

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

FORM 13F COVER PAGE

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

Report for the Calendar Year or Quarter Ended: 12-31-2021

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

Institutional Investment Manager Filing this Report:

Name: PRINCIPAL FINANCIAL GROUP INC  
Address: 711 HIGH STREET  
DES MOINES, IA 50392

Form 13F File Number: 028-10106

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: Jill Hittner  
Title: Chief Financial Officer, Principal Global Investors, LLC  
Phone: 515-248-2153

Signature, Place, and Date of Signing:

Jill Hittner Des Moines, IA 02-03-2022  
[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).)

List of Other Managers Reporting for this Manager:

[If there are no entries in this list, omit this section.]

Form 13F File Number	Name
028-13785	Origin Asset Management, LLP
028-12454	Post Advisory Group, LLC
028-11300	Spectrum Asset Management, Inc

Form 13F Summary Page

Report Summary:

Number of Other Included Managers:	4
Form 13F Information Table Entry Total:	4,075
Form 13F Information Table Value Total:	167,520,022
	(thousands)

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.	Form 13F File Number	Name
1	028-1549	Principal Global Investors, LLC
2	028-10400	Principal Real Estate Investors, LLC
3	028-793	Principal Life Insurance Co
4	028-10107	Principal Financial Services, Inc

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE	SHRS OR PRN	SH/ PUT/ CALL	INVESTMENT DISCRETION		OTHER	MANAGER	SOLE	SHARED
NAME OF ISSUER	TITLE OF CLASS	CUSIP	(x\$1000)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
10X GENOMICS INC	CL A COM	88025U109	1,355	9,096	SH		DFND	1 4	9,096	0	0
10X GENOMICS INC	CL A COM	88025U109	1,900	12,754	SH		DFND	1 3 4	12,754	0	0
1LIFE HEALTHCARE INC	COM	68269G107	383	21,789	SH		DFND	1 3 4	21,789	0	0
1LIFE HEALTHCARE INC	COM	68269G107	348	19,828	SH		DFND	1 4	19,828	0	0
1ST SOURCE CORP	COM	336901103	824	16,616	SH		DFND	1 3 4	16,616	0	0
22ND CENTY GROUP INC	COM	90137F103	85	27,391	SH		DFND	1 4	27,391	0	0
23ANDME HOLDING CO	CLASS A COM	90138Q108	74	11,129	SH		DFND	1 3 4	11,129	0	0
2SEVENTY BIO INC	COMMON STOCK	901384107	1,980	77,240	SH		DFND	1 3 4	77,240	0	0
2U INC	COM	90214J101	230	11,447	SH		DFND	1 4	11,447	0	0
3-D SYS CORP DEL	COM NEW	88554D205	18,314	850,217	SH		DFND	1 3 4	850,217	0	0
3-D SYS CORP DEL	COM NEW	88554D205	435	20,204	SH		DFND	1 4	20,204	0	0
3M CO	COM	88579Y101	118,486	667,042	SH		DFND	1 3 4	667,042	0	0
3M CO	COM	88579Y101	3,409	19,193	SH		DFND	1 4	19,193	0	0
8X8 INC NEW	COM	282914100	321	19,146	SH		DFND	1 4	19,146	0	0
8X8 INC NEW	COM	282914100	12,713	758,532	SH		DFND	1 3 4	758,532	0	0
9 METERS BIOPHARMA INC	COM	654405109	30	30,491	SH		DFND	1 3 4	30,491	0	0
9 METERS BIOPHARMA INC	COM	654405109	37	38,218	SH		DFND	1 4	38,218	0	0
A10 NETWORKS INC	COM	002121101	1,266	76,382	SH		DFND	1 3 4	76,382	0	0
AAON INC	COM PAR \$0.004	000360206	21,913	275,890	SH		DFND	1 3 4	275,890	0	0
AAON INC	COM PAR \$0.004	000360206	567	7,133	SH		DFND	1 4	7,133	0	0
AAR CORP	COM	000361105	27,376	701,418	SH		DFND	1 3 4	701,418	0	0
ABBOTT LABS	COM	002824100	792,554	5,634,319	SH		DFND	1 3 4	5,634,319	0	0
ABBOTT LABS	COM	002824100	11,845	84,162	SH		DFND	1 4	84,162	0	0
ABBVIE INC	COM	00287Y109	323,344	2,388,066	SH		DFND	1 3 4	2,388,066	0	0
ABBVIE INC	COM	00287Y109	16,730	123,559	SH		DFND	1 4	123,559	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	18,246	523,860	SH		DFND	1 3 4	523,860	0	0
ABIOMED INC	COM	003654100	20,687	57,596	SH		DFND	1 3 4	57,596	0	0
ABIOMED INC	COM	003654100	1,725	4,804	SH		DFND	1 4	4,804	0	0
ABM INDS INC	COM	000957100	65,296	1,598,436	SH		DFND	1 3 4	1,598,436	0	0
ABM INDS INC	COM	000957100	240	5,872	SH		DFND	1 4	5,872	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	20,053	456,799	SH		DFND	1 3 4	456,799	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	297	6,770	SH		DFND	1 4	6,770	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	18,185	299,586	SH		DFND	1 3 4	299,586	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	362	5,957	SH		DFND	1 4	5,957	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	475	20,352	SH		DFND	1 4	20,352	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	446	19,113	SH		DFND	1 3 4	19,113	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	12,855	588,873	SH		DFND	1 3 4	588,873	0	0
ACCENTURE PLC	SHS CLASS A	G1151C101	16,213	39,111	SH		DFND	1 4	39,111	0	0

IRELAND										
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	366,061	883,033	SH	DFND	1 3 4	883,033	0	0
ACCO BRANDS CORP	COM	00081T108	238	28,766	SH	DFND	1 3 4	28,766	0	0
ACCOLADE INC	COM	00437E102	10,575	401,168	SH	DFND	1 3 4	401,168	0	0
ACCOLADE INC	COM	00437E102	226	8,562	SH	DFND	1 4	8,562	0	0
ACCURAY INC	COM	004397105	290	60,832	SH	DFND	1 3 4	60,832	0	0
ACCURAY INC	COM	004397105	73	15,329	SH	DFND	1 4	15,329	0	0
ACI WORLDWIDE INC	COM	004498101	13,589	391,624	SH	DFND	1 3 4	391,624	0	0
ACI WORLDWIDE INC	COM	004498101	696	20,066	SH	DFND	1 4	20,066	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	660	45,405	SH	DFND	1 3 4	45,405	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	169,172	2,540,431	SH	DFND	1 3 4	2,540,431	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	1,382	20,778	SH	DFND	1 4	20,778	0	0
ACUITY BRANDS INC	COM	00508Y102	28,770	135,886	SH	DFND	1 3 4	135,886	0	0
ACUITY BRANDS INC	COM	00508Y102	493	2,328	SH	DFND	1 4	2,328	0	0
ACUSHNET HLDGS CORP	COM	005098108	70,338	1,360,279	SH	DFND	1 3 4	1,360,279	0	0
ACUSHNET HLDGS CORP	COM	005098108	204	3,838	SH	DFND	1 4	3,838	0	0
ADAMIS PHARMACEUTICALS CORP	COM NEW	00547W208	11	17,822	SH	DFND	1 3 4	17,822	0	0
ADAPTHEALTH CORP	COMMON STOCK	00653Q102	385	15,732	SH	DFND	1 3 4	15,732	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	13,194	470,183	SH	DFND	1 3 4	470,183	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	327	11,644	SH	DFND	1 4	11,644	0	0
ADC THERAPEUTICS SA	SHS	H0036K147	6,126	303,234	SH	DFND	1 3 4	303,234	0	0
ADDUS HOMECARE CORP	COM	006739106	46,287	494,992	SH	DFND	1 3 4	494,992	0	0
ADIANT PLC	ORD SHS	G0084W101	15,027	313,850	SH	DFND	1 3 4	313,850	0	0
ADIANT PLC	ORD SHS	G0084W101	441	9,219	SH	DFND	1 4	9,219	0	0
ADMA BIOLOGICS INC	COM	000899104	22	15,888	SH	DFND	1 3 4	15,888	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	1,065,548	1,878,031	SH	DFND	1 3 4	1,878,031	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	18,934	33,390	SH	DFND	1 4	33,390	0	0
ADT INC DEL	COM	00090Q103	89	10,601	SH	DFND	1 4	10,601	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	9,795	331,371	SH	DFND	1 3 4	331,371	0	0
ADTRAN INC	COM	00738A106	8,542	374,143	SH	DFND	1 3 4	374,143	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	19,163	79,885	SH	DFND	1 3 4	79,885	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	1,017	4,239	SH	DFND	1 4	4,239	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	5,795	42,570	SH	DFND	1 3 4	42,570	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	879	6,460	SH	DFND	1 4	6,460	0	0
ADVANCED ENERGY INDS	COM	007973100	48,346	530,921	SH	DFND	1 3 4	530,921	0	0
ADVANCED ENERGY INDS	COM	007973100	584	6,418	SH	DFND	1 4	6,418	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	201,008	1,396,857	SH	DFND	1 3 4	1,396,857	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	12,180	84,639	SH	DFND	1 4	84,639	0	0
ADVANSIX INC	COM	00773T101	10,216	216,205	SH	DFND	1 3 4	216,205	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	21	11,743	SH	DFND	1 3 4	11,743	0	0
AECOM	COM	00766T100	45,615	589,717	SH	DFND	1 3 4	589,717	0	0
AECOM	COM	00766T100	710	9,174	SH	DFND	1 4	9,174	0	0

AEROJET ROCKETDYNE HLDGS INC	COM	007800105	23,317	498,655	SH	DFND	1 3 4	498,655	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	537	11,487	SH	DFND	1 4	11,487	0	0
AEROVIRONMENT INC	COM	008073108	9,529	153,612	SH	DFND	1 3 4	153,612	0	0
AEROVIRONMENT INC	COM	008073108	237	3,824	SH	DFND	1 4	3,824	0	0
AES CORP	COM	00130H105	18,570	764,191	SH	DFND	1 3 4	764,191	0	0
AES CORP	COM	00130H105	1,081	44,487	SH	DFND	1 4	44,487	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	453	2,752	SH	DFND	1 4	2,752	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	47,686	289,868	SH	DFND	1 3 4	289,868	0	0
AFFIMED N V	COM	N01045108	109	19,741	SH	DFND	1 4	19,741	0	0
AFFIRM HLDGS INC	COM CL A	00827B106	213	2,116	SH	DFND	1 3 4	2,116	0	0
AFLAC INC	COM	001055102	41,884	717,320	SH	DFND	1 3 4	717,320	0	0
AFLAC INC	COM	001055102	2,570	44,014	SH	DFND	1 4	44,014	0	0
AGCO CORP	COM	001084102	23,864	205,692	SH	DFND	1 3 4	205,692	0	0
AGCO CORP	COM	001084102	523	4,507	SH	DFND	1 4	4,507	0	0
AGENUS INC	COM NEW	00847G705	1,173	364,157	SH	DFND	1 3 4	364,157	0	0
AGENUS INC	COM NEW	00847G705	120	37,273	SH	DFND	1 4	37,273	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	5,063	31,711	SH	DFND	1 4	31,711	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	239,249	1,499,087	SH	DFND	1 3 4	1,499,087	0	0
AGILITI INC	COM	00848J104	558	24,093	SH	DFND	1 3 4	24,093	0	0
AGILON HEALTH INC	COM	00857U107	1,268	46,974	SH	DFND	1 3 4	46,974	0	0
AGILON HEALTH INC	COM	00857U107	473	17,537	SH	DFND	1 4	17,537	0	0
AGILYSYS INC	COM	00847J105	5,756	129,465	SH	DFND	1 3 4	129,465	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	3,314	100,819	SH	DFND	1 3 4	100,819	0	0
AGNC INVT CORP	COM	00123Q104	192	12,761	SH	DFND	1 3 4	12,761	0	0
AGNC INVT CORP	COM	00123Q104	532	35,351	SH	DFND	1 4	35,351	0	0
AGREE RLTY CORP	COM	008492100	142,987	2,011,595	SH	DFND	1 3 4	2,011,595	0	0
AGREE RLTY CORP	COM	008492100	426	5,971	SH	DFND	1 4	5,971	0	0
AGREE RLTY CORP	COM	008492100	266,966	3,745,013	SH	DFND	2 3 4	3,745,013	0	0
AIR LEASE CORP	CL A	00912X302	320	7,231	SH	DFND	1 4	7,231	0	0
AIR PRODS & CHEMS INC	COM	009158106	431,184	1,421,955	SH	DFND	1 3 4	1,421,955	0	0
AIR PRODS & CHEMS INC	COM	009158106	1,810	5,948	SH	DFND	1 4	5,948	0	0
AIRBNB INC	COM CL A	009066101	1,018	6,112	SH	DFND	1 3 4	6,112	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	22,241	190,028	SH	DFND	1 3 4	190,028	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	1,267	10,828	SH	DFND	1 4	10,828	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	536	237,357	SH	DFND	1 3 4	237,357	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	48	21,206	SH	DFND	1 4	21,206	0	0
ALAMO GROUP INC	COM	011311107	9,706	65,949	SH	DFND	1 3 4	65,949	0	0
ALAMO GROUP INC	COM	011311107	236	1,605	SH	DFND	1 4	1,605	0	0
ALARM COM HLDGS INC	COM	011642105	26,014	306,737	SH	DFND	1 3 4	306,737	0	0
ALARM COM HLDGS INC	COM	011642105	682	8,043	SH	DFND	1 4	8,043	0	0
ALASKA AIR GROUP INC	COM	011659109	427	8,187	SH	DFND	1 4	8,187	0	0
ALASKA AIR GROUP INC	COM	011659109	7,533	144,578	SH	DFND	1 3 4	144,578	0	0
ALBANY INTL CORP	CL A	012348108	283	3,196	SH	DFND	1 4	3,196	0	0
ALBANY INTL CORP	CL A	012348108	63,288	727,633	SH	DFND	1 3 4	727,633	0	0
ALBEMARLE CORP	COM	012653101	56,347	241,036	SH	DFND	1 3 4	241,036	0	0
ALBEMARLE CORP	COM	012653101	1,830	7,828	SH	DFND	1 4	7,828	0	0
ALBERTSONS COS INC	COMMON STOCK	013091103	325	10,770	SH	DFND	1 3 4	10,770	0	0

