INC	COM	824889109	299,139	9,902	SH	DFND	1	9,902	0	0
SHORE BANCSHARES INC	COM	825107105	211,114	14,815	SH	DFND	1	14,815	0	0
SHUTTERSTOCK INC	COM	825690100	646,566	13,392	SH	DFND	1	13,392	0	0
SHYFT GROUP INC/THE	COM	825698103	205,455	16,813	SH	DFND	1	16,813	0	0
SI BONE INC	COM	825704109	415,035	19,773	SH	DFND	1	19,773	0	0
SIERRA BANCORP	COM	82620P102	151,085	6,700	SH	DFND	1	6,700	0	0
SIGA TECHNOLOGIES INC	COM	826917106	128,257	22,903	SH	DFND	1	22,903	0	0
SIGHT SCIENCES INC	COM	82657M105	55,429	10,742	SH	DFND	1	10,742	0	0
SIGNET JEWELERS LTD	COM	G81276100	2,604,166	24,279	SH	DFND	1	24,279	0	0
SILGAN HOLDINGS INC	COM	827048109	4,948,088	109,350	SH	DFND	1	109,350	0	0
SILICON LABORATORIES INC	COM	826919102	7,732,636	58,461	SH	DFND	1	58,461	0	0
SILK ROAD MEDICAL INC	COM	82710M100	234,357	19,100	SH	DFND	1	19,100	0	0
SILVERBOW RESOURCES INC	COM	82836G102	304,962	10,487	SH	DFND	1	10,487	0	0
SILVERCREST ASSET MANAGEME A	CL A	828359109	79,798	4,694	SH	DFND	1	4,694	0	0
SIMMONS FIRST NATL CORP CL A	CL A	828730200	1,341,720	67,627	SH	DFND	1	67,627	0	0
SIMON PROPERTY GROUP INC	COM	828806109	12,494,408	87,594	SH	DFND	1	87,594	0	0
SIMPLY GOOD FOODS CO/THE	COM	82900L102	1,956,715	49,412	SH	DFND	1	49,412	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	15,569,741	78,643	SH	DFND	1	78,643	0	0
SIMULATIONS PLUS INC	COM	829214105	386,327	8,633	SH	DFND	1	8,633	0	0

SINCLAIR INC	CL A	829242106	212,702	16,324	SH	DFND	1	16,324	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,488,174	272,061	SH	DFND	1	272,061	0	0
SIRIUSPOINT LTD	COM	G8192H106	452,377	38,998	SH	DFND	1	38,998	0	0
SITE CENTERS CORP	COM	82981J109	1,407,556	103,269	SH	DFND	1	103,269	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	79,625	490	SH	DFND	1	490	0	0
SITIME CORP	COM	82982T106	1,154,388	9,456	SH	DFND	1	9,456	0	0
SITIO ROYALTIES CORP A	CL A	82983N108	961,230	40,886	SH	DFND	1	40,886	0	0
SIX FLAGS ENTERTAINMENT CORP	COM	83001A102	985,669	39,301	SH	DFND	1	39,301	0	0
SJW GROUP	COM	784305104	1,126,830	17,243	SH	DFND	1	17,243	0	0
SKECHERS USA INC CL A	CL A	830566105	11,254,677	180,537	SH	DFND	1	180,537	0	0
SKILLSOFT CORP	CL A	83066P309	38,184	2,172	SH	DFND	1	2,172	0	0
SKYLINE CHAMPION CORP	COM	830830105	1,979,252	26,653	SH	DFND	1	26,653	0	0
SKYWARD SPECIALTY INSURANCE	COM	830940102	402,020	11,866	SH	DFND	1	11,866	0	0
SKYWATER TECHNOLOGY INC	COM	83089J108	87,773	9,124	SH	DFND	1	9,124	0	0
SKYWEST INC	COM	830879102	1,152,002	22,069	SH	DFND	1	22,069	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	4,698,369	41,793	SH	DFND	1	41,793	0	0
SKYX PLATFORMS CORP	COM	78471E105	49,853	31,158	SH	DFND	1	31,158	0	0
SL GREEN REALTY CORP	COM	78440X887	1,592,514	35,256	SH	DFND	1	35,256	0	0
SLEEP NUMBER CORP	COM	83125X103	157,584	10,626	SH	DFND	1	10,626	0	0
SLM CORP	COM	78442P106	5,858,349	306,399	SH	DFND	1	306,399	0	0
SM ENERGY CO	COM	78454L100	2,488,263	64,263	SH	DFND	1	64,263	0	0
SMART GLOBAL HOLDINGS INC	SHS	G8232Y101	501,096	26,471	SH	DFND	1	26,471	0	0
SMARTFINANCIAL INC	COM	83190L208	193,006	7,881	SH	DFND	1	7,881	0	0
SMARTRENT INC	CL A	83193G107	292,271	91,621	SH	DFND	1	91,621	0	0
SMARTSHEET INC CLASS A	COM	83200N103	103,482	2,164	SH	DFND	1	2,164	0	0
SMITH (A.O.) CORP	COM	831865209	2,739,564	33,231	SH	DFND	1	33,231	0	0
SMITH plus WESSON BRANDS INC	COM	831754106	308,382	22,742	SH	DFND	1	22,742	0	0
SNAP ON INC	COM	833034101	4,078,132	14,119	SH	DFND	1	14,119	0	0
SNAP ONE HOLDINGS CORP	COM	83303Y105	81,010	9,092	SH	DFND	1	9,092	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	76,336	7,672	SH	DFND	1	7,672	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	249,725	2,668	SH	DFND	1	2,668	0	0
SOLARIS OILFIELD INFRAST A	COM	83418M103	115,691	14,534	SH	DFND	1	14,534	0	0
SOLARWINDS CORP	COM	83417Q204	316,384	25,331	SH	DFND	1	25,331	0	0
SOLID POWER INC	COM	83422N105	111,714	77,044	SH	DFND	1	77,044	0	0
SOLO BRANDS INC CLASS A	CL A	83425V104	60,910	9,888	SH	DFND	1	9,888	0	0
SOMALOGIC INC	COM	83444K105	190,071	75,127	SH	DFND	1	75,127	0	0
SONIC AUTOMOTIVE INC CLASS A	COM	83545G102	449,118	7,990	SH	DFND	1	7,990	0	0
SONOCO PRODUCTS CO	COM	835495102	7,392,439	132,315	SH	DFND	1	132,315	0	0
SONOS INC	COM	83570H108	1,186,139	69,203	SH	DFND	1	69,203	0	0
SOTERA HEALTH CO	COM	83601L102	2,261,506	134,214	SH	DFND	1	134,214	0	0
SOUNDHOUND AI INC A	COM	836100107	145,477	68,621	SH	DFND	1	68,621	0	0
SOUNDTHINKING INC	COM	82536T107	120,881	4,733	SH	DFND	1	4,733	0	0