ALBERTSONS COS INC	COMMON STOCK	013091103	316	10,455	SH	DFND	1 4	10,455	0	0
ALCOA CORP	COM	013872106	57,061	957,714	SH	DFND	1 3 4	957,714	0	0
ALCOA CORP	COM	013872106	749	12,577	SH	DFND	1 4	12,577	0	0
ALECTOR INC	COM	014442107	200	9,681	SH	DFND	1 3 4	9,681	0	0
ALECTOR INC	COM	014442107	205	9,933	SH	DFND	1 4	9,933	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	13,503	538,166	SH	DFND	1 3 4	538,166	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	317,276	1,424,045	SH	DFND	1 3 4	1,424,045	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	2,314	10,380	SH	DFND	1 4	10,380	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	772,143	3,470,847	SH	DFND	2 3 4	3,470,847	0	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	343	2,887	SH	DFND	1 3 4	2,887	0	0
ALICO INC	COM	016230104	216	5,822	SH	DFND	1 3 4	5,822	0	0
ALIGN TECHNOLOGY INC	COM	016255101	81,651	124,245	SH	DFND	1 3 4	124,245	0	0
ALIGN TECHNOLOGY INC	COM	016255101	3,613	5,498	SH	DFND	1 4	5,498	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	190	13,490	SH	DFND	1 4	13,490	0	0
ALKERMES PLC	SHS	G01767105	5,824	250,380	SH	DFND	1 3 4	250,380	0	0
ALKERMES PLC	SHS	G01767105	634	27,277	SH	DFND	1 4	27,277	0	0
ALLBIRDS INC	COM CL A	01675A109	1,917	127,100	SH	DFND	1 3 4	127,100	0	0
ALLEGHANY CORP MD	COM	017175100	642	962	SH	DFND	1 4	962	0	0
ALLEGHANY CORP MD	COM	017175100	31,346	46,954	SH	DFND	1 3 4	46,954	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	279	17,533	SH	DFND	1 4	17,533	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	13,494	847,104	SH	DFND	1 3 4	847,104	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	5,302	125,617	SH	DFND	1 3 4	125,617	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	18,910	101,099	SH	DFND	1 3 4	101,099	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	488	2,611	SH	DFND	1 4	2,611	0	0
ALLEGION PLC	ORD SHS	G0176J109	15,175	114,580	SH	DFND	1 3 4	114,580	0	0
ALLEGION PLC	ORD SHS	G0176J109	1,171	8,845	SH	DFND	1 4	8,845	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	65,305	1,804,986	SH	DFND	1 3 4	1,804,986	0	0
ALLETE INC	COM NEW	018522300	56,749	867,663	SH	DFND	1 3 4	867,663	0	0
ALLETE INC	COM NEW	018522300	302	4,553	SH	DFND	1 4	4,553	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	223	3,347	SH	DFND	1 4	3,347	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	16,535	248,386	SH	DFND	1 3 4	248,386	0	0
ALLIANT ENERGY CORP	COM	018802108	32,032	521,105	SH	DFND	1 3 4	521,105	0	0
ALLIANT ENERGY CORP	COM	018802108	1,034	16,820	SH	DFND	1 4	16,820	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	379	10,414	SH	DFND	1 4	10,414	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	3,553	238,117	SH	DFND	1 3 4	238,117	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	15,056	816,040	SH	DFND	1 3 4	816,040	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	194	10,536	SH	DFND	1 4	10,536	0	0
ALLSTATE CORP	COM	020002101	42,540	361,578	SH	DFND	1 3 4	361,578	0	0
ALLSTATE CORP	COM	020002101	907	7,710	SH	DFND	1 4	7,710	0	0
ALLY FINL INC	COM	02005N100	416	8,744	SH	DFND	1 3 4	8,744	0	0
ALLY FINL INC	COM	02005N100	1,110	23,308	SH	DFND	1 4	23,308	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	2,181	12,859	SH	DFND	1 4	12,859	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	2,911	17,163	SH	DFND	1 3 4	17,163	0	0
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	200	3,308	SH	DFND	1 4	3,308	0	0

ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	1,670	27,581	SH	DFND	1 3 4	27,581	0	0
ALPHA METALLURGICAL RESOUR I	COM	020764106	1,101	18,037	SH	DFND	1 3 4	18,037	0	0
ALPHABET INC	CAP STK CL C	02079K107	1,680,510	580,768	SH	DFND	1 3 4	580,768	0	0
ALPHABET INC	CAP STK CL C	02079K107	51,934	17,948	SH	DFND	1 4	17,948	0	0
ALPHABET INC	CAP STK CL A	02079K305	1,413,552	489,709	SH	DFND	1 3 4	489,709	0	0
ALPHABET INC	CAP STK CL A	02079K305	55,730	19,237	SH	DFND	1 4	19,237	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	6,512	569,765	SH	DFND	1 3 4	569,765	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	132	11,509	SH	DFND	1 4	11,509	0	0
ALTAIR ENGR INC	COM CL A	021369103	3,598	46,537	SH	DFND	1 3 4	46,537	0	0
ALTAIR ENGR INC	COM CL A	021369103	608	7,865	SH	DFND	1 4	7,865	0	0
ALTERYX INC	COM CL A	02156B103	397	6,566	SH	DFND	1 4	6,566	0	0
ALTICE USA INC	CL A	02156K103	340	21,002	SH	DFND	1 4	21,002	0	0
ALTRA INDL MOTION CORP	COM	02208R106	290	5,618	SH	DFND	1 4	5,618	0	0
ALTRA INDL MOTION CORP	COM	02208R106	2,021	39,193	SH	DFND	1 3 4	39,193	0	0
ALTRIA GROUP INC	COM	02209S103	102,995	2,173,353	SH	DFND	1 3 4	2,173,353	0	0
ALTRIA GROUP INC	COM	02209S103	4,461	94,144	SH	DFND	1 4	94,144	0	0
ALTUS MIDSTREAM CO	COM NEW CL A	02215L209	404	6,583	SH	DFND	1 3 4	6,583	0	0
ALZAMEND NEURO INC	COM NEW	02262M308	20	10,400	SH	DFND	1 3 4	10,400	0	0
A-MARK PRECIOUS METALS INC	COM	00181T107	406	6,639	SH	DFND	1 3 4	6,639	0	0
AMAZON COM INC	COM	023135106	3,002,005	900,664	SH	DFND	1 3 4	900,664	0	0
AMAZON COM INC	COM	023135106	101,244	30,364	SH	DFND	1 4	30,364	0	0
AMBAC FINL GROUP INC	COM NEW	023139884	4,952	308,552	SH	DFND	1 3 4	308,552	0	0
AMBARELLA INC	SHS	G037AX101	1,219	6,010	SH	DFND	1 4	6,010	0	0
AMBARELLA INC	SHS	G037AX101	31,509	155,297	SH	DFND	1 3 4	155,297	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	1,222	44,911	SH	DFND	1 4	44,911	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	339	12,448	SH	DFND	1 3 4	12,448	0	0
AMC NETWORKS INC	CL A	00164V103	7,764	225,448	SH	DFND	1 3 4	225,448	0	0
AMCOR PLC	ORD	G0250X107	26,693	2,222,525	SH	DFND	1 3 4	2,222,525	0	0
AMCOR PLC	ORD	G0250X107	1,247	103,793	SH	DFND	1 4	103,793	0	0
AMDOCS LTD	SHS	G02602103	83,404	1,112,480	SH	DFND	1 3 4	1,112,480	0	0
AMDOCS LTD	SHS	G02602103	647	8,646	SH	DFND	1 4	8,646	0	0
AMEDISYS INC	COM	023436108	37,073	229,014	SH	DFND	1 3 4	229,014	0	0
AMEDISYS INC	COM	023436108	540	3,333	SH	DFND	1 4	3,333	0	0
AMER SOFTWARE INC	CL A	029683109	533	20,354	SH	DFND	1 3 4	20,354	0	0
AMER STATES WTR CO	COM	029899101	497	4,808	SH	DFND	1 4	4,808	0	0
AMER STATES WTR CO	COM	029899101	31,534	304,857	SH	DFND	1 3 4	304,857	0	0
AMERCO	COM	023586100	436	601	SH	DFND	1 4	601	0	0
AMEREN CORP	COM	023608102	1,526	17,148	SH	DFND	1 4	17,148	0	0
AMEREN CORP	COM	023608102	27,190	305,469	SH	DFND	1 3 4	305,469	0	0
AMERESCO INC	CL A	02361E108	428	5,257	SH	DFND	1 4	5,257	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	13,117	730,325	SH	DFND	1 3 4	730,325	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	772	43,010	SH	DFND	1 4	43,010	0	0
AMERICAN ASSETS TR INC	COM	024013104	14,740	392,746	SH	DFND	1 3 4	392,746	0	0
AMERICAN ASSETS TR INC	COM	024013104	39,848	1,061,975	SH	DFND	2 3 4	1,061,975	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	7,081	758,936	SH	DFND	1 3 4	758,936	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	135	14,516	SH	DFND	1 4	14,516	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	532	9,293	SH	DFND	1 4	9,293	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	26,556	463,545	SH	DFND	1 3 4	463,545	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	655	25,885	SH	DFND	1 4	25,885	0	0

AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	12,940	511,069	SH	DFND	1 3 4	511,069	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	52,659	591,869	SH	DFND	1 3 4	591,869	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	1,197	13,459	SH	DFND	1 4	13,459	0	0
AMERICAN EQTY INVLT LIFE HLD	COM	025676206	21,333	548,126	SH	DFND	1 3 4	548,126	0	0
AMERICAN EQTY INVLT LIFE HLD	COM	025676206	279	7,173	SH	DFND	1 4	7,173	0	0
AMERICAN EXPRESS CO	COM	025816109	118,202	722,506	SH	DFND	1 3 4	722,506	0	0
AMERICAN EXPRESS CO	COM	025816109	5,582	34,122	SH	DFND	1 4	34,122	0	0
AMERICAN FIN TR INC	COM CLASS A	02607T109	103	11,315	SH	DFND	1 4	11,315	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	35,986	262,056	SH	DFND	1 3 4	262,056	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	627	4,566	SH	DFND	1 4	4,566	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	16,145	370,212	SH	DFND	1 3 4	370,212	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	830	19,031	SH	DFND	1 4	19,031	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	759,108	17,443,223	SH	DFND	2 3 4	17,443,223	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	54,264	954,342	SH	DFND	1 3 4	954,342	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	1,274	22,400	SH	DFND	1 4	22,400	0	0
AMERICAN OUTDOOR BRANDS INC	COM	02875D109	256	12,864	SH	DFND	1 3 4	12,864	0	0
AMERICAN PUB ED INC	COM	02913V103	2,770	124,485	SH	DFND	1 3 4	124,485	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	726,378	2,493,551	SH	DFND	1 3 4	2,493,551	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	9,232	31,562	SH	DFND	1 4	31,562	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	756,443	2,589,379	SH	DFND	2 3 4	2,589,379	0	0
AMERICAN VANGUARD CORP	COM	030371108	2,941	179,451	SH	DFND	1 3 4	179,451	0	0
AMERICAN WELL CORP	CL A	03044L105	96	15,954	SH	DFND	1 4	15,954	0	0
AMERICAN WELL CORP	CL A	03044L105	152	25,216	SH	DFND	1 3 4	25,216	0	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	7,188	110,241	SH	DFND	1 3 4	110,241	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	57,203	302,887	SH	DFND	1 3 4	302,887	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	2,307	12,216	SH	DFND	1 4	12,216	0	0
AMERICAS CAR-MART INC	COM	03062T105	4,147	40,496	SH	DFND	1 3 4	40,496	0	0
AMERICOLD RLTY TR	COM	03064D108	583	17,787	SH	DFND	1 4	17,787	0	0
AMERIPRISE FINL INC	COM	03076C106	75,664	250,826	SH	DFND	1 3 4	250,826	0	0
AMERIPRISE FINL INC	COM	03076C106	3,065	10,159	SH	DFND	1 4	10,159	0	0
AMERIS BANCORP	COM	03076K108	86,459	1,740,304	SH	DFND	1 3 4	1,740,304	0	0
AMERIS BANCORP	COM	03076K108	288	5,794	SH	DFND	1 4	5,794	0	0
AMERISAFE INC	COM	03071H100	6,948	129,073	SH	DFND	1 3 4	129,073	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	1,328	9,994	SH	DFND	1 4	9,994	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	46,912	353,015	SH	DFND	1 3 4	353,015	0	0
AMETEK INC	COM	031100100	46,471	316,044	SH	DFND	1 3 4	316,044	0	0
AMETEK INC	COM	031100100	2,281	15,510	SH	DFND	1 4	15,510	0	0
AMGEN INC	COM	031162100	146,665	651,931	SH	DFND	1 3 4	651,931	0	0
AMGEN INC	COM	031162100	7,963	35,398	SH	DFND	1 4	35,398	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	370	32,033	SH	DFND	1 3 4	32,033	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	516	44,715	SH	DFND	1 4	44,715	0	0
AMKOR TECHNOLOGY INC	COM	031652100	8,279	333,960	SH	DFND	1 3 4	333,960	0	0

AMKOR TECHNOLOGY INC	COM	031652100	264	10,649	SH	DFND	1 4	10,649	0	0
AMMO INC	COM	00175J107	81	14,862	SH	DFND	1 4	14,862	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	73,882	603,958	SH	DFND	1 3 4	603,958	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	981	8,019	SH	DFND	1 4	8,019	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	580	121,189	SH	DFND	1 3 4	121,189	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	81	16,852	SH	DFND	1 4	16,852	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	6,543	280,940	SH	DFND	1 3 4	280,940	0	0
AMPHENOL CORP NEW	CL A	032095101	66,911	765,043	SH	DFND	1 3 4	765,043	0	0
AMPHENOL CORP NEW	CL A	032095101	4,935	56,424	SH	DFND	1 4	56,424	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	20	34,357	SH	DFND	1 4	34,357	0	0
AMYRIS INC	COM NEW	03236M200	92	16,934	SH	DFND	1 4	16,934	0	0
ANALOG DEVICES INC	COM	032654105	114,493	651,379	SH	DFND	1 3 4	651,379	0	0
ANALOG DEVICES INC	COM	032654105	4,153	23,625	SH	DFND	1 4	23,625	0	0
ANAPLAN INC	COM	03272L108	702	15,320	SH	DFND	1 4	15,320	0	0
ANAPTYSBIO INC	COM	032724106	754	21,700	SH	DFND	1 3 4	21,700	0	0
ANAVEX LIFE SCIENCES CORP	COM NEW	032797300	198	11,408	SH	DFND	1 4	11,408	0	0
ANDERSONS INC	COM	034164103	8,418	217,475	SH	DFND	1 3 4	217,475	0	0
ANGIODYNAMICS INC	COM	03475V101	8,166	296,073	SH	DFND	1 3 4	296,073	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	3,586	77,830	SH	DFND	1 3 4	77,830	0	0
ANIKA THERAPEUTICS INC	COM	035255108	3,896	108,732	SH	DFND	1 3 4	108,732	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	274	35,023	SH	DFND	1 3 4	35,023	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	736	94,072	SH	DFND	1 4	94,072	0	0
ANSYS INC	COM	03662Q105	588,321	1,476,027	SH	DFND	1 3 4	1,476,027	0	0
ANSYS INC	COM	03662Q105	2,948	7,350	SH	DFND	1 4	7,350	0	0
ANTARES PHARMA INC	COM	036642106	368	103,172	SH	DFND	1 3 4	103,172	0	0
ANTARES PHARMA INC	COM	036642106	101	28,388	SH	DFND	1 4	28,388	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	16,247	1,678,370	SH	DFND	1 3 4	1,678,370	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	218	22,482	SH	DFND	1 4	22,482	0	0
ANTERO RESOURCES CORP	COM	03674X106	485	27,699	SH	DFND	1 4	27,699	0	0
ANTHEM INC	COM	036752103	129,837	280,098	SH	DFND	1 3 4	280,098	0	0
ANTHEM INC	COM	036752103	3,063	6,607	SH	DFND	1 4	6,607	0	0
AON PLC	SHS CL A	G0403H108	259,027	863,344	SH	DFND	1 3 4	863,344	0	0
AON PLC	SHS CL A	G0403H108	3,432	11,420	SH	DFND	1 4	11,420	0	0
APA CORPORATION	COM	03743Q108	10,960	407,569	SH	DFND	1 3 4	407,569	0	0
APA CORPORATION	COM	03743Q108	656	24,402	SH	DFND	1 4	24,402	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	36,926	675,430	SH	DFND	1 3 4	675,430	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	573	10,479	SH	DFND	1 4	10,479	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	416,310	7,626,971	SH	DFND	2 3 4	7,626,971	0	0
APARTMENT INVT & MGMT CO	CL A	03748R747	100	12,980	SH	DFND	1 4	12,980	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	494	10,453	SH	DFND	1 3 4	10,453	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	575	12,155	SH	DFND	1 4	12,155	0	0
API GROUP CORP	COM STK	00187Y100	451	17,495	SH	DFND	1 4	17,495	0	0



APOGEE ENTERPRISES INC	COM	037598109	9,329	193,749	SH	DFND	1 3 4	193,749	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	161	12,227	SH	DFND	1 4	12,227	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	11,535	876,527	SH	DFND	1 3 4	876,527	0	0
APOLLO GLOBAL MGMT INC	COM CL A	03768E105	416	5,745	SH	DFND	1 3 4	5,745	0	0
APOLLO GLOBAL MGMT INC	COM CL A	03768E105	1,855	25,617	SH	DFND	1 4	25,617	0	0
APOLLO MED HLDGS INC	COM NEW	03763A207	18,483	251,542	SH	DFND	1 3 4	251,542	0	0
APOLLO MED HLDGS INC	COM NEW	03763A207	471	6,411	SH	DFND	1 4	6,411	0	0
APPFOLIO INC	COM CL A	03783C100	392	3,240	SH	DFND	1 4	3,240	0	0
APPHARVEST INC	COM	03783T103	47	12,044	SH	DFND	1 4	12,044	0	0
APPIAN CORP	CL A	03782L101	436	6,690	SH	DFND	1 4	6,690	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	98,499	6,103,457	SH	DFND	2 3 4	6,103,457	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	300	18,590	SH	DFND	1 4	18,590	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	3,745	231,913	SH	DFND	1 3 4	231,913	0	0
APPLE INC	COM	037833100	191,749	1,079,849	SH	DFND	1 4	1,079,849	0	0
APPLE INC	COM	037833100	213	1,198	SH	SOLE		0	0	1,198
APPLE INC	COM	037833100	3,830,488	21,573,953	SH	DFND	1 3 4	21,573,953	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	28,757	280,005	SH	DFND	1 3 4	280,005	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	671	6,534	SH	DFND	1 4	6,534	0	0
APPLIED MATLS INC	COM	038222105	173,140	1,100,277	SH	DFND	1 3 4	1,100,277	0	0
APPLIED MATLS INC	COM	038222105	9,913	62,995	SH	DFND	1 4	62,995	0	0
APRIA INC	COM	03836A101	1,191	36,541	SH	DFND	1 3 4	36,541	0	0
APTARGROUP INC	COM	038336103	26,857	219,276	SH	DFND	1 3 4	219,276	0	0
APTARGROUP INC	COM	038336103	538	4,395	SH	DFND	1 4	4,395	0	0
APTIV PLC	SHS	G6095L109	51,259	310,754	SH	DFND	1 3 4	310,754	0	0
APTIV PLC	SHS	G6095L109	3,329	20,184	SH	DFND	1 4	20,184	0	0
ARAMARK	COM	03852U106	572	15,513	SH	DFND	1 4	15,513	0	0
ARAMARK	COM	03852U106	205	5,570	SH	DFND	1 3 4	5,570	0	0
ARBOR REALTY TRUST INC	COM	038923108	229	12,478	SH	DFND	1 4	12,478	0	0
ARCBEST CORP	COM	03937C105	23,910	199,500	SH	DFND	1 3 4	199,500	0	0
ARCBEST CORP	COM	03937C105	263	2,195	SH	DFND	1 4	2,195	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	280,875	6,367,379	SH	DFND	1 3 4	6,367,379	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	1,282	28,834	SH	DFND	1 4	28,834	0	0
ARCHAEA ENERGY INC	COM CL A	03940F103	245	13,410	SH	DFND	1 3 4	13,410	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	48,947	724,179	SH	DFND	1 3 4	724,179	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	2,532	37,467	SH	DFND	1 4	37,467	0	0
ARCHROCK INC	COM	03957W106	7,590	1,014,764	SH	DFND	1 3 4	1,014,764	0	0
ARCHROCK INC	COM	03957W106	88	11,752	SH	DFND	1 4	11,752	0	0
ARCONIC CORPORATION	COM	03966V107	23,399	708,845	SH	DFND	1 3 4	708,845	0	0
ARCONIC CORPORATION	COM	03966V107	306	9,265	SH	DFND	1 4	9,265	0	0
ARCOSA INC	COM	039653100	20,500	388,998	SH	DFND	1 3 4	388,998	0	0
ARCOSA INC	COM	039653100	223	4,222	SH	DFND	1 4	4,222	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	347	8,580	SH	DFND	1 3 4	8,580	0	0
ARDELYX INC	COM	039697107	14	12,338	SH	DFND	1 3 4	12,338	0	0
ARDELYX INC	COM	039697107	16	14,597	SH	DFND	1 4	14,597	0	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	678	7,291	SH	DFND	1 3 4	7,291	0	0
ARENA PHARMACEUTICALS	COM NEW	040047607	544	5,853	SH	DFND	1 4	5,853	0	0

INC										
ARES COML REAL ESTATE CORP	COM	04013V108	1,699	116,881	SH	DFND	1 3 4	116,881	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	163,980	2,024,893	SH	DFND	1 3 4	2,024,893	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	1,191	14,655	SH	DFND	1 4	14,655	0	0
ARISTA NETWORKS INC	COM	040413106	3,601	25,053	SH	DFND	1 4	25,053	0	0
ARISTA NETWORKS INC	COM	040413106	67,136	467,036	SH	DFND	1 3 4	467,036	0	0
ARKO CORP	COM	041242108	180	20,531	SH	DFND	1 4	20,531	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	5,884	560,910	SH	DFND	1 3 4	560,910	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	151	14,361	SH	DFND	1 4	14,361	0	0
ARMADA HOFFLER PPTYS INC	COM	04208T108	6,236	409,740	SH	DFND	1 3 4	409,740	0	0
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	5,861	597,409	SH	DFND	1 3 4	597,409	0	0
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	490	4,221	SH	DFND	1 4	4,221	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	14,741	939,540	SH	DFND	1 3 4	939,540	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	214	13,609	SH	DFND	1 4	13,609	0	0
ARROW ELECTRS INC	COM	042735100	43,741	325,769	SH	DFND	1 3 4	325,769	0	0
ARROW ELECTRS INC	COM	042735100	626	4,664	SH	DFND	1 4	4,664	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	27,228	410,672	SH	DFND	1 3 4	410,672	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,143	17,236	SH	DFND	1 4	17,236	0	0
ARTESIAN RES CORP	CL A	043113208	265	5,730	SH	DFND	1 3 4	5,730	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	474	9,955	SH	DFND	1 4	9,955	0	0
ARVINAS INC	COM	04335A105	481	5,855	SH	DFND	1 3 4	5,855	0	0
ARVINAS INC	COM	04335A105	658	8,011	SH	DFND	1 4	8,011	0	0
ASANA INC	CL A	04342Y104	867	11,634	SH	DFND	1 4	11,634	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	29,518	170,889	SH	DFND	1 3 4	170,889	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	681	3,940	SH	DFND	1 4	3,940	0	0
ASENSUS SURGICAL INC	COM	04367G103	28	25,586	SH	DFND	1 4	25,586	0	0
ASENSUS SURGICAL INC	COM	04367G103	31	28,046	SH	DFND	1 3 4	28,046	0	0
ASGN INC	COM	00191U102	21,416	173,553	SH	DFND	1 3 4	173,553	0	0
ASGN INC	COM	00191U102	1,013	8,207	SH	DFND	1 4	8,207	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	20,256	188,147	SH	DFND	1 3 4	188,147	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	400	3,714	SH	DFND	1 4	3,714	0	0
ASPEN TECHNOLOGY INC	COM	045327103	49,069	322,396	SH	DFND	1 3 4	322,396	0	0
ASPEN TECHNOLOGY INC	COM	045327103	1,117	7,342	SH	DFND	1 4	7,342	0	0
ASPIRA WOMENS HEALTH INC	COM	04537Y109	22	12,296	SH	DFND	1 4	12,296	0	0
ASSOCIATED BANC CORP	COM	045487105	11,293	499,913	SH	DFND	1 3 4	499,913	0	0
ASSOCIATED BANC CORP	COM	045487105	291	12,893	SH	DFND	1 4	12,893	0	0
ASSURANT INC	COM	04621X108	10,873	69,763	SH	DFND	1 3 4	69,763	0	0
ASSURANT INC	COM	04621X108	596	3,826	SH	DFND	1 4	3,826	0	0
ASSURED GUARANTY LTD	COM	G0585R106	232	4,613	SH	DFND	1 4	4,613	0	0
ASSURED GUARANTY LTD	COM	G0585R106	68,353	1,374,154	SH	DFND	1 3 4	1,374,154	0	0
ASTEC INDS INC	COM	046224101	10,493	151,473	SH	DFND	1 3 4	151,473	0	0
AT&T INC	COM	00206R102	253,681	10,312,228	SH	DFND	1 3 4	10,312,228	0	0