SOUTH PLAINS FINANCIAL INC	COM	83946P107	168,547	5,820	SH	DFND	1	5,820	0	0
SOUTHERN CO/THE	COM	842587107	19,424,572	277,019	SH	DFND	1	277,019	0	0
SOUTHERN COPPER CORP	COM	84265V105	88,824	1,032	SH	DFND	1	1,032	0	0
SOUTHERN FIRST BANCSHARES	COM	842873101	141,537	3,815	SH	DFND	1	3,815	0	0
SOUTHERN MISSOURI BANCORP	COM	843380106	251,894	4,718	SH	DFND	1	4,718	0	0
SOUTHERN STATES BANCSHARES	COM	843878307	110,591	3,777	SH	DFND	1	3,777	0	0
SOUTHLAND HOLDINGS INC	COM	84445C100	10,387	2,013	SH	DFND	1	2,013	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	489,626	15,633	SH	DFND	1	15,633	0	0
SOUTHSTATE CORP	COM	840441109	11,822,662	139,996	SH	DFND	1	139,996	0	0
SOUTHWEST AIRLINES CO	COM	844741108	4,514,031	156,303	SH	DFND	1	156,303	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	7,056,366	111,387	SH	DFND	1	111,387	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	9,745,005	1,487,787	SH	DFND	1	1,487,787	0	0
SOVOS BRANDS INC	COM	84612U107	605,517	27,486	SH	DFND	1	27,486	0	0
SP PLUS CORP	COM	78469C103	498,714	9,731	SH	DFND	1	9,731	0	0
SPARTANNASH CO	COM	847215100	431,253	18,791	SH	DFND	1	18,791	0	0
SPDR PORTFOLIO SplusP 500 GROWTH	PRTFLO S&P500 GW	78464A409	18,765,061	288,427	SH	DFND	1	288,427	0	0
SPDR SplusP MIDCAP 400 ETF TRUST	UTSER1 S&PDCRP	78467Y107	11,416,050	22,500	SH	DFND	1	22,500	0	0
SPECTRUM BRANDS HOLDINGS INC	COM	84790A105	22,894	287	SH	DFND	1	287	0	0
SPHERE ENTERTAINMENT CO	CL A	55826T102	449,393	13,233	SH	DFND	1	13,233	0	0
SPIRE INC	COM	84857L101	6,001,035	96,263	SH	DFND	1	96,263	0	0
SPIRIT AEROSYSTEMS HOLD CL A	CL A	848574109	30,286	953	SH	DFND	1	953	0	0
SPIRIT AIRLINES INC	COM	848577102	894,386	54,569	SH	DFND	1	54,569	0	0
SPIRIT REALTY CAPITAL INC	COM	84860W300	8,340,508	190,902	SH	DFND	1	190,902	0	0
SPLUNK INC	COM	848637104	2,184,851	14,341	SH	DFND	1	14,341	0	0
SPOK HOLDINGS INC	COM	84863T106	136,781	8,836	SH	DFND	1	8,836	0	0
SPORTSMAN S WAREHOUSE HOLDIN	COM	84920Y106	79,338	18,624	SH	DFND	1	18,624	0	0
SPOTIFY TECHNOLOGY SA	COM	L8681T102	445,910	2,373	SH	DFND	1	2,373	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	1,217,531	33,357	SH	DFND	1	33,357	0	0
SPRINKLR INC A	CL A	85208T107	632,365	52,522	SH	DFND	1	52,522	0	0
SPROUT SOCIAL INC CLASS A	CL A	85209W109	1,459,876	23,761	SH	DFND	1	23,761	0	0
SPROUTS FARMERS MARKET INC	COM	85208M102	8,998,158	187,033	SH	DFND	1	187,033	0	0
SPS COMMERCE INC	COM	78463M107	3,872,729	19,979	SH	DFND	1	19,979	0	0
SPX TECHNOLOGIES INC	COM	78473E103	2,434,543	24,102	SH	DFND	1	24,102	0	0
SQUARESPACE INC CLASS A	CL A	85225A107	828,815	25,108	SH	DFND	1	25,108	0	0
SSplusC TECHNOLOGIES HOLDINGS	COM	78467J100	109,204	1,787	SH	DFND	1	1,787	0	0
SSR MINING INC	COM	784730103	17,991	1,672	SH	DFND	1	1,672	0	0
ST JOE CO/THE	COM	790148100	1,131,504	18,802	SH	DFND	1	18,802	0	0
STAAR SURGICAL CO	COM	852312305	825,848	26,461	SH	DFND	1	26,461	0	0
STAG INDUSTRIAL INC	COM	85254J102	9,628,986	245,262	SH	DFND	1	245,262	0	0

STAGWELL INC	CL A	85256A109	264,550	39,902	SH	DFND	1	39,902	0	0
STANDARD MOTOR PRODS	COM	853666105	441,851	11,099	SH	DFND	1	11,099	0	0
STANDEX INTERNATIONAL CORP	COM	854231107	1,017,750	6,426	SH	DFND	1	6,426	0	0
STANLEY BLACK plus DECKER INC	COM	854502101	3,943,718	40,201	SH	DFND	1	40,201	0	0
STAR HOLDINGS	SHS BEN INT	85512G106	96,486	6,441	SH	DFND	1	6,441	0	0
STARBUCKS CORP	COM	855244109	36,222,077	377,274	SH	DFND	1	377,274	0	0
STARWOOD PROPERTY TRUST INC	COM	85571B105	8,448,316	401,918	SH	DFND	1	401,918	0	0
STATE STREET CORP	COM	857477103	6,267,676	80,915	SH	DFND	1	80,915	0	0
STEEL DYNAMICS INC	COM	858119100	4,849,658	41,064	SH	DFND	1	41,064	0	0
STEELCASE INC CL A	CL A	858155203	623,015	46,081	SH	DFND	1	46,081	0	0
STELLAR BANCORP INC	COM	858927106	735,366	26,414	SH	DFND	1	26,414	0	0
STEM INC	COM	85859N102	274,754	70,813	SH	DFND	1	70,813	0	0
STEPAN CO	COM	858586100	1,096,307	11,595	SH	DFND	1	11,595	0	0
STEPSTONE GROUP INC CLASS A	CL A	85914M107	853,999	26,830	SH	DFND	1	26,830	0	0
STERICYCLE INC	COM	858912108	6,193,711	124,974	SH	DFND	1	124,974	0	0
STERIS PLC	COM	G8473T100	5,842,294	26,574	SH	DFND	1	26,574	0	0
STERLING BANCORP INC/MI	COM	85917W102	62,408	10,816	SH	DFND	1	10,816	0	0
STERLING CHECK CORP	COM	85917T109	217,180	15,602	SH	DFND	1	15,602	0	0
STERLING INFRASTRUCTURE INC	COM	859241101	1,309,717	14,895	SH	DFND	1	14,895	0	0
STEVEN MADDEN LTD	COM	556269108	1,711,038	40,739	SH	DFND	1	40,739	0	0
STEWART INFORMATION SERVICES	COM	860372101	857,691	14,599	SH	DFND	1	14,599	0	0
STIFEL FINANCIAL CORP	COM	860630102	9,525,482	137,751	SH	DFND	1	137,751	0	0
STITCH FIX INC CLASS A	COM	860897107	151,907	42,551	SH	DFND	1	42,551	0	0
STOCK YARDS BANCORP INC	COM	861025104	695,115	13,500	SH	DFND	1	13,500	0	0
STOKE THERAPEUTICS INC	COM	86150R107	72,120	13,711	SH	DFND	1	13,711	0	0
STONECO LTD A	CL A	G85158106	2,610,329	144,777	SH	DFND	1	144,777	0	0
STONERIDGE INC	COM	86183P102	257,482	13,157	SH	DFND	1	13,157	0	0
STONEX GROUP INC	COM	861896108	1,077,032	14,588	SH	DFND	1	14,588	0	0
STRATEGIC EDUCATION INC	COM	86272C103	1,135,043	12,288	SH	DFND	1	12,288	0	0
STRATUS PROPERTIES INC	COM	863167201	80,866	2,802	SH	DFND	1	2,802	0	0
STRIDE INC	COM	86333M108	1,363,254	22,962	SH	DFND	1	22,962	0	0
STRYKER CORP	COM	863667101	30,779,697	102,784	SH	DFND	1	102,784	0	0
STURM RUGER plus CO INC	COM	864159108	433,093	9,529	SH	DFND	1	9,529	0	0
SUMMIT FINANCIAL GROUP INC	COM	86606G101	170,575	5,558	SH	DFND	1	5,558	0	0
SUMMIT HOTEL PROPERTIES INC	COM	866082100	384,216	57,175	SH	DFND	1	57,175	0	0
SUMMIT MATERIALS INC CL A	CL A	86614U100	2,285,409	59,423	SH	DFND	1	59,423	0	0
SUMMIT THERAPEUTICS INC	COM	86627T108	150,331	57,598	SH	DFND	1	57,598	0	0
SUN COMMUNITIES INC	COM	866674104	166,127	1,243	SH	DFND	1	1,243	0	0
SUN COUNTRY AIRLINES HOLDING	COM	866683105	323,723	20,580	SH	DFND	1	20,580	0	0
SUNCOKE ENERGY INC	COM	86722A103	488,649	45,498	SH	DFND	1	45,498	0	0