AT&T INC	COM	00206R102	4,735	192,496	SH	DFND	1 4	192,496	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	160	10,146	SH	DFND	1 3 4	10,146	0	0
ATHENE HOLDING LTD	CL A	G0684D107	838	10,060	SH	DFND	1 3 4	10,060	0	0
ATHENE HOLDING LTD	CL A	G0684D107	649	7,793	SH	DFND	1 4	7,793	0	0
ATHENEX INC	COM	04685N103	18	13,085	SH	DFND	1 3 4	13,085	0	0
ATHENEX INC	COM	04685N103	15	11,010	SH	DFND	1 4	11,010	0	0
ATHERSYS INC NEW	COM	04744L106	29	32,535	SH	DFND	1 4	32,535	0	0
ATI PHYSICAL THERAPY INC	COM CL A	00216W109	514	151,719	SH	DFND	1 3 4	151,719	0	0
ATKORE INC	COM	047649108	872	7,843	SH	DFND	1 4	7,843	0	0
ATKORE INC	COM	047649108	34,118	306,845	SH	DFND	1 3 4	306,845	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	244	6,544	SH	DFND	1 4	6,544	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	434	6,083	SH	DFND	1 3 4	6,083	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	36,808	391,068	SH	DFND	1 3 4	391,068	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	236	2,510	SH	DFND	1 4	2,510	0	0
ATLASSIAN CORP PLC	CL A	G06242104	3,713	9,738	SH	DFND	1 4	9,738	0	0
ATMOS ENERGY CORP	COM	049560105	16,730	159,683	SH	DFND	1 3 4	159,683	0	0
ATMOS ENERGY CORP	COM	049560105	913	8,711	SH	DFND	1 4	8,711	0	0
ATN INTL INC	COM	00215F107	2,907	72,776	SH	DFND	1 3 4	72,776	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	24	15,156	SH	DFND	1 3 4	15,156	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	18	11,098	SH	DFND	1 4	11,098	0	0
ATOTECH LTD	COM	G0625A105	23,120	905,967	SH	DFND	1 3 4	905,967	0	0
ATRICURE INC	COM	04963C209	10,741	154,477	SH	DFND	1 3 4	154,477	0	0
ATRICURE INC	COM	04963C209	530	7,618	SH	DFND	1 4	7,618	0	0
ATRION CORP	COM	049904105	873	1,239	SH	DFND	1 3 4	1,239	0	0
AUDACY INC	CL A	05070N103	27	10,466	SH	DFND	1 4	10,466	0	0
AUTODESK INC	COM	052769106	1,080,499	3,840,276	SH	DFND	1 3 4	3,840,276	0	0
AUTODESK INC	COM	052769106	4,328	15,393	SH	DFND	1 4	15,393	0	0
AUTOLIV INC	COM	052800109	10,667	103,148	SH	DFND	1 3 4	103,148	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	129,083	523,495	SH	DFND	1 3 4	523,495	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	6,973	28,279	SH	DFND	1 4	28,279	0	0
AUTONATION INC	COM	05329W102	15,561	133,173	SH	DFND	1 3 4	133,173	0	0
AUTONATION INC	COM	05329W102	325	2,783	SH	DFND	1 4	2,783	0	0
AUTOZONE INC	COM	053332102	3,342	1,594	SH	DFND	1 4	1,594	0	0
AUTOZONE INC	COM	053332102	51,628	24,627	SH	DFND	1 3 4	24,627	0	0
AVALARA INC	COM	05338G106	269	2,087	SH	DFND	1 3 4	2,087	0	0
AVALARA INC	COM	05338G106	1,190	9,216	SH	DFND	1 4	9,216	0	0
AVALO THERAPEUTICS INC	COM	05338F108	18	10,505	SH	DFND	1 4	10,505	0	0
AVALONBAY CMNTYS INC	COM	053484101	63,612	251,839	SH	DFND	1 3 4	251,839	0	0
AVALONBAY CMNTYS INC	COM	053484101	2,369	9,377	SH	DFND	1 4	9,377	0	0
AVALONBAY CMNTYS INC	COM	053484101	1,129,932	4,481,934	SH	DFND	2 3 4	4,481,934	0	0
AVANOS MED INC	COM	05350V106	13,485	388,966	SH	DFND	1 3 4	388,966	0	0
AVANTOR INC	COM	05352A100	36,851	874,487	SH	DFND	1 3 4	874,487	0	0
AVANTOR INC	COM	05352A100	2,752	65,315	SH	DFND	1 4	65,315	0	0
AVAYA HLDGS CORP	COM	05351X101	278	14,036	SH	DFND	1 4	14,036	0	0
AVEANNA HEALTHCARE HLDGS INC	COM	05356F105	17,207	2,325,176	SH	DFND	1 3 4	2,325,176	0	0
VERY DENNISON CORP	COM	053611109	108,661	504,036	SH	DFND	1 3 4	504,036	0	0
VERY DENNISON CORP	COM	053611109	1,596	7,371	SH	DFND	1 4	7,371	0	0
AVIAT NETWORKS INC	COM NEW	05366Y201	640	19,938	SH	DFND	1 3 4	19,938	0	0
AVID BIOSERVICES INC	COM	05368M106	13,508	462,919	SH	DFND	1 3 4	462,919	0	0

AVID BIOSERVICES INC	COM	05368M106	290	9,953	SH	DFND	1 4	9,953	0	0
AVID TECHNOLOGY INC	COM	05367P100	200	6,148	SH	DFND	1 4	6,148	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	8,424	559,341	SH	DFND	1 3 4	559,341	0	0
AVIENT CORPORATION	COM	05368V106	20,631	368,739	SH	DFND	1 3 4	368,739	0	0
AVIENT CORPORATION	COM	05368V106	486	8,679	SH	DFND	1 4	8,679	0	0
AVIS BUDGET GROUP	COM	053774105	27,685	133,507	SH	DFND	1 3 4	133,507	0	0
AVIS BUDGET GROUP	COM	053774105	743	3,584	SH	DFND	1 4	3,584	0	0
AVISTA CORP	COM	05379B107	261	6,138	SH	DFND	1 4	6,138	0	0
AVISTA CORP	COM	05379B107	23,176	545,455	SH	DFND	1 3 4	545,455	0	0
AVNET INC	COM	053807103	20,707	502,235	SH	DFND	1 3 4	502,235	0	0
AVNET INC	COM	053807103	275	6,674	SH	DFND	1 4	6,674	0	0
AXALTA COATING SYS LTD	COM	G0750C108	515	15,556	SH	DFND	1 4	15,556	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	16,536	221,780	SH	DFND	1 3 4	221,780	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	422	5,664	SH	DFND	1 4	5,664	0	0
AXIS CAP HLDGS LTD	SHS	G0692U109	281	5,155	SH	DFND	1 4	5,155	0	0
AXOGEN INC	COM	05463X106	157	16,726	SH	DFND	1 3 4	16,726	0	0
AXON ENTERPRISE INC	COM	05464C101	34,348	218,774	SH	DFND	1 3 4	218,774	0	0
AXON ENTERPRISE INC	COM	05464C101	1,093	6,963	SH	DFND	1 4	6,963	0	0
AXONICS INC	COM	05465P101	3,544	63,288	SH	DFND	1 3 4	63,288	0	0
AXONICS INC	COM	05465P101	436	7,793	SH	DFND	1 4	7,793	0	0
AXOS FINANCIAL INC	COM	05465C100	23,063	412,505	SH	DFND	1 3 4	412,505	0	0
AXOS FINANCIAL INC	COM	05465C100	303	5,428	SH	DFND	1 4	5,428	0	0
AZEK CO INC	CL A	05478C105	6,105	132,025	SH	DFND	1 3 4	132,025	0	0
AZEK CO INC	CL A	05478C105	466	10,088	SH	DFND	1 4	10,088	0	0
AZENTA INC	COM	114340102	26,804	259,952	SH	DFND	1 3 4	259,952	0	0
AZENTA INC	COM	114340102	764	7,412	SH	DFND	1 4	7,412	0	0
AZZ INC	COM	002474104	10,140	183,395	SH	DFND	1 3 4	183,395	0	0
B & G FOODS INC NEW	COM	05508R106	15,697	510,789	SH	DFND	1 3 4	510,789	0	0
B. RILEY FINANCIAL INC	COM	05580M108	15,775	177,521	SH	DFND	1 3 4	177,521	0	0
BABCOCK & WILCOX ENTERPRISES	COM	05614L209	1,127	124,981	SH	DFND	1 3 4	124,981	0	0
BADGER METER INC	COM	056525108	24,818	232,906	SH	DFND	1 3 4	232,906	0	0
BADGER METER INC	COM	056525108	529	4,969	SH	DFND	1 4	4,969	0	0
BAIDU INC	SPON ADR REP A	056752108	655	4,403	SH	DFND	1 3 4	4,403	0	0
BAKER HUGHES COMPANY	CL A	05722G100	24,077	1,000,713	SH	DFND	1 3 4	1,000,713	0	0
BAKER HUGHES COMPANY	CL A	05722G100	1,195	49,666	SH	DFND	1 4	49,666	0	0
BALCHEM CORP	COM	057665200	40,641	241,053	SH	DFND	1 3 4	241,053	0	0
BALCHEM CORP	COM	057665200	925	5,485	SH	DFND	1 4	5,485	0	0
BALL CORP	COM	058498106	62,412	648,304	SH	DFND	1 3 4	648,304	0	0
BALL CORP	COM	058498106	2,436	25,302	SH	DFND	1 4	25,302	0	0
BALLYS CORPORATION	COM	05875B106	211	5,553	SH	DFND	1 4	5,553	0	0
BANC OF CALIFORNIA INC	COM	05990K106	7,067	360,209	SH	DFND	1 3 4	360,209	0	0
BANCFIRST CORP	COM	05945F103	17,415	246,813	SH	DFND	1 3 4	246,813	0	0
BANCORP INC DEL	COM	05969A105	29,734	1,174,815	SH	DFND	1 3 4	1,174,815	0	0
BANDWIDTH INC	COM CL A	05988J103	282	3,928	SH	DFND	1 4	3,928	0	0
BANK HAWAII CORP	COM	062540109	224	2,678	SH	DFND	1 4	2,678	0	0
BANK HAWAII CORP	COM	062540109	11,294	134,837	SH	DFND	1 3 4	134,837	0	0
BANK NEW YORK MELLON CORP	COM	064058100	1,185	20,399	SH	DFND	1 4	20,399	0	0
BANK NEW YORK MELLON CORP	COM	064058100	50,804	874,724	SH	DFND	1 3 4	874,724	0	0
BANK OZK	COM	06417N103	106,938	2,324,273	SH	DFND	1 3 4	2,324,273	0	0
BANK OZK	COM	06417N103	382	8,218	SH	DFND	1 4	8,218	0	0
BANKUNITED INC	COM	06652K103	25,102	593,295	SH	DFND	1 3 4	593,295	0	0
BANKUNITED INC	COM	06652K103	327	7,718	SH	DFND	1 4	7,718	0	0

BANNER CORP	COM NEW	06652V208	13,843	228,161	SH	DFND	1 3 4	228,161	0	0
BARNES & NOBLE ED INC	COM	06777U101	1,639	240,645	SH	DFND	1 3 4	240,645	0	0
BARNES GROUP INC	COM	067806109	16,255	348,901	SH	DFND	1 3 4	348,901	0	0
BATH & BODY WORKS INC	COM	070830104	21,685	310,720	SH	DFND	1 3 4	310,720	0	0
BATH & BODY WORKS INC	COM	070830104	1,559	22,340	SH	DFND	1 4	22,340	0	0
BAXTER INTL INC	COM	071813109	49,387	575,339	SH	DFND	1 3 4	575,339	0	0
BAXTER INTL INC	COM	071813109	1,161	13,524	SH	DFND	1 4	13,524	0	0
BCE INC	COM NEW	05534B760	290,964	5,592,795	SH	DFND	1 3 4	5,592,795	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	478	8,330	SH	DFND	1 4	8,330	0	0
BEAM THERAPEUTICS INC	COM	07373V105	981	12,312	SH	DFND	1 3 4	12,312	0	0
BEAM THERAPEUTICS INC	COM	07373V105	694	8,705	SH	DFND	1 4	8,705	0	0
BECTON DICKINSON & CO	COM	075887109	317,192	1,261,441	SH	DFND	1 3 4	1,261,441	0	0
BECTON DICKINSON & CO	COM	075887109	1,934	7,691	SH	DFND	1 4	7,691	0	0
BED BATH & BEYOND INC	COM	075896100	10,346	709,634	SH	DFND	1 3 4	709,634	0	0
BELDEN INC	COM	077454106	9,831	149,560	SH	DFND	1 3 4	149,560	0	0
BELDEN INC	COM	077454106	253	3,856	SH	DFND	1 4	3,856	0	0
BENCHMARK ELECTRS INC	COM	08160H101	7,425	274,000	SH	DFND	1 3 4	274,000	0	0
BENTLEY SYS INC	COM CL B	08265T208	6,049	125,156	SH	DFND	1 3 4	125,156	0	0
BENTLEY SYS INC	COM CL B	08265T208	714	14,766	SH	DFND	1 4	14,766	0	0
BERKLEY W R CORP	COM	084423102	13,343	161,946	SH	DFND	1 3 4	161,946	0	0
BERKLEY W R CORP	COM	084423102	766	9,299	SH	DFND	1 4	9,299	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	686,158	2,294,845	SH	DFND	1 3 4	2,294,845	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	14,797	49,487	SH	DFND	1 4	49,487	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	9,217	324,207	SH	DFND	1 3 4	324,207	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	671	9,094	SH	DFND	1 4	9,094	0	0
BEST BUY INC	COM	086516101	29,144	286,851	SH	DFND	1 3 4	286,851	0	0
BEST BUY INC	COM	086516101	1,923	18,924	SH	DFND	1 4	18,924	0	0
BEYOND MEAT INC	COM	08862E109	388	5,954	SH	DFND	1 4	5,954	0	0
BGC PARTNERS INC	CL A	05541T101	128	27,426	SH	DFND	1 4	27,426	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	1,458	76,697	SH	DFND	1 3 4	76,697	0	0
BIG LOTS INC	COM	089302103	9,765	216,759	SH	DFND	1 3 4	216,759	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	291	8,229	SH	DFND	1 4	8,229	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	7,646	216,170	SH	DFND	1 3 4	216,170	0	0
BILIBILI INC	SPONS ADS REP Z	090040106	930	20,035	SH	DFND	1 3 4	20,035	0	0
BILL COM HLDGS INC	COM	090043100	4,378	17,570	SH	DFND	1 3 4	17,570	0	0
BILL COM HLDGS INC	COM	090043100	2,481	9,958	SH	DFND	1 4	9,958	0	0
BIO RAD LABS INC	CL A	090572207	40,686	53,847	SH	DFND	1 3 4	53,847	0	0
BIO RAD LABS INC	CL A	090572207	1,083	1,433	SH	DFND	1 4	1,433	0	0
BIOCRYS T PHARMACEUTICALS INC	COM	09058V103	297	21,413	SH	DFND	1 3 4	21,413	0	0
BIOCRYS T PHARMACEUTICALS INC	COM	09058V103	237	17,088	SH	DFND	1 4	17,088	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	49	15,741	SH	DFND	1 4	15,741	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	251	81,055	SH	DFND	1 3 4	81,055	0	0
BIOGEN INC	COM	09062X103	946	3,944	SH	DFND	1 4	3,944	0	0
BIOGEN INC	COM	09062X103	40,455	168,618	SH	DFND	1 3 4	168,618	0	0

BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	3,203	23,242	SH	DFND	1 3 4	23,242	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	1,096	7,952	SH	DFND	1 4	7,952	0	0
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	7,453	199,981	SH	DFND	1 3 4	199,981	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	2,339	26,479	SH	DFND	1 3 4	26,479	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,085	12,286	SH	DFND	1 4	12,286	0	0
BIONANO GENOMICS INC	COM	09075F107	2,597	868,646	SH	DFND	1 3 4	868,646	0	0
BIONANO GENOMICS INC	COM	09075F107	148	49,616	SH	DFND	1 4	49,616	0	0
BIO-TECHNE CORP	COM	09073M104	62,046	119,931	SH	DFND	1 3 4	119,931	0	0
BIO-TECHNE CORP	COM	09073M104	2,194	4,241	SH	DFND	1 4	4,241	0	0
BJS RESTAURANTS INC	COM	09180C106	5,357	155,059	SH	DFND	1 3 4	155,059	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	69,544	1,038,440	SH	DFND	1 3 4	1,038,440	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	1,369	20,435	SH	DFND	1 4	20,435	0	0
BK OF AMERICA CORP	COM	060505104	505,767	11,369,075	SH	DFND	1 3 4	11,369,075	0	0
BK OF AMERICA CORP	COM	060505104	8,645	194,309	SH	DFND	1 4	194,309	0	0
BLACK HILLS CORP	COM	092113109	15,003	212,591	SH	DFND	1 3 4	212,591	0	0
BLACK HILLS CORP	COM	092113109	392	5,549	SH	DFND	1 4	5,549	0	0
BLACK KNIGHT INC	COM	09215C105	742,148	9,000,092	SH	DFND	1 3 4	9,000,092	0	0
BLACK KNIGHT INC	COM	09215C105	848	10,234	SH	DFND	1 4	10,234	0	0
BLACKBAUD INC	COM	09227Q100	14,961	189,423	SH	DFND	1 3 4	189,423	0	0
BLACKBAUD INC	COM	09227Q100	643	8,147	SH	DFND	1 4	8,147	0	0
BLACKLINE INC	COM	09239B109	955	9,221	SH	DFND	1 4	9,221	0	0
BLACKROCK INC	COM	09247X101	521,631	569,968	SH	DFND	1 3 4	569,968	0	0
BLACKROCK INC	COM	09247X101	3,530	3,856	SH	DFND	1 4	3,856	0	0
BLACKSTONE INC	COM	09260D107	9,830	75,968	SH	DFND	1 3 4	75,968	0	0
BLACKSTONE INC	COM	09260D107	6,145	47,494	SH	DFND	1 4	47,494	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	1,571	51,320	SH	DFND	1 3 4	51,320	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	418	13,640	SH	DFND	1 4	13,640	0	0
BLOCK H & R INC	COM	093671105	20,311	862,090	SH	DFND	1 3 4	862,090	0	0
BLOCK H & R INC	COM	093671105	422	17,903	SH	DFND	1 4	17,903	0	0
BLOCK INC	CL A	852234103	140,467	852,658	SH	DFND	1 3 4	852,658	0	0
BLOCK INC	CL A	852234103	4,460	27,613	SH	DFND	1 4	27,613	0	0
BLOOM ENERGY CORP	COM CL A	093712107	909	41,472	SH	DFND	1 3 4	41,472	0	0
BLOOM ENERGY CORP	COM CL A	093712107	530	24,190	SH	DFND	1 4	24,190	0	0
BLOOMIN BRANDS INC	COM	094235108	32,430	1,545,719	SH	DFND	1 3 4	1,545,719	0	0
BLOOMIN BRANDS INC	COM	094235108	316	15,066	SH	DFND	1 4	15,066	0	0
BLUCORA INC	COM	095229100	5,620	324,468	SH	DFND	1 3 4	324,468	0	0
BLUEBIRD BIO INC	COM	09609G100	2,072	207,382	SH	DFND	1 3 4	207,382	0	0
BLUELINX HLDGS INC	COM NEW	09624H208	1,686	17,603	SH	DFND	1 3 4	17,603	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	754	7,039	SH	DFND	1 3 4	7,039	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,033	9,641	SH	DFND	1 4	9,641	0	0
BOEING CO	COM	097023105	127,494	633,292	SH	DFND	1 3 4	633,292	0	0
BOEING CO	COM	097023105	2,908	14,447	SH	DFND	1 4	14,447	0	0
BOISE CASCADE CO DEL	COM	09739D100	22,418	314,862	SH	DFND	1 3 4	314,862	0	0
BOISE CASCADE CO DEL	COM	09739D100	294	4,132	SH	DFND	1 4	4,132	0	0
BOK FINL CORP	COM NEW	05561Q201	221	2,095	SH	DFND	1 4	2,095	0	0
BOOKING HOLDINGS INC	COM	09857L108	6,862	2,860	SH	DFND	1 4	2,860	0	0
BOOKING HOLDINGS INC	COM	09857L108	112,936	47,072	SH	DFND	1 3 4	47,072	0	0
BOOT BARN HLDGS INC	COM	099406100	612	4,977	SH	DFND	1 4	4,977	0	0
BOOT BARN HLDGS INC	COM	099406100	36,479	296,459	SH	DFND	1 3 4	296,459	0	0

BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	3,977	46,907	SH	DFND	1 3 4	46,907	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	1,222	14,415	SH	DFND	1 4	14,415	0	0
BORGWARNER INC	COM	099724106	12,387	274,837	SH	DFND	1 3 4	274,837	0	0
BORGWARNER INC	COM	099724106	727	16,135	SH	DFND	1 4	16,135	0	0
BOSTON BEER INC	CL A	100557107	15,795	31,272	SH	DFND	1 3 4	31,272	0	0
BOSTON BEER INC	CL A	100557107	506	1,001	SH	DFND	1 4	1,001	0	0
BOSTON PROPERTIES INC	COM	101121101	18,830	163,481	SH	DFND	1 3 4	163,481	0	0
BOSTON PROPERTIES INC	COM	101121101	1,214	10,543	SH	DFND	1 4	10,543	0	0
BOSTON PROPERTIES INC	COM	101121101	6,801	59,064	SH	DFND	2 3 4	59,064	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	69,522	1,636,593	SH	DFND	1 3 4	1,636,593	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	1,622	38,174	SH	DFND	1 4	38,174	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	256	4,542	SH	DFND	1 4	4,542	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	14,545	257,562	SH	DFND	1 3 4	257,562	0	0
BOX INC	CL A	10316T104	622	23,739	SH	DFND	1 4	23,739	0	0
BOYD GAMING CORP	COM	103304101	17,913	273,191	SH	DFND	1 3 4	273,191	0	0
BOYD GAMING CORP	COM	103304101	412	6,277	SH	DFND	1 4	6,277	0	0
BRADY CORP	CL A	104674106	17,424	323,262	SH	DFND	1 3 4	323,262	0	0
BRADY CORP	CL A	104674106	222	4,111	SH	DFND	1 4	4,111	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	23,359	1,740,569	SH	DFND	1 3 4	1,740,569	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	198	14,788	SH	DFND	1 4	14,788	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	64,974	4,841,614	SH	DFND	2 3 4	4,841,614	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	304	18,225	SH	DFND	1 3 4	18,225	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	252	15,133	SH	DFND	1 4	15,133	0	0
BRIGHAM MINERALS INC	CL A COM	10918L103	793	37,607	SH	DFND	1 3 4	37,607	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	116	33,700	SH	DFND	1 3 4	33,700	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	133,144	1,052,915	SH	DFND	1 3 4	1,052,915	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	762	6,053	SH	DFND	1 4	6,053	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	13,773	265,887	SH	DFND	1 3 4	265,887	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	281	5,431	SH	DFND	1 4	5,431	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	11,259	439,809	SH	DFND	1 3 4	439,809	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	253	9,864	SH	DFND	1 4	9,864	0	0
BRINKER INTL INC	COM	109641100	17,519	478,782	SH	DFND	1 3 4	478,782	0	0
BRINKER INTL INC	COM	109641100	283	7,727	SH	DFND	1 4	7,727	0	0
BRINKS CO	COM	109696104	14,203	216,607	SH	DFND	1 3 4	216,607	0	0
BRINKS CO	COM	109696104	536	8,177	SH	DFND	1 4	8,177	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	3,758	60,266	SH	DFND	1 4	60,266	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	179,610	2,880,680	SH	DFND	1 3 4	2,880,680	0	0
BRISTOW GROUP INC	COM	11040G103	16,856	532,232	SH	DFND	1 3 4	532,232	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	25,138	989,295	SH	DFND	1 3 4	989,295	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	511	20,122	SH	DFND	1 4	20,122	0	0
BROADCOM INC	COM	11135F101	436,739	656,346	SH	DFND	1 3 4	656,346	0	0
BROADCOM INC	COM	11135F101	18,576	27,917	SH	DFND	1 4	27,917	0	0
BROADMARK RLTY CAP INC	COM	11135B100	106	11,193	SH	DFND	1 4	11,193	0	0

BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	25,868	141,496	SH	DFND	1 3 4	141,496	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	2,212	12,098	SH	DFND	1 4	12,098	0	0
BROADSTONE NET LEASE INC	COM	11135E203	11,373	458,241	SH	DFND	1 3 4	458,241	0	0
BROADSTONE NET LEASE INC	COM	11135E203	281,062	11,324,104	SH	DFND	2 3 4	11,324,104	0	0
BROADSTONE NET LEASE INC	COM	11135E203	339	13,646	SH	DFND	1 4	13,646	0	0
BROOKDALE SR LIVING INC	COM	112463104	1,445	279,969	SH	DFND	1 3 4	279,969	0	0
BROOKDALE SR LIVING INC	COM	112463104	83	16,127	SH	DFND	1 4	16,127	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	2,310,691	38,487,044	SH	DFND	1 3 4	38,487,044	0	0
BROOKFIELD ASSET MGMT REINS	CL A EXCH LT VTG	G16169107	17,009	271,591	SH	DFND	1 3 4	271,591	0	0
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	562,696	9,253,402	SH	DFND	1 3 4	9,253,402	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	79,916	1,215,760	SH	DFND	1 3 4	1,215,760	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	366	5,355	SH	DFND	1 4	5,355	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	42,384	1,141,933	SH	DFND	1 3 4	1,141,933	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	368	9,997	SH	DFND	1 4	9,997	0	0
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	148,876	4,159,745	SH	DFND	1 3 4	4,159,745	0	0
BROOKLINE BANCORP INC DEL	COM	11373M107	8,384	517,866	SH	DFND	1 3 4	517,866	0	0
BROWN & BROWN INC	COM	115236101	1,154	16,419	SH	DFND	1 4	16,419	0	0
BROWN & BROWN INC	COM	115236101	565,387	8,114,572	SH	DFND	1 3 4	8,114,572	0	0
BROWN FORMAN CORP	CL A	115637100	277	4,093	SH	DFND	1 4	4,093	0	0
BROWN FORMAN CORP	CL B	115637209	87,795	1,209,503	SH	DFND	1 3 4	1,209,503	0	0
BROWN FORMAN CORP	CL B	115637209	1,172	16,084	SH	DFND	1 4	16,084	0	0
BRP GROUP INC	COM CL A	05589G102	4,208	116,521	SH	DFND	1 3 4	116,521	0	0
BRP GROUP INC	COM CL A	05589G102	292	8,081	SH	DFND	1 4	8,081	0	0
BRUKER CORP	COM	116794108	28,401	338,467	SH	DFND	1 3 4	338,467	0	0
BRUKER CORP	COM	116794108	930	11,085	SH	DFND	1 4	11,085	0	0
BRUNSWICK CORP	COM	117043109	567	5,632	SH	DFND	1 4	5,632	0	0
BRUNSWICK CORP	COM	117043109	117,273	1,172,616	SH	DFND	1 3 4	1,172,616	0	0
BTRS HOLDINGS INC	COM CL 1	11778X104	87	11,172	SH	DFND	1 4	11,172	0	0
BUCKLE INC	COM	118440106	10,412	246,089	SH	DFND	1 3 4	246,089	0	0
BUCKLE INC	COM	118440106	208	4,913	SH	DFND	1 4	4,913	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	82,068	957,510	SH	DFND	1 3 4	957,510	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,093	12,752	SH	DFND	1 4	12,752	0	0
BUNGE LIMITED	COM	G16962105	5,763	61,730	SH	DFND	1 3 4	61,730	0	0
BUNGE LIMITED	COM	G16962105	864	9,253	SH	DFND	1 4	9,253	0	0
BURLINGTON STORES INC	COM	122017106	473	1,621	SH	DFND	1 3 4	1,621	0	0
BURLINGTON STORES INC	COM	122017106	2,052	7,039	SH	DFND	1 4	7,039	0	0
BUTTERFLY NETWORK INC	COM CL A	124155102	134	20,052	SH	DFND	1 3 4	20,052	0	0
BUTTERFLY NETWORK INC	COM CL A	124155102	142	21,234	SH	DFND	1 4	21,234	0	0
BWX TECHNOLOGIES INC	COM	05605H100	438	9,142	SH	DFND	1 4	9,142	0	0
BYLINE BANCORP INC	COM	124411109	1,185	43,341	SH	DFND	1 3 4	43,341	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	1,067	9,918	SH	DFND	1 4	9,918	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	16,141	149,967	SH	DFND	1 3 4	149,967	0	0
C4 THERAPEUTICS INC	COM STK	12529R107	212	6,570	SH	DFND	1 4	6,570	0	0