SUNNOVA ENERGY INTERNATIONAL	COM	86745K104	806,161	52,863	SH	DFND	1	52,863	0	0
SUNOPTA INC	COM	8676EP108	254,886	46,597	SH	DFND	1	46,597	0	0
SUNPOWER CORP	COM	867652406	229,179	47,449	SH	DFND	1	47,449	0	0
SUNRUN INC	COM	86771W105	5,757,754	293,314	SH	DFND	1	293,314	0	0
SUNSTONE HOTEL INVESTORS INC	COM	867892101	1,215,473	113,278	SH	DFND	1	113,278	0	0
SUPER GROUP SGHC LTD	LTD ORD SHS	G8588X103	215,027	67,832	SH	DFND	1	67,832	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	24,259,601	85,343	SH	DFND	1	85,343	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	781,322	26,998	SH	DFND	1	26,998	0	0
SURGERY PARTNERS INC	COM	86881A100	1,202,600	37,593	SH	DFND	1	37,593	0	0
SURMODICS INC	COM	868873100	248,816	6,845	SH	DFND	1	6,845	0	0
SUTRO BIOPHARMA INC	COM	869367102	128,254	29,896	SH	DFND	1	29,896	0	0
SWEETGREEN INC CLASS A	CL A	87043Q108	542,897	48,044	SH	DFND	1	48,044	0	0
SWK HOLDINGS CORP	COM	78501P203	32,115	1,832	SH	DFND	1	1,832	0	0
SYLVAMO CORP	COM	871332102	956,172	19,470	SH	DFND	1	19,470	0	0
SYNAPTICS INC	COM	87157D109	8,243,535	72,261	SH	DFND	1	72,261	0	0
SYNCHRONY FINANCIAL	COM	87165B103	4,143,424	108,495	SH	DFND	1	108,495	0	0
SYNDAX PHARMACEUTICALS INC	COM	87164F105	717,906	33,221	SH	DFND	1	33,221	0	0
SYNOPSIS INC	COM	871607107	30,534,163	59,300	SH	DFND	1	59,300	0	0
SYNOVUS FINANCIAL CORP	COM	87161C501	7,436,892	197,527	SH	DFND	1	197,527	0	0
SYSCO CORP	COM	871829107	9,365,613	128,068	SH	DFND	1	128,068	0	0
SYSTEM1 INC	CL A	87200P109	36,108	16,265	SH	DFND	1	16,265	0	0
T MOBILE US INC	COM	872590104	33,606,771	209,610	SH	DFND	1	209,610	0	0
T ROWE PRICE GROUP INC	COM	74144T108	6,491,553	60,280	SH	DFND	1	60,280	0	0
TACTILE SYSTEMS TECHNOLOGY I	COM	87357P100	165,394	11,566	SH	DFND	1	11,566	0	0
TAKE TWO INTERACTIVE SOFTWARE	COM	874054109	9,578,456	59,512	SH	DFND	1	59,512	0	0
TAL EDUCATION GROUP ADR	ADR	874080104	67,179	5,319	SH	DFND	1	5,319	0	0
TALOS ENERGY INC	COM	87484T108	837,450	58,851	SH	DFND	1	58,851	0	0
TANDEM DIABETES CARE INC	COM	875372203	108,292	3,661	SH	DFND	1	3,661	0	0
TANGER INC	COM	875465106	1,546,138	55,777	SH	DFND	1	55,777	0	0
TANGO THERAPEUTICS INC	COM	87583X109	219,681	22,190	SH	DFND	1	22,190	0	0
TAPESTRY INC	COM	876030107	2,216,882	60,225	SH	DFND	1	60,225	0	0
TARGA RESOURCES CORP	COM	87612G101	5,476,632	63,044	SH	DFND	1	63,044	0	0
TARGET CORP	COM	87612E106	21,468,676	150,742	SH	DFND	1	150,742	0	0
TARGET HOSPITALITY CORP	COM	87615L107	151,233	15,543	SH	DFND	1	15,543	0	0
TARO PHARMACEUTICAL INDUS	LTD SHS	M8737E108	169,794	4,064	SH	DFND	1	4,064	0	0
TARSUS PHARMACEUTICALS INC	COM	87650L103	288,826	14,263	SH	DFND	1	14,263	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	10,445,557	195,793	SH	DFND	1	195,793	0	0
TD SYNnex CORP	COM	87162W100	7,456,943	69,296	SH	DFND	1	69,296	0	0

TE CONNECTIVITY LTD	COM	H84989104	13,315,607	94,773	SH	DFND	1	94,773	0	0
TECHNIPFMC PLC	COM	G87110105	71,678	3,559	SH	DFND	1	3,559	0	0
TECHTARGET	COM	87874R100	483,020	13,856	SH	DFND	1	13,856	0	0
TEEKAY CORP	COM	Y8564W103	220,292	30,810	SH	DFND	1	30,810	0	0
TEEKAY TANKERS LTD CLASS A	CL A	Y8565N300	594,293	11,893	SH	DFND	1	11,893	0	0
TEGNA INC	COM	87901J105	5,582,618	364,877	SH	DFND	1	364,877	0	0
TEJON RANCH CO	COM	879080109	179,138	10,415	SH	DFND	1	10,415	0	0
TELA BIO INC	COM	872381108	53,245	8,043	SH	DFND	1	8,043	0	0
TELADOC HEALTH INC	COM	87918A105	29,222	1,356	SH	DFND	1	1,356	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	5,519,715	12,368	SH	DFND	1	12,368	0	0
TELEFLEX INC	COM	879369106	3,072,617	12,323	SH	DFND	1	12,323	0	0
TELEPHONE AND DATA SYSTEMS	COM	879433829	988,056	53,845	SH	DFND	1	53,845	0	0
TELLURIAN INC	COM	87968A104	207,721	274,909	SH	DFND	1	274,909	0	0
TEMPUR SEALY INTERNATIONAL I	COM	88023U101	11,873,614	232,953	SH	DFND	1	232,953	0	0
TENABLE HOLDINGS INC	COM	88025T102	2,615,886	56,793	SH	DFND	1	56,793	0	0
TENAYA THERAPEUTICS INC	COM	87990A106	74,815	23,091	SH	DFND	1	23,091	0	0
TENCENT MUSIC ENTERTAINM ADR	ADR	88034P109	80,198	8,901	SH	DFND	1	8,901	0	0
TENET HEALTHCARE CORP	COM	88033G407	10,365,786	137,168	SH	DFND	1	137,168	0	0
TENNANT CO	COM	880345103	934,871	10,086	SH	DFND	1	10,086	0	0
TERADATA CORP	COM	88076W103	5,785,960	132,980	SH	DFND	1	132,980	0	0
TERADYNE INC	COM	880770102	4,472,760	41,216	SH	DFND	1	41,216	0	0
TERAWULF INC	COM	88080T104	176,611	73,588	SH	DFND	1	73,588	0	0
TEREX CORP	COM	880779103	7,092,460	123,433	SH	DFND	1	123,433	0	0
TERNS PHARMACEUTICALS INC	COM	880881107	138,243	21,301	SH	DFND	1	21,301	0	0
TERRAN ORBITAL CORP	COM	88105P103	56,058	49,174	SH	DFND	1	49,174	0	0
TERRENO REALTY CORP	COM	88146M101	2,584,009	41,232	SH	DFND	1	41,232	0	0
TESLA INC	COM	88160R101	214,939,176	865,016	SH	DFND	1	865,016	0	0
TETRA TECH INC	COM	88162G103	12,019,628	72,004	SH	DFND	1	72,004	0	0
TETRA TECHNOLOGIES INC	COM	88162F105	281,637	62,309	SH	DFND	1	62,309	0	0
TEVA PHARMACEUTICAL SP ADR	ADR	881624209	1,960,507	187,788	SH	DFND	1	187,788	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	5,706,377	88,293	SH	DFND	1	88,293	0	0
TEXAS INSTRUMENTS INC	COM	882508104	57,214,047	335,645	SH	DFND	1	335,645	0	0
TEXAS PACIFIC LAND CORP	COM	88262P102	163,535	104	SH	DFND	1	104	0	0
TEXAS ROADHOUSE INC	COM	882681109	11,097,384	90,791	SH	DFND	1	90,791	0	0
TEXTAINER GROUP HOLDINGS LTD	COM	G8766E109	989,068	20,103	SH	DFND	1	20,103	0	0
TEXTRON INC	COM	883203101	4,133,186	51,395	SH	DFND	1	51,395	0	0
TFS FINANCIAL CORP	COM	87240R107	6,052	412	SH	DFND	1	412	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,177,290	68,928	SH	DFND	1	68,928	0	0
THE CIGNA GROUP	COM	125523100	22,256,921	74,326	SH	DFND	1	74,326	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	287,856	25,610	SH	DFND	1	25,610	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	58,534,990	110,279	SH	DFND	1	110,279	0	0
THERMON GROUP	COM	88362T103	541,541	16,627	SH	DFND	1	16,627	0	0