CABLE ONE INC	COM	12685J105	192,661	109,082	SH	DFND	1 3 4	109,082	0	0
CABLE ONE INC	COM	12685J105	834	473	SH	DFND	1 4	473	0	0
CABOT CORP	COM	127055101	13,872	246,831	SH	DFND	1 3 4	246,831	0	0
CABOT CORP	COM	127055101	536	9,544	SH	DFND	1 4	9,544	0	0
CACI INTL INC	CL A	127190304	20,920	77,708	SH	DFND	1 3 4	77,708	0	0
CACI INTL INC	CL A	127190304	421	1,564	SH	DFND	1 4	1,564	0	0
CACTUS INC	CL A	127203107	1,796	47,102	SH	DFND	1 3 4	47,102	0	0
CACTUS INC	CL A	127203107	359	9,422	SH	DFND	1 4	9,422	0	0
CADENCE BANK	COM	12740C103	19,460	653,252	SH	DFND	1 3 4	653,252	0	0
CADENCE BANK	COM	12740C103	561	18,848	SH	DFND	1 4	18,848	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	67,805	363,858	SH	DFND	1 3 4	363,858	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	5,557	29,818	SH	DFND	1 4	29,818	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	76,968	822,917	SH	DFND	1 3 4	822,917	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	1,763	18,854	SH	DFND	1 4	18,854	0	0
CAL MAINE FOODS INC	COM NEW	128030202	9,225	249,394	SH	DFND	1 3 4	249,394	0	0
CALAMP CORP	COM	128126109	1,686	238,751	SH	DFND	1 3 4	238,751	0	0
CALAVO GROWERS INC	COM	128246105	4,996	117,822	SH	DFND	1 3 4	117,822	0	0
CALERES INC	COM	129500104	32,628	1,438,625	SH	DFND	1 3 4	1,438,625	0	0
CALIFORNIA RES CORP	COM STOCK	13057Q305	3,948	92,426	SH	DFND	1 3 4	92,426	0	0
CALIFORNIA RES CORP	COM STOCK	13057Q305	300	7,034	SH	DFND	1 4	7,034	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	30,149	419,550	SH	DFND	1 3 4	419,550	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	328	4,558	SH	DFND	1 4	4,558	0	0
CALIX INC	COM	13100M509	688	8,601	SH	DFND	1 4	8,601	0	0
CALIX INC	COM	13100M509	6,635	82,974	SH	DFND	1 3 4	82,974	0	0
CALLAWAY GOLF CO	COM	131193104	10,712	390,365	SH	DFND	1 3 4	390,365	0	0
CALLAWAY GOLF CO	COM	131193104	275	10,035	SH	DFND	1 4	10,035	0	0
CALLON PETE CO DEL	COM	13123X508	20,207	427,655	SH	DFND	1 3 4	427,655	0	0
CALLON PETE CO DEL	COM	13123X508	357	7,553	SH	DFND	1 4	7,553	0	0
CAMBIUM NETWORKS CORP	SHS	G17766109	659	25,705	SH	DFND	1 3 4	25,705	0	0
CAMDEN NATL CORP	COM	133034108	607	12,600	SH	DFND	1 3 4	12,600	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	34,873	195,200	SH	DFND	2 3 4	195,200	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	98,049	554,280	SH	DFND	1 3 4	554,280	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	1,189	6,653	SH	DFND	1 4	6,653	0	0
CAMPBELL SOUP CO	COM	134429109	571	13,142	SH	DFND	1 4	13,142	0	0
CAMPBELL SOUP CO	COM	134429109	10,374	238,693	SH	DFND	1 3 4	238,693	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	5,263	130,261	SH	DFND	1 3 4	130,261	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	287	7,101	SH	DFND	1 4	7,101	0	0
CANNAE HLDGS INC	COM	13765N107	260	7,386	SH	DFND	1 4	7,386	0	0
CANO HEALTH INC	COM CL A	13781Y103	185	20,722	SH	DFND	1 3 4	20,722	0	0
CANOO INC	COM CL A	13803R102	103	13,284	SH	DFND	1 4	13,284	0	0
CAPITAL ONE FINL CORP	COM	14040H105	71,083	489,921	SH	DFND	1 3 4	489,921	0	0
CAPITAL ONE FINL CORP	COM	14040H105	1,654	11,398	SH	DFND	1 4	11,398	0	0
CAPITOL FED FINL INC	COM	14057J101	9,748	860,368	SH	DFND	1 3 4	860,368	0	0
CAPITOL FED FINL INC	COM	14057J101	128	11,324	SH	DFND	1 4	11,324	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	32,575	501,842	SH	DFND	1 3 4	501,842	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	645	9,943	SH	DFND	1 4	9,943	0	0
CARA THERAPEUTICS INC	COM	140755109	5,038	413,618	SH	DFND	1 3 4	413,618	0	0
CARDIFF ONCOLOGY INC	COM	14147L108	483	80,307	SH	DFND	1 3 4	80,307	0	0
CARDINAL HEALTH INC	COM	14149Y108	17,859	346,842	SH	DFND	1 3 4	346,842	0	0

CARDINAL HEALTH INC	COM	14149Y108	1,336	25,953	SH	DFND	1 4	25,953	0	0
CARDIOVASCULAR SYS INC DEL	COM	141619106	5,162	274,866	SH	DFND	1 3 4	274,866	0	0
CARDLYTICS INC	COM	14161W105	364	5,503	SH	DFND	1 4	5,503	0	0
CAREDX INC	COM	14167L103	287	6,304	SH	DFND	1 3 4	6,304	0	0
CAREDX INC	COM	14167L103	391	8,603	SH	DFND	1 4	8,603	0	0
CARETRUST REIT INC	COM	14174T107	19,225	842,074	SH	DFND	1 3 4	842,074	0	0
CARGURUS INC	COM CL A	141788109	4,565	135,715	SH	DFND	1 3 4	135,715	0	0
CARGURUS INC	COM CL A	141788109	546	16,236	SH	DFND	1 4	16,236	0	0
CARLISLE COS INC	COM	142339100	43,789	176,482	SH	DFND	1 3 4	176,482	0	0
CARLISLE COS INC	COM	142339100	1,074	4,329	SH	DFND	1 4	4,329	0	0
CARLYLE GROUP INC	COM	14316J108	212	3,869	SH	DFND	1 3 4	3,869	0	0
CARLYLE GROUP INC	COM	14316J108	600	10,931	SH	DFND	1 4	10,931	0	0
CARMAX INC	COM	143130102	1,171,754	9,004,281	SH	DFND	1 3 4	9,004,281	0	0
CARMAX INC	COM	143130102	1,513	11,618	SH	DFND	1 4	11,618	0	0
CARNIVAL CORP	COMMON STOCK	143658300	18,230	906,052	SH	DFND	1 3 4	906,052	0	0
CARNIVAL CORP	COMMON STOCK	143658300	1,155	57,392	SH	DFND	1 4	57,392	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	9,365	320,812	SH	DFND	1 3 4	320,812	0	0
CARRIAGE SVCS INC	COM	143905107	1,072	16,631	SH	DFND	1 3 4	16,631	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	54,099	997,408	SH	DFND	1 3 4	997,408	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	4,086	75,332	SH	DFND	1 4	75,332	0	0
CARS COM INC	COM	14575E105	6,954	432,202	SH	DFND	1 3 4	432,202	0	0
CARTERS INC	COM	146229109	14,485	143,104	SH	DFND	1 3 4	143,104	0	0
CARTERS INC	COM	146229109	286	2,829	SH	DFND	1 4	2,829	0	0
CARVANA CO	CL A	146869102	1,312	5,661	SH	DFND	1 3 4	5,661	0	0
CARVANA CO	CL A	146869102	1,963	8,468	SH	DFND	1 4	8,468	0	0
CASA SYS INC	COM	14713L102	219	38,566	SH	DFND	1 3 4	38,566	0	0
CASELLA WASTE SYS INC	CL A	147448104	2,275	26,629	SH	DFND	1 3 4	26,629	0	0
CASELLA WASTE SYS INC	CL A	147448104	688	8,054	SH	DFND	1 4	8,054	0	0
CASEYS GEN STORES INC	COM	147528103	24,390	123,590	SH	DFND	1 3 4	123,590	0	0
CASEYS GEN STORES INC	COM	147528103	491	2,490	SH	DFND	1 4	2,490	0	0
CASS INFORMATION SYS INC	COM	14808P109	344	8,748	SH	DFND	1 3 4	8,748	0	0
CASSAVA SCIENCES INC	COM	14817C107	284	6,506	SH	DFND	1 4	6,506	0	0
CASSAVA SCIENCES INC	COM	14817C107	6,076	139,032	SH	DFND	1 3 4	139,032	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	7,831	182,667	SH	DFND	1 3 4	182,667	0	0
CASTLIGHT HEALTH INC	CL B	14862Q100	182	118,117	SH	DFND	1 3 4	118,117	0	0
CASTLIGHT HEALTH INC	CL B	14862Q100	17	11,120	SH	DFND	1 4	11,120	0	0
CATALENT INC	COM	148806102	25,267	197,354	SH	DFND	1 3 4	197,354	0	0
CATALENT INC	COM	148806102	1,676	13,089	SH	DFND	1 4	13,089	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	803	118,680	SH	DFND	1 3 4	118,680	0	0
CATERPILLAR INC	COM	149123101	209,965	1,015,848	SH	DFND	1 3 4	1,015,848	0	0
CATERPILLAR INC	COM	149123101	7,165	34,657	SH	DFND	1 4	34,657	0	0
CATHAY GEN BANCORP	COM	149150104	59,195	1,384,480	SH	DFND	1 3 4	1,384,480	0	0
CATHAY GEN BANCORP	COM	149150104	276	6,429	SH	DFND	1 4	6,429	0	0
CATO CORP NEW	CL A	149205106	2,407	140,265	SH	DFND	1 3 4	140,265	0	0
CAVCO INDS INC DEL	COM	149568107	18,060	56,856	SH	DFND	1 3 4	56,856	0	0
CAVCO INDS INC DEL	COM	149568107	428	1,347	SH	DFND	1 4	1,347	0	0
CAZOO GROUP LTD	COM	G2007L105	3,851	638,600	SH	DFND	1 3 4	638,600	0	0
CAZOO GROUP LTD	*W EXP 08/26/202	G2007L113	180	200,001	SH	DFND	1 3 4	200,001	0	0
CBIZ INC	COM	124805102	1,672	42,734	SH	DFND	1 3 4	42,734	0	0

CBOE GLOBAL MKTS INC	COM	12503M108	18,932	145,183	SH	DFND	1 3 4	145,183	0	0
CBOE GLOBAL MKTS INC	COM	12503M108	934	7,161	SH	DFND	1 4	7,161	0	0
CBRE GROUP INC	CL A	12504L109	577,315	5,342,569	SH	DFND	1 3 4	5,342,569	0	0
CBRE GROUP INC	CL A	12504L109	2,525	23,269	SH	DFND	1 4	23,269	0	0
CBRE GROUP INC	CL A	12504L109	3,232	29,782	SH	DFND	2 3 4	29,782	0	0
CDK GLOBAL INC	COM	12508E101	16,453	394,187	SH	DFND	1 3 4	394,187	0	0
CDK GLOBAL INC	COM	12508E101	375	8,982	SH	DFND	1 4	8,982	0	0
CDW CORP	COM	12514G108	3,010	14,701	SH	DFND	1 4	14,701	0	0
CDW CORP	COM	12514G108	47,846	233,647	SH	DFND	1 3 4	233,647	0	0
CELANESE CORP DEL	COM	150870103	1,521	9,049	SH	DFND	1 4	9,049	0	0
CELANESE CORP DEL	COM	150870103	21,686	129,037	SH	DFND	1 3 4	129,037	0	0
CELLDEX THERAPEUTICS INC NEW	COM NEW	15117B202	1,955	50,600	SH	DFND	1 3 4	50,600	0	0
CELLDEX THERAPEUTICS INC NEW	COM NEW	15117B202	271	7,003	SH	DFND	1 4	7,003	0	0
CELLECTIS S A	SPON ADS	15117K103	9,952	1,225,553	SH	DFND	1 3 4	1,225,553	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	18,939	253,982	SH	DFND	1 3 4	253,982	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	684	9,171	SH	DFND	1 4	9,171	0	0
CENTENE CORP DEL	COM	15135B101	59,213	718,599	SH	DFND	1 3 4	718,599	0	0
CENTENE CORP DEL	COM	15135B101	1,282	15,560	SH	DFND	1 4	15,560	0	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	106	17,754	SH	DFND	1 4	17,754	0	0
CENTERPOINT ENERGY INC	COM	15189T107	1,115	39,945	SH	DFND	1 4	39,945	0	0
CENTERPOINT ENERGY INC	COM	15189T107	21,248	761,307	SH	DFND	1 3 4	761,307	0	0
CENTERSPACE	COM	15202L107	10,554	95,163	SH	DFND	1 3 4	95,163	0	0
CENTRAL GARDEN & PET CO	COM	153527106	3,425	65,078	SH	DFND	1 3 4	65,078	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	45,657	954,157	SH	DFND	1 3 4	954,157	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	230	4,814	SH	DFND	1 4	4,814	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	5,253	186,464	SH	DFND	1 3 4	186,464	0	0
CENTRUS ENERGY CORP	CL A	15643U104	263	5,267	SH	DFND	1 3 4	5,267	0	0
CENTURY ALUM CO	COM	156431108	5,561	335,831	SH	DFND	1 3 4	335,831	0	0
CENTURY CMNTYS INC	COM	156504300	19,220	234,998	SH	DFND	1 3 4	234,998	0	0
CENTURY CMNTYS INC	COM	156504300	346	4,226	SH	DFND	1 4	4,226	0	0
CERENCE INC	COM	156727109	14,493	189,107	SH	DFND	1 3 4	189,107	0	0
CERENCE INC	COM	156727109	493	6,436	SH	DFND	1 4	6,436	0	0
CEREVEL THERAPEUTICS HLDNG I	COM	15678U128	564	17,406	SH	DFND	1 3 4	17,406	0	0
CEREVEL THERAPEUTICS HLDNG I	COM	15678U128	224	6,920	SH	DFND	1 4	6,920	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	16,692	159,795	SH	DFND	1 3 4	159,795	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	915	8,757	SH	DFND	1 4	8,757	0	0
CERNER CORP	COM	156782104	32,877	354,015	SH	DFND	1 3 4	354,015	0	0
CERNER CORP	COM	156782104	1,848	19,903	SH	DFND	1 4	19,903	0	0
CERTARA INC	COM	15687V109	521	18,324	SH	DFND	1 3 4	18,324	0	0
CERTARA INC	COM	15687V109	271	9,537	SH	DFND	1 4	9,537	0	0
CERUS CORP	COM	157085101	140	20,545	SH	DFND	1 3 4	20,545	0	0
CERUS CORP	COM	157085101	195	28,603	SH	DFND	1 4	28,603	0	0
CEVA INC	COM	157210105	6,610	152,863	SH	DFND	1 3 4	152,863	0	0
CF INDS HLDGS INC	COM	125269100	1,022	14,436	SH	DFND	1 4	14,436	0	0
CF INDS HLDGS INC	COM	125269100	26,220	370,448	SH	DFND	1 3 4	370,448	0	0
CHAMPIONX CORPORATION	COM	15872M104	61,714	3,053,607	SH	DFND	1 3 4	3,053,607	0	0

CHAMPIONX CORPORATION	COM	15872M104	418	20,665	SH	DFND	1 4	20,665	0	0
CHANGE HEALTHCARE INC	COM	15912K100	355	16,616	SH	DFND	1 4	16,616	0	0
CHANNELADVISOR CORP	COM	159179100	620	25,103	SH	DFND	1 3 4	25,103	0	0
CHARGEPOINT HOLDINGS INC	COM CL A	15961R105	287	15,063	SH	DFND	1 4	15,063	0	0
CHARLES RIV LABS INTL INC	COM	159864107	22,698	60,242	SH	DFND	1 3 4	60,242	0	0
CHARLES RIV LABS INTL INC	COM	159864107	1,989	5,278	SH	DFND	1 4	5,278	0	0
CHART INDS INC	COM	16115Q308	62,228	390,168	SH	DFND	1 3 4	390,168	0	0
CHART INDS INC	COM	16115Q308	798	5,004	SH	DFND	1 4	5,004	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	422,545	644,193	SH	DFND	1 3 4	644,193	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	5,518	8,463	SH	DFND	1 4	8,463	0	0
CHATHAM LODGING TR	COM	16208T102	4,452	324,491	SH	DFND	1 3 4	324,491	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	1,390	11,923	SH	DFND	1 3 4	11,923	0	0
CHEESECAKE FACTORY INC	COM	163072101	12,638	322,821	SH	DFND	1 3 4	322,821	0	0
CHEESECAKE FACTORY INC	COM	163072101	307	7,836	SH	DFND	1 4	7,836	0	0
CHEFS WHSE INC	COM	163086101	7,224	216,943	SH	DFND	1 3 4	216,943	0	0
CHEGG INC	COM	163092109	429	13,968	SH	DFND	1 4	13,968	0	0
CHEMED CORP NEW	COM	16359R103	28,906	54,639	SH	DFND	1 3 4	54,639	0	0
CHEMED CORP NEW	COM	16359R103	640	1,209	SH	DFND	1 4	1,209	0	0
CHEMOCENTRYX INC	COM	16383L106	10,556	289,902	SH	DFND	1 3 4	289,902	0	0
CHEMOURS CO	COM	163851108	18,235	543,352	SH	DFND	1 3 4	543,352	0	0
CHEMOURS CO	COM	163851108	496	14,792	SH	DFND	1 4	14,792	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	2,577	25,413	SH	DFND	1 4	25,413	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	593	5,843	SH	DFND	1 3 4	5,843	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	621	9,620	SH	DFND	1 4	9,620	0	0
CHESAPEAKE UTILS CORP	COM	165303108	219	1,502	SH	DFND	1 4	1,502	0	0
CHESAPEAKE UTILS CORP	COM	165303108	18,172	124,627	SH	DFND	1 3 4	124,627	0	0
CHEVRON CORP NEW	COM	166764100	523,530	4,462,912	SH	DFND	1 3 4	4,462,912	0	0
CHEVRON CORP NEW	COM	166764100	6,125	52,195	SH	DFND	1 4	52,195	0	0
CHEWY INC	CL A	16679L109	514	8,717	SH	DFND	1 3 4	8,717	0	0
CHICOS FAS INC	COM	168615102	4,389	815,752	SH	DFND	1 3 4	815,752	0	0
CHICOS FAS INC	COM	168615102	68	12,646	SH	DFND	1 4	12,646	0	0
CHILDRENS PL INC NEW	COM	168905107	7,388	93,177	SH	DFND	1 3 4	93,177	0	0
CHIMERA INVT CORP	COM NEW	16934Q208	308	20,430	SH	DFND	1 4	20,430	0	0
CHIMERIX INC	COM	16934W106	69	10,778	SH	DFND	1 4	10,778	0	0
CHIMERIX INC	COM	16934W106	66	10,325	SH	DFND	1 3 4	10,325	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	5,315	3,040	SH	DFND	1 4	3,040	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	73,217	41,880	SH	DFND	1 3 4	41,880	0	0
CHOICE HOTELS INTL INC	COM	169905106	18,473	118,424	SH	DFND	1 3 4	118,424	0	0
CHOICE HOTELS INTL INC	COM	169905106	588	3,772	SH	DFND	1 4	3,772	0	0
CHOICE HOTELS INTL INC	COM	169905106	80,595	518,175	SH	DFND	2 3 4	518,175	0	0
CHUBB LIMITED	COM	H1467J104	301,599	1,560,979	SH	DFND	1 3 4	1,560,979	0	0
CHUBB LIMITED	COM	H1467J104	2,236	11,566	SH	DFND	1 4	11,566	0	0
CHURCH & DWIGHT CO INC	COM	171340102	64,952	633,678	SH	DFND	1 3 4	633,678	0	0
CHURCH & DWIGHT CO INC	COM	171340102	1,752	17,095	SH	DFND	1 4	17,095	0	0

CHURCHILL DOWNS INC	COM	171484108	36,516	151,583	SH	DFND	1 3 4	151,583	0	0
CHURCHILL DOWNS INC	COM	171484108	960	3,986	SH	DFND	1 4	3,986	0	0
CHUYS HLDGS INC	COM	171604101	3,973	131,906	SH	DFND	1 3 4	131,906	0	0
CI&T INC	COM CL A	G21307106	983	82,700	SH	DFND	1 3 4	82,700	0	0
CIENA CORP	COM NEW	171779309	799	10,375	SH	DFND	1 4	10,375	0	0
CIENA CORP	COM NEW	171779309	39,723	516,082	SH	DFND	1 3 4	516,082	0	0
CIGNA CORP NEW	COM	125523100	91,025	396,397	SH	DFND	1 3 4	396,397	0	0
CIGNA CORP NEW	COM	125523100	2,016	8,779	SH	DFND	1 4	8,779	0	0
CIMPRESS PLC	SHS EURO	G2143T103	214	2,990	SH	DFND	1 4	2,990	0	0
CINCINNATI FINL CORP	COM	172062101	21,848	191,769	SH	DFND	1 3 4	191,769	0	0
CINCINNATI FINL CORP	COM	172062101	1,150	10,090	SH	DFND	1 4	10,090	0	0
CINEMARK HLDGS INC	COM	17243V102	11,420	708,408	SH	DFND	1 3 4	708,408	0	0
CINEMARK HLDGS INC	COM	17243V102	272	16,865	SH	DFND	1 4	16,865	0	0
CINTAS CORP	COM	172908105	64,664	145,912	SH	DFND	1 3 4	145,912	0	0
CINTAS CORP	COM	172908105	4,096	9,242	SH	DFND	1 4	9,242	0	0
CIRCOR INTL INC	COM	17273K109	3,664	134,790	SH	DFND	1 3 4	134,790	0	0
CIRRUS LOGIC INC	COM	172755100	357	3,877	SH	DFND	1 4	3,877	0	0
CIRRUS LOGIC INC	COM	172755100	17,514	190,324	SH	DFND	1 3 4	190,324	0	0
CISCO SYS INC	COM	17275R102	352,809	5,567,442	SH	DFND	1 3 4	5,567,442	0	0
CISCO SYS INC	COM	17275R102	7,225	114,013	SH	DFND	1 4	114,013	0	0
CIT GROUP INC	COM NEW	125581801	16,960	330,343	SH	DFND	1 3 4	330,343	0	0
CIT GROUP INC	COM NEW	125581801	442	8,609	SH	DFND	1 4	8,609	0	0
CITI TRENDS INC	COM	17306X102	1,490	15,730	SH	DFND	1 3 4	15,730	0	0
CITIGROUP INC	COM NEW	172967424	138,376	2,291,380	SH	DFND	1 3 4	2,291,380	0	0
CITIGROUP INC	COM NEW	172967424	3,232	53,527	SH	DFND	1 4	53,527	0	0
CITIUS PHARMACEUTICALS INC	COM NEW	17322U207	27	17,470	SH	DFND	1 3 4	17,470	0	0
CITIZENS FINL GROUP INC	COM	174610105	1,510	31,962	SH	DFND	1 4	31,962	0	0
CITIZENS FINL GROUP INC	COM	174610105	25,152	532,321	SH	DFND	1 3 4	532,321	0	0
CITRIX SYS INC	COM	177376100	13,681	144,633	SH	DFND	1 3 4	144,633	0	0
CITRIX SYS INC	COM	177376100	960	10,153	SH	DFND	1 4	10,153	0	0
CITY HLDG CO	COM	177835105	9,885	120,864	SH	DFND	1 3 4	120,864	0	0
CIVITAS RESOURCES INC	COM NEW	17888H103	26,741	546,079	SH	DFND	1 3 4	546,079	0	0
CIVITAS RESOURCES INC	COM NEW	17888H103	211	4,315	SH	DFND	1 4	4,315	0	0
CLARIVATE PLC	ORD SHS	G21810109	202	8,575	SH	DFND	1 3 4	8,575	0	0
CLARIVATE PLC	ORD SHS	G21810109	688	29,249	SH	DFND	1 4	29,249	0	0
CLARUS CORP NEW	COM	18270P109	639	23,055	SH	DFND	1 3 4	23,055	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	83	13,515	SH	DFND	1 4	13,515	0	0
CLEAN HARBORS INC	COM	184496107	16,637	166,750	SH	DFND	1 3 4	166,750	0	0
CLEAN HARBORS INC	COM	184496107	343	3,441	SH	DFND	1 4	3,441	0	0
CLEAR CHANNEL OUTDOOR HLDGS	COM	18453H106	113	34,174	SH	DFND	1 4	34,174	0	0
CLEAR SECURE INC	COM CL A	18467V109	9,593	305,827	SH	DFND	1 3 4	305,827	0	0
CLEARFIELD INC	COM	18482P103	807	9,554	SH	DFND	1 3 4	9,554	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	180	65,344	SH	DFND	1 3 4	65,344	0	0
CLEARWATER PAPER CORP	COM	18538R103	4,072	111,042	SH	DFND	1 3 4	111,042	0	0
CLEARWAY ENERGY INC	CL C	18539C204	319	8,860	SH	DFND	1 4	8,860	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	76,602	3,518,706	SH	DFND	1 3 4	3,518,706	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	668	30,688	SH	DFND	1 4	30,688	0	0
CLOROX CO DEL	COM	189054109	27,955	160,332	SH	DFND	1 3 4	160,332	0	0
CLOROX CO DEL	COM	189054109	2,156	12,368	SH	DFND	1 4	12,368	0	0
CLOUDFLARE INC	CL A COM	18915M107	1,058	8,048	SH	DFND	1 3 4	8,048	0	0
CLOUDFLARE INC	CL A COM	18915M107	3,595	27,342	SH	DFND	1 4	27,342	0	0