HOLDINGS INC

THESEUS PHARMACEUTICALS INC	COM	88369M101	40,743	10,060	SH	DFND	1	10,060	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	127,247	6,404	SH	DFND	1	6,404	0	0
THIRD HARMONIC BIO INC	COM	88427A107	106,223	9,683	SH	DFND	1	9,683	0	0
THOR INDUSTRIES INC	COM	885160101	8,508,088	71,950	SH	DFND	1	71,950	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	221,375	46,024	SH	DFND	1	46,024	0	0
THREDUP INC CLASS A	CL A	88556E102	80,307	35,692	SH	DFND	1	35,692	0	0
THRYV HOLDINGS INC	COM	886029206	343,223	16,866	SH	DFND	1	16,866	0	0
TIDEWATER INC	COM	88642R109	1,665,669	23,099	SH	DFND	1	23,099	0	0
TILE SHOP HLDGS INC	COM	88677Q109	105,425	14,324	SH	DFND	1	14,324	0	0
TILLY S INC CLASS A SHRS	COM	886885102	83,950	11,134	SH	DFND	1	11,134	0	0
TIMBERLAND BANCORP INC	COM	887098101	116,245	3,695	SH	DFND	1	3,695	0	0
TIMKEN CO	COM	887389104	7,024,667	87,644	SH	DFND	1	87,644	0	0
TIMKENSTEEL CORP	COM	887399103	549,363	23,427	SH	DFND	1	23,427	0	0
TINGO GROUP INC	COM	55328R109	42,054	60,948	SH	DFND	1	60,948	0	0
TIPTREE INC	COM	88822Q103	226,231	11,932	SH	DFND	1	11,932	0	0
TITAN INTERNATIONAL INC	COM	88830M102	423,276	28,446	SH	DFND	1	28,446	0	0
TITAN MACHINERY INC	COM	88830R101	295,616	10,236	SH	DFND	1	10,236	0	0
TJX COMPANIES INC	COM	872540109	34,001,904	362,455	SH	DFND	1	362,455	0	0
TKO GROUP HOLDINGS INC	CL A	87256C101	6,655,215	81,579	SH	DFND	1	81,579	0	0
TOAST INC CLASS A	CL A	888787108	109,450	5,994	SH	DFND	1	5,994	0	0
TOLL BROTHERS INC	COM	889478103	14,922,744	145,177	SH	DFND	1	145,177	0	0
TOMPKINS FINANCIAL CORP	COM	890110109	450,460	7,479	SH	DFND	1	7,479	0	0
TOOTSIE ROLL INDS	COM	890516107	26,958	811	SH	DFND	1	811	0	0
TOPBUILD CORP	COM	89055F103	16,069,602	42,937	SH	DFND	1	42,937	0	0
TOPGOLF CALLAWAY BRANDS CORP	COM	131193104	1,122,148	78,253	SH	DFND	1	78,253	0	0
TORO CO	COM	891092108	13,551,580	141,177	SH	DFND	1	141,177	0	0
TORRID HOLDINGS INC	COM	89142B107	34,649	6,005	SH	DFND	1	6,005	0	0
TOWNE BANK	COM	89214P109	1,038,862	34,908	SH	DFND	1	34,908	0	0
TOWNSQUARE MEDIA INC CL A	CL A	892231101	61,311	5,806	SH	DFND	1	5,806	0	0
TPG INC	CL A	872657101	29,787	690	SH	DFND	1	690	0	0
TPG RE FINANCE TRUST INC	COM	87266M107	223,288	34,352	SH	DFND	1	34,352	0	0
TPI COMPOSITES INC	COM	87266J104	85,189	20,577	SH	DFND	1	20,577	0	0
TRACTOR SUPPLY COMPANY	COM	892356106	6,420,366	29,858	SH	DFND	1	29,858	0	0
TRADE DESK INC/THE CLASS A	COM	88339J105	2,768,229	38,469	SH	DFND	1	38,469	0	0
TRADEWEB MARKETS INC CLASS A	CL A	892672106	117,235	1,290	SH	DFND	1	1,290	0	0
TRAEGER INC	COM	89269P103	48,176	17,647	SH	DFND	1	17,647	0	0
TRANE TECHNOLOGIES PLC	PLC SHS	G8994E103	15,209,116	62,358	SH	DFND	1	62,358	0	0
TRANSCAT INC	COM	893529107	445,738	4,077	SH	DFND	1	4,077	0	0
TRANSCONTINENTAL REALTY INV	COM	893617209	21,669	627	SH	DFND	1	627	0	0
TRANSDIGM GROUP INC	COM	893641100	15,401,610	15,225	SH	DFND	1	15,225	0	0
TRANSMEDICS GROUP INC	COM	89377M109	1,244,805	15,771	SH	DFND	1	15,771	0	0

TRANSPHORM INC	COM	89386L100	53,272	14,595	SH	DFND	1	14,595	0	0
TRANSUNION	COM	89400J107	109,111	1,588	SH	DFND	1	1,588	0	0
TRAVEL LEISURE CO	COM	894164102	3,834,104	98,084	SH	DFND	1	98,084	0	0
TRAVELERS COS INC/THE	COM	89417E109	13,791,476	72,400	SH	DFND	1	72,400	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	325,519	36,209	SH	DFND	1	36,209	0	0
TREACE MEDICAL CONCEPTS INC	COM	89455T109	286,582	22,477	SH	DFND	1	22,477	0	0
TREDEGAR CORP	COM	894650100	71,747	13,262	SH	DFND	1	13,262	0	0
TREEHOUSE FOODS INC	COM	89469A104	1,159,854	27,982	SH	DFND	1	27,982	0	0
TREVI THERAPEUTICS INC	COM	89532M101	28,074	20,951	SH	DFND	1	20,951	0	0
TREX COMPANY INC	COM	89531P105	12,222,370	147,631	SH	DFND	1	147,631	0	0
TRI POINTE HOMES INC	COM	87265H109	1,854,889	52,398	SH	DFND	1	52,398	0	0
TRICO BANCSHARES	COM	896095106	663,972	15,452	SH	DFND	1	15,452	0	0
TRIMAS CORP	COM	896215209	522,710	20,636	SH	DFND	1	20,636	0	0
TRIMBLE INC	COM	896239100	3,469,385	65,214	SH	DFND	1	65,214	0	0
TRINET GROUP INC	COM	896288107	1,893,960	15,925	SH	DFND	1	15,925	0	0
TRINITY INDUSTRIES INC	COM	896522109	1,176,155	44,233	SH	DFND	1	44,233	0	0
TRINSEO PLC	COM	G9059U107	145,638	17,400	SH	DFND	1	17,400	0	0
TRIPADVISOR INC	COM	896945201	128,319	5,960	SH	DFND	1	5,960	0	0
TRIUMPH FINANCIAL INC	COM	89679E300	967,773	12,070	SH	DFND	1	12,070	0	0
TRIUMPH GROUP INC	COM	896818101	591,094	35,651	SH	DFND	1	35,651	0	0
TRONOX HOLDINGS PLC	COM	G9087Q102	824,565	58,232	SH	DFND	1	58,232	0	0
TRUEBLUE INC	COM	89785X101	254,337	16,580	SH	DFND	1	16,580	0	0
TRUECAR INC	COM	89785L107	154,022	44,515	SH	DFND	1	44,515	0	0
TRUIST FINANCIAL CORP	COM	89832Q109	14,330,166	388,141	SH	DFND	1	388,141	0	0
TRUPANION INC	COM	898202106	651,663	21,359	SH	DFND	1	21,359	0	0
TRUSTCO BANK CORP NY	COM	898349204	315,002	10,145	SH	DFND	1	10,145	0	0
TRUSTMARK CORP	COM	898402102	923,832	33,136	SH	DFND	1	33,136	0	0
TTEC HOLDINGS INC	COM	89854H102	228,835	10,560	SH	DFND	1	10,560	0	0
TTM TECHNOLOGIES	COM	87305R109	890,356	56,316	SH	DFND	1	56,316	0	0
TUCOWS INC CLASS A	COM	898697206	133,272	4,936	SH	DFND	1	4,936	0	0
TURNING POINT BRANDS INC	COM	90041L105	224,141	8,516	SH	DFND	1	8,516	0	0
TURNSTONE BIOLOGICS CORP	COM	90042W100	8,340	3,277	SH	DFND	1	3,277	0	0
TURTLE BEACH CORP	COM	900450206	88,881	8,117	SH	DFND	1	8,117	0	0
TUSIMPLE HOLDINGS INC A	CL A	90089L108	73,012	83,176	SH	DFND	1	83,176	0	0
TUTOR PERINI CORP	COM	901109108	192,083	21,108	SH	DFND	1	21,108	0	0
TWILIO INC A	CL A	90138F102	124,047	1,635	SH	DFND	1	1,635	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	1,042,880	28,293	SH	DFND	1	28,293	0	0
TWO HARBORS INVESTMENT CORP	coM	90187B804	736,702	52,886	SH	DFND	1	52,886	0	0
TYLER TECHNOLOGIES INC	COM	902252105	5,383,295	12,875	SH	DFND	1	12,875	0	0
TYRA BIOSCIENCES INC	COM	90240B106	96,271	6,951	SH	DFND	1	6,951	0	0
TYSON FOODS INC CL A	CL A	902494103	4,017,006	74,735	SH	DFND	1	74,735	0	0
U HAUL HOLDING CO	COM	023586100	6,390	89	SH	DFND	1	89	0	0
U HAUL HOLDING CO NON VOTING	COM	023586506	81,710	1,160	SH	DFND	1	1,160	0	0
U.S. PHYSICAL	COM	90337L108	754,900	8,105	SH	DFND	1	8,105	0	0

THERAPY INC										
UBER TECHNOLOGIES INC	COM	90353T100	33,698,000	547,312	SH	DFND	1	547,312	0	0
UBIQUITI INC	COM	90353W103	8,932	64	SH	DFND	1	64	0	0
UDEMY INC	COM	902685106	643,863	43,711	SH	DFND	1	43,711	0	0
UDR INC	COM	902653104	3,052,555	79,722	SH	DFND	1	79,722	0	0
UFP INDUSTRIES INC	COM	90278Q108	14,170,201	112,865	SH	DFND	1	112,865	0	0
UFP TECHNOLOGIES INC	COM	902673102	663,386	3,856	SH	DFND	1	3,856	0	0
UGI CORP	COM	902681105	6,960,668	282,954	SH	DFND	1	282,954	0	0
UIPATH INC CLASS A	CL A	90364P105	140,743	5,666	SH	DFND	1	5,666	0	0
ULTA BEAUTY INC	COM	90384S303	7,268,512	14,834	SH	DFND	1	14,834	0	0
ULTRA CLEAN HOLDINGS INC	COM	90385V107	827,076	24,226	SH	DFND	1	24,226	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	63,553	1,329	SH	DFND	1	1,329	0	0
UMB FINANCIAL CORP	COM	902788108	6,739,979	80,670	SH	DFND	1	80,670	0	0
UMH PROPERTIES INC	COM	903002103	456,000	29,765	SH	DFND	1	29,765	0	0
UNDER ARMOUR INC CLASS A	COM	904311107	2,241,485	255,004	SH	DFND	1	255,004	0	0
UNDER ARMOUR INC CLASS C	COM	904311206	2,182,231	261,345	SH	DFND	1	261,345	0	0
UNIFIRST CORP/MA	COM	904708104	1,494,923	8,173	SH	DFND	1	8,173	0	0
UNION PACIFIC CORP	COM	907818108	38,837,434	158,120	SH	DFND	1	158,120	0	0
UNISYS CORP	COM	909214306	185,735	33,049	SH	DFND	1	33,049	0	0
UNITED AIRLINES HOLDINGS INC	COM	910047109	3,548,112	85,994	SH	DFND	1	85,994	0	0
UNITED BANKSHARES INC	COM	909907107	9,246,838	246,254	SH	DFND	1	246,254	0	0
UNITED COMMUNITY BANKS/GA	COM	90984P303	1,846,101	63,093	SH	DFND	1	63,093	0	0
UNITED FIRE GROUP INC	COM	910340108	230,434	11,453	SH	DFND	1	11,453	0	0
UNITED HOMES GROUP INC	CL A	91060H108	22,635	2,685	SH	DFND	1	2,685	0	0
UNITED NATURAL FOODS INC	COM	911163103	517,088	31,860	SH	DFND	1	31,860	0	0
UNITED PARCEL SERVICE CL B	COM	911312106	28,884,566	183,709	SH	DFND	1	183,709	0	0
UNITED RENTALS INC	COM	911363109	10,725,248	18,704	SH	DFND	1	18,704	0	0
UNITED STATES LIME plus MINERAL	COM	911922102	235,648	1,023	SH	DFND	1	1,023	0	0
UNITED STATES STEEL CORP	COM	912909108	14,656,396	301,262	SH	DFND	1	301,262	0	0
UNITED THERAPEUTICS CORP	COM	91307C102	13,936,848	63,381	SH	DFND	1	63,381	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	125,898,456	239,137	SH	DFND	1	239,137	0	0
UNITI GROUP INC	COM	91325V108	749,660	129,699	SH	DFND	1	129,699	0	0
UNITIL CORP	COM	913259107	456,781	8,689	SH	DFND	1	8,689	0	0
UNITY BANCORP INC	COM	913290102	105,932	3,580	SH	DFND	1	3,580	0	0
UNITY SOFTWARE INC	COM	91332U101	138,699	3,392	SH	DFND	1	3,392	0	0
UNIVERSAL CORP/VA	COM	913456109	884,921	13,145	SH	DFND	1	13,145	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	11,296,007	59,061	SH	DFND	1	59,061	0	0
UNIVERSAL HEALTH RLTY INCOME	COM	91359E105	302,620	6,997	SH	DFND	1	6,997	0	0
UNIVERSAL HEALTH SERVICES B	COM	913903100	2,437,363	15,989	SH	DFND	1	15,989	0	0
UNIVERSAL INSURANCE HOLDINGS	COM	91359V107	192,990	12,077	SH	DFND	1	12,077	0	0
UNIVERSAL LOGISTICS	COM	91388P105	94,455	3,371	SH	DFND	1	3,371	0	0

HOLDINGS										
UNIVERSAL TECHNICAL INSTITUT	COM	913915104	204,076	16,300	SH	DFND	1	16,300	0	0
UNIVEST FINANCIAL CORP	COM	915271100	317,783	14,425	SH	DFND	1	14,425	0	0
UNUM GROUP	COM	91529Y106	11,203,843	247,763	SH	DFND	1	247,763	0	0
UPBOUND GROUP INC	COM	76009N100	1,002,149	29,501	SH	DFND	1	29,501	0	0
UPSTART HOLDINGS INC	COM	91680M107	1,487,549	36,406	SH	DFND	1	36,406	0	0
UPWORK INC	COM	91688F104	924,825	62,194	SH	DFND	1	62,194	0	0
URANIUM ENERGY CORP	COM	916896103	1,203,558	188,056	SH	DFND	1	188,056	0	0
URBAN EDGE PROPERTIES	COM	91704F104	1,146,989	62,677	SH	DFND	1	62,677	0	0
URBAN ONE INC	CL A	91705J105	18,151	4,504	SH	DFND	1	4,504	0	0
URBAN ONE INC	CL D NON VTG	91705J204	20,005	5,667	SH	DFND	1	5,667	0	0
URBAN OUTFITTERS INC	COM	917047102	1,227,736	34,400	SH	DFND	1	34,400	0	0
UROGEN PHARMA LTD	COM	M96088105	202,815	13,521	SH	DFND	1	13,521	0	0
US BANCORP	COM	902973304	20,199,685	466,721	SH	DFND	1	466,721	0	0
US FOODS HOLDING CORP	COM	912008109	13,873,936	305,526	SH	DFND	1	305,526	0	0
US SILICA HOLDINGS INC	COM	90346E103	464,954	41,110	SH	DFND	1	41,110	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	330,873	6,173	SH	DFND	1	6,173	0	0
USCB FINANCIAL HOLDINGS INC	CL A	90355N101	64,080	5,231	SH	DFND	1	5,231	0	0
UTAH MEDICAL PRODUCTS INC	COM	917488108	143,679	1,706	SH	DFND	1	1,706	0	0
UTZ BRANDS INC	CL A	918090101	581,587	35,812	SH	DFND	1	35,812	0	0
UWM HOLDINGS CORP	CL A	91823B109	7,522	1,052	SH	DFND	1	1,052	0	0
V2X INC	COM	92242T101	266,287	5,734	SH	DFND	1	5,734	0	0
VAALCO ENERGY INC	COM	91851C201	240,583	53,582	SH	DFND	1	53,582	0	0
VAIL RESORTS INC	COM	91879Q109	10,989,436	51,480	SH	DFND	1	51,480	0	0
VALARIS LTD	CL A	G9460G101	7,831,654	114,214	SH	DFND	1	114,214	0	0
VALERO ENERGY CORP	COM	91913Y100	12,279,930	94,461	SH	DFND	1	94,461	0	0
VALHI INC	COM	918905209	18,243	1,201	SH	DFND	1	1,201	0	0
VALLEY NATIONAL BANCORP	COM	919794107	8,550,024	787,295	SH	DFND	1	787,295	0	0
VALMONT INDUSTRIES	COM	920253101	6,591,754	28,229	SH	DFND	1	28,229	0	0
VALUE LINE INC	COM	920437100	20,378	418	SH	DFND	1	418	0	0
VALVOLINE INC	COM	92047W101	7,050,534	187,614	SH	DFND	1	187,614	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	118,493	28,079	SH	DFND	1	28,079	0	0
VAREX IMAGING CORP	COM	92214X106	434,416	21,191	SH	DFND	1	21,191	0	0
VARONIS SYSTEMS INC	COM	922280102	2,448,290	54,070	SH	DFND	1	54,070	0	0
VAXCYTE INC	COM	92243G108	2,928,176	46,627	SH	DFND	1	46,627	0	0
VAXXINITY INC A	CL A	92244V104	18,007	21,185	SH	DFND	1	21,185	0	0
VECTOR GROUP LTD	COM	92240M108	885,762	78,525	SH	DFND	1	78,525	0	0
VEECO INSTRUMENTS INC	COM	922417100	866,792	27,934	SH	DFND	1	27,934	0	0
VEEVA SYSTEMS INC CLASS A	COM	922475108	471,867	2,451	SH	DFND	1	2,451	0	0
VELO3D INC	COM	92259N104	17,979	45,220	SH	DFND	1	45,220	0	0
VELOCITY FINANCIAL INC	COM	92262D101	74,959	4,353	SH	DFND	1	4,353	0	0
VENTAS INC	COM	92276F100	5,257,671	105,491	SH	DFND	1	105,491	0	0

VENTYX BIOSCIENCES INC	COM	92332V107	57,457	23,262	SH	DFND	1	23,262	0	0
VERA BRADLEY INC	COM	92335C106	100,408	13,040	SH	DFND	1	13,040	0	0
VERA THERAPEUTICS INC	CL A	92337R101	258,492	16,807	SH	DFND	1	16,807	0	0
VERACYTE INC	COM	92337F107	995,477	36,186	SH	DFND	1	36,186	0	0
VERADIGM INC	COM	01988P108	616,592	58,779	SH	DFND	1	58,779	0	0
VERALTO CORP	COM	92338C103	5,272,372	64,094	SH	DFND	1	64,094	0	0
VERDE CLEAN FUELS INC	CL A	923372106	739	313	SH	DFND	1	313	0	0
VERICEL CORP	COM	92346J108	922,833	25,915	SH	DFND	1	25,915	0	0
VERINT SYSTEMS INC	COM	92343X100	839,633	31,063	SH	DFND	1	31,063	0	0
VERIS RESIDENTIAL INC	COM	554489104	678,246	43,118	SH	DFND	1	43,118	0	0
VERISIGN INC	COM	92343E102	4,910,910	23,844	SH	DFND	1	23,844	0	0
VERISK ANALYTICS INC	COM	92345Y106	13,471,943	56,401	SH	DFND	1	56,401	0	0
VERITEX HOLDINGS INC	COM	923451108	666,639	28,648	SH	DFND	1	28,648	0	0
VERITONE INC	COM	92347M100	23,829	13,165	SH	DFND	1	13,165	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	44,583,078	1,182,575	SH	DFND	1	1,182,575	0	0
VERRA MOBILITY CORP	COM	92511U102	1,778,952	77,245	SH	DFND	1	77,245	0	0
VERRICA PHARMACEUTICALS INC	COM	92511W108	75,960	10,377	SH	DFND	1	10,377	0	0
VERTEX ENERGY INC	COM	92534K107	110,094	32,476	SH	DFND	1	32,476	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	39,677,065	97,513	SH	DFND	1	97,513	0	0
VERTIV HOLDINGS CO A	CL A	92537N108	146,059	3,041	SH	DFND	1	3,041	0	0
VERVE THERAPEUTICS INC	COM	92539P101	361,757	25,951	SH	DFND	1	25,951	0	0
VESTIS CORP	COM	29430C102	150,115	7,101	SH	DFND	1	7,101	0	0
VF CORP	COM	918204108	1,632,498	86,835	SH	DFND	1	86,835	0	0
VIAD CORP	COM	92552R406	402,001	11,105	SH	DFND	1	11,105	0	0
VIANT TECHNOLOGY INC A	CL A	92557A101	50,235	7,291	SH	DFND	1	7,291	0	0
VIASAT INC	COM	92552V100	124,909	4,469	SH	DFND	1	4,469	0	0
VIATRIS INC	COM	92556V106	3,406,652	314,557	SH	DFND	1	314,557	0	0
VIAVI SOLUTIONS INC	COM	925550105	1,213,274	120,484	SH	DFND	1	120,484	0	0
VICARIOUS SURGICAL INC	CL A	92561V109	18,245	49,755	SH	DFND	1	49,755	0	0
VICI PROPERTIES INC	COM	925652109	8,648,438	271,281	SH	DFND	1	271,281	0	0
VICOR CORP	COM	925815102	543,280	12,089	SH	DFND	1	12,089	0	0
VICTORIA S SECRET plus CO	COM	926400102	121,022	4,560	SH	DFND	1	4,560	0	0
VICTORY CAPITAL HOLDING A	CL A	92645B103	459,154	13,332	SH	DFND	1	13,332	0	0
VIEMED HEALTHCARE INC	COM	92663R105	133,207	16,969	SH	DFND	1	16,969	0	0
VIGIL NEUROSCIENCE INC	COM	92673K108	26,996	7,987	SH	DFND	1	7,987	0	0
VIKING THERAPEUTICS INC	COM	92686J106	889,446	47,794	SH	DFND	1	47,794	0	0
VILLAGE SUPER MARKET CLASS A	COM	927107409	114,966	4,383	SH	DFND	1	4,383	0	0
VIMEO INC	COM	92719V100	296,724	75,695	SH	DFND	1	75,695	0	0
VIPSHOP HOLDINGS LTD ADR	ADR	92763W103	81,927	4,613	SH	DFND	1	4,613	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	459,440	45,670	SH	DFND	1	45,670	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	399,867	163,211	SH	DFND	1	163,211	0	0

VIRGINIA NATIONAL BANKSHARES	COM	928031103	80,724	2,348	SH	DFND	1	2,348	0	0
VIRIDIAN THERAPEUTICS INC	COM	92790C104	462,803	21,249	SH	DFND	1	21,249	0	0
VIRTU FINANCIAL INC CLASS A	COM	928254101	14,668	724	SH	DFND	1	724	0	0
VIRTUS INVESTMENT PARTNERS	COM	92828Q109	910,226	3,765	SH	DFND	1	3,765	0	0
VISA INC CLASS A SHARES	COM	92826C839	127,769,366	490,760	SH	DFND	1	490,760	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	5,600,279	233,637	SH	DFND	1	233,637	0	0
VISHAY PRECISION GROUP	COM	92835K103	209,871	6,160	SH	DFND	1	6,160	0	0
VISTA OUTDOOR INC	COM	928377100	930,361	31,463	SH	DFND	1	31,463	0	0
VISTEON CORP	COM	92839U206	6,377,394	51,060	SH	DFND	1	51,060	0	0
VISTRA CORP	COM	92840M102	17,531,839	455,136	SH	DFND	1	455,136	0	0
VITA COCO CO INC/THE	COM	92846Q107	364,589	14,214	SH	DFND	1	14,214	0	0
VITAL ENERGY INC	COM	516806205	581,226	12,777	SH	DFND	1	12,777	0	0
VITAL FARMS INC	COM	92847W103	238,190	15,181	SH	DFND	1	15,181	0	0
VITESSE ENERGY INC	COM	92852X103	272,859	12,465	SH	DFND	1	12,465	0	0
VIVID SEATS INC CLASS A	CL A	92854T100	76,718	12,139	SH	DFND	1	12,139	0	0
VIZIO HOLDING CORP A	CL A	92858V101	293,994	38,181	SH	DFND	1	38,181	0	0
VONTIER CORP	COM	928881101	7,218,532	208,930	SH	DFND	1	208,930	0	0
VOR BIOPHARMA INC	COM	929033108	42,136	18,727	SH	DFND	1	18,727	0	0
VORNADO REALTY TRUST	COM	929042109	6,104,458	216,087	SH	DFND	1	216,087	0	0
VOXX INTERNATIONAL CORP	CL A	91829F104	62,895	5,889	SH	DFND	1	5,889	0	0
VOYA FINANCIAL INC	COM	929089100	10,291,592	141,058	SH	DFND	1	141,058	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	133,242	15,787	SH	DFND	1	15,787	0	0
VSE CORP	COM	918284100	420,676	6,511	SH	DFND	1	6,511	0	0
VULCAN MATERIALS CO	COM	929160109	8,197,104	36,109	SH	DFND	1	36,109	0	0
VUZIX CORP	COM	92921W300	61,178	29,342	SH	DFND	1	29,342	0	0
WplusT OFFSHORE INC	COM	92922P106	159,349	48,880	SH	DFND	1	48,880	0	0
WABASH NATIONAL CORP	COM	929566107	642,293	25,070	SH	DFND	1	25,070	0	0
WABTEC CORP	COM	929740108	5,960,874	46,973	SH	DFND	1	46,973	0	0
WAFD INC	COM	938824109	1,157,061	35,105	SH	DFND	1	35,105	0	0
WALDENCAST ACQUISITION COR A	CL A ORD SHS	G9503X103	196,121	17,927	SH	DFND	1	17,927	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	8,359,012	320,146	SH	DFND	1	320,146	0	0
WALKER plus DUNLOP INC	COM	93148P102	1,931,019	17,395	SH	DFND	1	17,395	0	0
WALMART INC	COM	931142103	57,123,059	362,341	SH	DFND	1	362,341	0	0
WALT DISNEY CO/THE	COM	254687106	41,963,903	464,768	SH	DFND	1	464,768	0	0
WARBY PARKER INC CLASS A	CL A	93403J106	594,287	42,148	SH	DFND	1	42,148	0	0
WARNER BROS DISCOVERY INC	COM	934423104	9,474,442	832,552	SH	DFND	1	832,552	0	0
WARRIOR MET COAL INC	COM	93627C101	1,717,891	28,176	SH	DFND	1	28,176	0	0
WASHINGTON TRUST BANCORP	COM	940610108	272,381	8,412	SH	DFND	1	8,412	0	0
WASTE MANAGEMENT INC	COM	94106L109	21,557,013	120,363	SH	DFND	1	120,363	0	0
WATERS CORP	COM	941848103	5,356,901	16,271	SH	DFND	1	16,271	0	0

WATERSTONE FINANCIAL INC	COM	94188P101	124,207	8,747	SH	DFND	1	8,747	0	0
WATSCO INC	COM	942622200	19,629,068	45,812	SH	DFND	1	45,812	0	0
WATTS WATER TECHNOLOGIES A	COM	942749102	10,489,711	50,349	SH	DFND	1	50,349	0	0
WAVE LIFE SCIENCES LTD	LTD SHS	Y95308105	148,420	29,390	SH	DFND	1	29,390	0	0
WAYFAIR INC CLASS A	COM	94419L101	57,196	927	SH	DFND	1	927	0	0
WD 40 CO	COM	929236107	1,766,966	7,391	SH	DFND	1	7,391	0	0
WEATHERFORD INTERNATIONAL PL	ORD SHS	G48833118	12,937,333	132,243	SH	DFND	1	132,243	0	0
WEAVE COMMUNICATIONS INC	COM	94724R108	190,563	16,614	SH	DFND	1	16,614	0	0
WEBSTER FINANCIAL CORP	COM	947890109	11,795,152	232,371	SH	DFND	1	232,371	0	0
WEC ENERGY GROUP INC	COM	92939U106	8,237,634	97,869	SH	DFND	1	97,869	0	0
WEIBO CORP SPON ADR	ADR	948596101	7,534	688	SH	DFND	1	688	0	0
WEIS MARKETS INC	COM	948849104	524,216	8,196	SH	DFND	1	8,196	0	0
WELLS FARGO plus CO	COM	949746101	45,402,743	922,445	SH	DFND	1	922,445	0	0
WELLTOWER INC	COM	95040Q104	13,510,802	149,837	SH	DFND	1	149,837	0	0
WENDY S CO/THE	COM	95058W100	4,425,622	227,188	SH	DFND	1	227,188	0	0
WERNER ENTERPRISES INC	COM	950755108	4,940,639	116,607	SH	DFND	1	116,607	0	0
WESBANCO INC	COM	950810101	900,288	28,699	SH	DFND	1	28,699	0	0
WESCO INTERNATIONAL INC	COM	95082P105	10,317,170	59,335	SH	DFND	1	59,335	0	0
WEST BANCORPORATION	COM	95123P106	170,872	8,060	SH	DFND	1	8,060	0	0
WEST PHARMACEUTICAL SERVICES	COM	955306105	7,370,224	20,931	SH	DFND	1	20,931	0	0
WESTAMERICA BANCORPORATION	COM	957090103	797,017	14,129	SH	DFND	1	14,129	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	58,487	889	SH	DFND	1	889	0	0
WESTERN DIGITAL CORP	COM	958102105	8,162,860	155,869	SH	DFND	1	155,869	0	0
WESTERN UNION CO	COM	959802109	5,872,138	492,629	SH	DFND	1	492,629	0	0
WESTLAKE CORP	COM	960413102	6,056,769	43,275	SH	DFND	1	43,275	0	0
WESTROCK CO	COM	96145D105	2,790,808	67,216	SH	DFND	1	67,216	0	0
WESTROCK COFFEE CO	COM	96145W103	144,155	14,119	SH	DFND	1	14,119	0	0
WEX INC	COM	96208T104	11,264,250	57,899	SH	DFND	1	57,899	0	0
WEYCO GROUP INC	COM	962149100	92,543	2,951	SH	DFND	1	2,951	0	0
WEYERHAEUSER CO	COM	962166104	6,656,612	191,447	SH	DFND	1	191,447	0	0
WHIRLPOOL CORP	COM	963320106	1,750,200	14,373	SH	DFND	1	14,373	0	0
WHITE MOUNTAINS INSURANCE GP	COM	G9618E107	30,100	20	SH	DFND	1	20	0	0
WHITESTONE REIT	COM	966084204	324,493	26,403	SH	DFND	1	26,403	0	0
WIDOPENWEST INC	COM	96758W101	100,748	24,876	SH	DFND	1	24,876	0	0
WILEY (JOHN) plus SONS CLASS A	COM	968223206	638,704	20,123	SH	DFND	1	20,123	0	0
WILLDAN GROUP INC	COM	96924N100	130,269	6,059	SH	DFND	1	6,059	0	0
WILLIAMS COS INC	COM	969457100	11,308,848	324,687	SH	DFND	1	324,687	0	0
WILLIAMS SONOMA INC	COM	969904101	17,496,747	86,712	SH	DFND	1	86,712	0	0
WILLIS LEASE FINANCE CORP	COM	970646105	71,560	1,464	SH	DFND	1	1,464	0	0
WILLIS TOWERS WATSON PLC	COM	G96629103	6,558,469	27,191	SH	DFND	1	27,191	0	0
WILLSCOT MOBILE MINI HOLDING	COM CL A	971378104	88,911	1,998	SH	DFND	1	1,998	0	0

WINGSTOP INC	COM	974155103	10,262,687	39,998	SH	DFND	1	39,998	0	0
WINMARK CORP	COM	974250102	592,921	1,420	SH	DFND	1	1,420	0	0
WINNEBAGO INDUSTRIES	COM	974637100	1,154,273	15,838	SH	DFND	1	15,838	0	0
WINTRUST FINANCIAL CORP	COM	97650W108	7,671,538	82,712	SH	DFND	1	82,712	0	0
WISDOMTREE INC	COM	97717P104	511,573	73,820	SH	DFND	1	73,820	0	0
WIX.COM LTD	COM	M98068105	1,262,677	10,264	SH	DFND	1	10,264	0	0
WK KELLOGG CO	COM	92942W107	47,698	3,630	SH	DFND	1	3,630	0	0
WOLFSPEED INC	COM	977852102	7,365,155	169,275	SH	DFND	1	169,275	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	376,740	42,378	SH	DFND	1	42,378	0	0
WOODWARD INC	COM	980745103	11,109,025	81,606	SH	DFND	1	81,606	0	0
WORKDAY INC CLASS A	COM	98138H101	4,009,219	14,523	SH	DFND	1	14,523	0	0
WORKHORSE GROUP INC	COM	98138J206	36,943	102,619	SH	DFND	1	102,619	0	0
WORKIVA INC	COM	98139A105	2,510,532	24,727	SH	DFND	1	24,727	0	0
WORLD ACCEPTANCE CORP	COM	981419104	284,816	2,182	SH	DFND	1	2,182	0	0
WORLD KINECT CORP	COM	981475106	741,580	32,554	SH	DFND	1	32,554	0	0
WORTHINGTON ENTERPRISES INC	COM	981811102	963,847	16,748	SH	DFND	1	16,748	0	0
WORTHINGTON STEEL INC	COM	982104101	470,591	16,747	SH	DFND	1	16,747	0	0
WP CAREY INC	COM	92936U109	19,139,689	295,320	SH	DFND	1	295,320	0	0
WR BERKLEY CORP	COM	084423102	3,775,670	53,389	SH	DFND	1	53,389	0	0
WSFS FINANCIAL CORP	COM	929328102	1,530,020	33,312	SH	DFND	1	33,312	0	0
WW GRAINGER INC	COM	384802104	10,247,581	12,366	SH	DFND	1	12,366	0	0
WW INTERNATIONAL INC	COM	98262P101	237,169	27,105	SH	DFND	1	27,105	0	0
WYNDHAM HOTELS plus RESORTS INC	COM	98311A105	9,013,800	112,098	SH	DFND	1	112,098	0	0
WYNN RESORTS LTD	COM	983134107	2,409,131	26,442	SH	DFND	1	26,442	0	0
X4 PHARMACEUTICALS INC	COM	98420X103	51,315	61,198	SH	DFND	1	61,198	0	0
XCEL ENERGY INC	COM	98389B100	11,332,006	183,040	SH	DFND	1	183,040	0	0
XENCOR INC	COM	98401F105	672,736	31,688	SH	DFND	1	31,688	0	0
XENIA HOTELS plus RESORTS INC	COM	984017103	795,422	58,401	SH	DFND	1	58,401	0	0
XERIS BIOPHARMA HOLDINGS INC	COM	98422E103	155,429	66,140	SH	DFND	1	66,140	0	0
XEROX HOLDINGS CORP	COM	98421M106	1,163,845	63,494	SH	DFND	1	63,494	0	0
XOMA CORP	COM	98419J206	67,229	3,634	SH	DFND	1	3,634	0	0
XOMETRY INC A	CL A	98423F109	606,197	16,881	SH	DFND	1	16,881	0	0
XP INC CLASS A	CL A	G98239109	75,290	2,888	SH	DFND	1	2,888	0	0
XPEL INC	COM	98379L100	659,393	12,245	SH	DFND	1	12,245	0	0
XPENG INC ADR	ADS	98422D105	104,246	7,145	SH	DFND	1	7,145	0	0
XPERI INC	COM	98423J101	260,447	23,634	SH	DFND	1	23,634	0	0
XPO INC	COM	983793100	13,719,835	156,637	SH	DFND	1	156,637	0	0
XPONENTIAL FITNESS INC A	CL A	98422X101	161,293	12,513	SH	DFND	1	12,513	0	0
XYLEM INC	COM	98419M100	7,253,969	63,431	SH	DFND	1	63,431	0	0
Y MABS THERAPEUTICS INC	COM	984241109	124,717	18,287	SH	DFND	1	18,287	0	0
YANDEX NV A	CL A	N97284108	0	4,192	SH	DFND	1	4,192	0	0
YELP INC	COM	985817105	1,719,815	36,329	SH	DFND	1	36,329	0	0
YETI HOLDINGS INC	COM	98585X104	6,113,665	118,070	SH	DFND	1	118,070	0	0
YEXT INC	COM	98585N106	313,483	53,223	SH	DFND	1	53,223	0	0

YORK WATER CO	COM	987184108	273,661	7,086	SH	DFND	1	7,086	0	0
YUM BRANDS INC	COM	988498101	11,982,437	91,707	SH	DFND	1	91,707	0	0
YUM CHINA HOLDINGS INC	COM	98850P109	234,850	5,535	SH	DFND	1	5,535	0	0
ZAI LAB LTD ADR	ADR	98887Q104	26,045	953	SH	DFND	1	953	0	0
ZEBRA TECHNOLOGIES CORP CL A	CL A	989207105	3,702,528	13,546	SH	DFND	1	13,546	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	438,562	28,948	SH	DFND	1	28,948	0	0
ZETA GLOBAL HOLDINGS CORP A	CL A	98956A105	609,506	69,105	SH	DFND	1	69,105	0	0
ZEVI A PBC A	CL A	98955K104	25,310	12,592	SH	DFND	1	12,592	0	0
ZEVRA THERAPEUTICS INC	COM	488445206	118,398	18,076	SH	DFND	1	18,076	0	0
ZIFF DAVIS INC	COM	48123V102	5,694,621	84,754	SH	DFND	1	84,754	0	0
ZILLOW GROUP INC A	COM	98954M101	25,751	454	SH	DFND	1	454	0	0
ZILLOW GROUP INC C	COM	98954M200	73,482	1,270	SH	DFND	1	1,270	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	6,966,230	57,241	SH	DFND	1	57,241	0	0
ZIMVIE INC	COM	98888T107	228,017	12,846	SH	DFND	1	12,846	0	0
ZIONS BANCORP NA	COM	989701107	1,703,297	38,826	SH	DFND	1	38,826	0	0
ZIPRECRUITER INC A	CL A	98980B103	467,568	33,638	SH	DFND	1	33,638	0	0
ZOETIS INC	COM	98978V103	28,364,832	143,714	SH	DFND	1	143,714	0	0
ZOOM VIDEO COMMUNICATIONS A	CL A	98980L101	150,436	2,092	SH	DFND	1	2,092	0	0
ZOOMINFO TECHNOLOGIES INC	COM	98980F104	7,424,401	401,536	SH	DFND	1	401,536	0	0
ZSCALER INC	COM	98980G102	2,615,516	11,805	SH	DFND	1	11,805	0	0
ZTO EXPRESS CAYMAN INC ADR	ADR	98980A105	118,061	5,548	SH	DFND	1	5,548	0	0
ZUMIEZ INC	COM	989817101	161,072	7,919	SH	DFND	1	7,919	0	0
ZUORA INC CLASS A	COM	98983V106	621,838	66,153	SH	DFND	1	66,153	0	0
ZURA BIO LTD	CL A	G9TY5A101	39,546	8,468	SH	DFND	1	8,468	0	0
ZURN ELKAY WATER SOLUTIONS C	COM	98983L108	2,164,841	73,609	SH	DFND	1	73,609	0	0
ZYMEWORKS INC	COM	98985Y108	280,177	26,966	SH	DFND	1	26,966	0	0
ZYNEX INC	COM	98986M103	98,663	9,060	SH	DFND	1	9,060	0	0