CLOVER HEALTH INVESTMENTS CO	COM CL A	18914F103	105	28,230	SH	DFND	1 3 4	28,230	0	0
CLOVIS ONCOLOGY INC	COM	189464100	1,139	420,243	SH	DFND	1 3 4	420,243	0	0
CLOVIS ONCOLOGY INC	COM	189464100	52	19,186	SH	DFND	1 4	19,186	0	0
CMC MATERIALS INC	COM	12571T100	24,975	130,289	SH	DFND	1 3 4	130,289	0	0
CMC MATERIALS INC	COM	12571T100	926	4,829	SH	DFND	1 4	4,829	0	0
CME GROUP INC	COM	12572Q105	94,336	412,923	SH	DFND	1 3 4	412,923	0	0
CME GROUP INC	COM	12572Q105	2,203	9,644	SH	DFND	1 4	9,644	0	0
CMS ENERGY CORP	COM	125896100	29,060	446,729	SH	DFND	1 3 4	446,729	0	0
CMS ENERGY CORP	COM	125896100	1,266	19,469	SH	DFND	1 4	19,469	0	0
CNH INDL N V	SHS	N20944109	16,740	861,601	SH	DFND	1 3 4	861,601	0	0
CNO FINL GROUP INC	COM	12621E103	44,233	1,855,428	SH	DFND	1 3 4	1,855,428	0	0
CNO FINL GROUP INC	COM	12621E103	254	10,672	SH	DFND	1 4	10,672	0	0
CNX RES CORP	COM	12653C108	9,674	703,531	SH	DFND	1 3 4	703,531	0	0
CNX RES CORP	COM	12653C108	250	18,189	SH	DFND	1 4	18,189	0	0
COCA COLA CO	COM	191216100	547,676	9,253,020	SH	DFND	1 3 4	9,253,020	0	0
COCA COLA CO	COM	191216100	13,170	222,427	SH	DFND	1 4	222,427	0	0
COCA COLA CONS INC	COM	191098102	20,814	33,615	SH	DFND	1 3 4	33,615	0	0
COCA COLA CONS INC	COM	191098102	497	802	SH	DFND	1 4	802	0	0
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	1,683	30,088	SH	DFND	1 3 4	30,088	0	0
CODEXIS INC	COM	192005106	242	7,741	SH	DFND	1 3 4	7,741	0	0
CODEXIS INC	COM	192005106	320	10,236	SH	DFND	1 4	10,236	0	0
CO-DIAGNOSTICS INC	COM	189763105	668	74,833	SH	DFND	1 3 4	74,833	0	0
COEUR MNG INC	COM NEW	192108504	186	36,889	SH	DFND	1 4	36,889	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	531	7,253	SH	DFND	1 4	7,253	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	20,672	282,484	SH	DFND	1 3 4	282,484	0	0
COGNEX CORP	COM	192422103	149,494	1,921,122	SH	DFND	1 3 4	1,921,122	0	0
COGNEX CORP	COM	192422103	1,442	18,538	SH	DFND	1 4	18,538	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	57,693	650,283	SH	DFND	1 3 4	650,283	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	1,257	14,169	SH	DFND	1 4	14,169	0	0
COHEN & STEERS INC	COM	19247A100	392	4,232	SH	DFND	1 4	4,232	0	0
COHERENT INC	COM	192479103	21,784	81,729	SH	DFND	1 3 4	81,729	0	0
COHERENT INC	COM	192479103	682	2,558	SH	DFND	1 4	2,558	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	8,116	508,540	SH	DFND	1 3 4	508,540	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	177	11,072	SH	DFND	1 4	11,072	0	0
COHU INC	COM	192576106	12,354	324,338	SH	DFND	1 3 4	324,338	0	0
COHU INC	COM	192576106	291	7,630	SH	DFND	1 4	7,630	0	0
COINBASE GLOBAL INC	COM CL A	19260Q107	231	914	SH	DFND	1 3 4	914	0	0
COLFAX CORP	COM	194014106	362	7,875	SH	DFND	1 4	7,875	0	0
COLFAX CORP	COM	194014106	112,913	2,456,359	SH	DFND	1 3 4	2,456,359	0	0
COLGATE PALMOLIVE CO	COM	194162103	89,670	1,050,736	SH	DFND	1 3 4	1,050,736	0	0
COLGATE PALMOLIVE CO	COM	194162103	3,542	41,508	SH	DFND	1 4	41,508	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	24,391	1,305,743	SH	DFND	1 3 4	1,305,743	0	0
COLUMBIA BKG SYS INC	COM	197236102	16,932	517,474	SH	DFND	1 3 4	517,474	0	0
COLUMBIA BKG SYS INC	COM	197236102	222	6,791	SH	DFND	1 4	6,791	0	0
COLUMBIA FINL INC	COM	197641103	1,372	65,754	SH	DFND	1 3 4	65,754	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	11,409	117,091	SH	DFND	1 3 4	117,091	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	274	2,814	SH	DFND	1 4	2,814	0	0
COMCAST CORP NEW	CL A	20030N101	6,193	123,044	SH	DFND	1 4	123,044	0	0
COMCAST CORP NEW	CL A	20030N101	435,690	8,654,079	SH	DFND	1 3 4	8,654,079	0	0

COMERICA INC	COM	200340107	14,989	172,292	SH	DFND	1 3 4	172,292	0	0
COMERICA INC	COM	200340107	768	8,823	SH	DFND	1 4	8,823	0	0
COMFORT SYS USA INC	COM	199908104	46,363	480,834	SH	DFND	1 3 4	480,834	0	0
COMFORT SYS USA INC	COM	199908104	600	6,065	SH	DFND	1 4	6,065	0	0
COMMERCE BANCSHARES INC	COM	200525103	26,114	379,894	SH	DFND	1 3 4	379,894	0	0
COMMERCE BANCSHARES INC	COM	200525103	514	7,484	SH	DFND	1 4	7,484	0	0
COMMERCIAL METALS CO	COM	201723103	19,281	531,305	SH	DFND	1 3 4	531,305	0	0
COMMERCIAL METALS CO	COM	201723103	378	10,414	SH	DFND	1 4	10,414	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	4,306	390,007	SH	DFND	1 3 4	390,007	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	247	22,366	SH	DFND	1 4	22,366	0	0
COMMUNITY BK SYS INC	COM	203607106	26,753	359,193	SH	DFND	1 3 4	359,193	0	0
COMMUNITY BK SYS INC	COM	203607106	346	4,643	SH	DFND	1 4	4,643	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	12,856	965,893	SH	DFND	1 3 4	965,893	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	263	19,797	SH	DFND	1 4	19,797	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	7,399	156,521	SH	DFND	1 3 4	156,521	0	0
COMMUNITY TR BANCORP INC	COM	204149108	890	20,419	SH	DFND	1 3 4	20,419	0	0
COMMVault SYS INC	COM	204166102	14,414	209,136	SH	DFND	1 3 4	209,136	0	0
COMMVault SYS INC	COM	204166102	537	7,794	SH	DFND	1 4	7,794	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	1,688	229,911	SH	DFND	1 3 4	229,911	0	0
COMPASS MINERALS INTL INC	COM	20451N101	5,792	113,385	SH	DFND	1 3 4	113,385	0	0
COMPASS MINERALS INTL INC	COM	20451N101	297	5,817	SH	DFND	1 4	5,817	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	3,330	113,654	SH	DFND	1 3 4	113,654	0	0
COMSTOCK RES INC	COM	205768302	1,752	216,511	SH	DFND	1 3 4	216,511	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	4,680	197,544	SH	DFND	1 3 4	197,544	0	0
CONAGRA BRANDS INC	COM	205887102	18,961	555,217	SH	DFND	1 3 4	555,217	0	0
CONAGRA BRANDS INC	COM	205887102	1,080	31,635	SH	DFND	1 4	31,635	0	0
CONCENTRIX CORP	COM	20602D101	505	2,826	SH	DFND	1 4	2,826	0	0
CONCENTRIX CORP	COM	20602D101	80,673	451,646	SH	DFND	1 3 4	451,646	0	0
CONDUENT INC	COM	206787103	78	14,598	SH	DFND	1 4	14,598	0	0
CONMED CORP	COM	207410101	108,421	772,049	SH	DFND	1 3 4	772,049	0	0
CONMED CORP	COM	207410101	700	4,940	SH	DFND	1 4	4,940	0	0
CONNS INC	COM	208242107	3,003	127,682	SH	DFND	1 3 4	127,682	0	0
CONOCOPHILLIPS	COM	20825C104	120,036	1,663,016	SH	DFND	1 3 4	1,663,016	0	0
CONOCOPHILLIPS	COM	20825C104	2,569	35,597	SH	DFND	1 4	35,597	0	0
CONSENSUS CLOUD SOLUTIONS IN	COM	20848V105	6,180	106,783	SH	DFND	1 3 4	106,783	0	0
CONSOL ENERGY INC NEW	COM	20854L108	5,572	245,335	SH	DFND	1 3 4	245,335	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	3,997	534,329	SH	DFND	1 3 4	534,329	0	0
CONSOLIDATED EDISON INC	COM	209115104	2,033	23,832	SH	DFND	1 4	23,832	0	0
CONSOLIDATED EDISON INC	COM	209115104	34,710	406,822	SH	DFND	1 3 4	406,822	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	48,088	191,609	SH	DFND	1 3 4	191,609	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	1,056	4,209	SH	DFND	1 4	4,209	0	0
CONSTELLIUM SE	CL A SHS	F21107101	42,541	2,375,264	SH	DFND	1 3 4	2,375,264	0	0
CONSTELLIUM SE	CL A SHS	F21107101	192	10,698	SH	DFND	1 4	10,698	0	0

CONTINENTAL RES INC	COM	212015101	212	4,729	SH	DFND	1 4	4,729	0	0
CONVEY HEALTH SOLUTIONS HLDG	COM	21258C108	154	18,369	SH	DFND	1 3 4	18,369	0	0
COOPER COS INC	COM NEW	216648402	47,844	114,202	SH	DFND	1 3 4	114,202	0	0
COOPER COS INC	COM NEW	216648402	1,365	3,259	SH	DFND	1 4	3,259	0	0
COOPER STD HLDGS INC	COM	21676P103	2,534	113,053	SH	DFND	1 3 4	113,053	0	0
COPA HOLDINGS SA	CL A	P31076105	49,748	601,838	SH	DFND	1 3 4	601,838	0	0
COPART INC	COM	217204106	1,200,289	7,940,653	SH	DFND	1 3 4	7,940,653	0	0
COPART INC	COM	217204106	3,438	22,673	SH	DFND	1 4	22,673	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	12,522	632,434	SH	DFND	1 3 4	632,434	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	322	16,275	SH	DFND	1 4	16,275	0	0
CORE & MAIN INC	CL A	21874C102	38,131	1,256,804	SH	DFND	1 3 4	1,256,804	0	0
CORE LABORATORIES N V	COM	N22717107	8,694	389,711	SH	DFND	1 3 4	389,711	0	0
CORECIVIC INC	COM	21871N101	7,979	800,349	SH	DFND	1 3 4	800,349	0	0
CORECIVIC INC	COM	21871N101	104	10,451	SH	DFND	1 4	10,451	0	0
CORNING INC	COM	219350105	32,994	886,228	SH	DFND	1 3 4	886,228	0	0
CORNING INC	COM	219350105	2,302	61,840	SH	DFND	1 4	61,840	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	16,148	577,338	SH	DFND	1 3 4	577,338	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	274	9,795	SH	DFND	1 4	9,795	0	0
CORTEVA INC	COM	22052L104	270,793	5,730,985	SH	DFND	1 3 4	5,730,985	0	0
CORTEVA INC	COM	22052L104	2,324	49,148	SH	DFND	1 4	49,148	0	0
CORVEL CORP	COM	221006109	14,174	68,146	SH	DFND	1 3 4	68,146	0	0
CORVEL CORP	COM	221006109	312	1,502	SH	DFND	1 4	1,502	0	0
COSTAR GROUP INC	COM	22160N109	1,320,509	16,647,834	SH	DFND	1 3 4	16,647,834	0	0
COSTAR GROUP INC	COM	22160N109	3,074	38,895	SH	DFND	1 4	38,895	0	0
COSTCO WHSL CORP NEW	COM	22160K105	741,833	1,311,179	SH	DFND	1 3 4	1,311,179	0	0
COSTCO WHSL CORP NEW	COM	22160K105	16,850	29,681	SH	DFND	1 4	29,681	0	0
COTERRA ENERGY INC	COM	127097103	63,527	3,343,510	SH	DFND	1 3 4	3,343,510	0	0
COTERRA ENERGY INC	COM	127097103	1,125	59,199	SH	DFND	1 4	59,199	0	0
COTY INC	COM CL A	222070203	11,737	1,117,833	SH	DFND	1 3 4	1,117,833	0	0
COTY INC	COM CL A	222070203	240	22,844	SH	DFND	1 4	22,844	0	0
COUPA SOFTWARE INC	COM	22266L106	282	1,782	SH	DFND	1 3 4	1,782	0	0
COUPA SOFTWARE INC	COM	22266L106	1,253	7,930	SH	DFND	1 4	7,930	0	0
COURSERA INC	COM	22266M104	3,456	141,400	SH	DFND	1 3 4	141,400	0	0
COUSINS PPTYS INC	COM NEW	222795502	99,175	2,462,145	SH	DFND	1 3 4	2,462,145	0	0
COUSINS PPTYS INC	COM NEW	222795502	405	10,047	SH	DFND	1 4	10,047	0	0
COUSINS PPTYS INC	COM NEW	222795502	346,288	8,608,436	SH	DFND	2 3 4	8,608,436	0	0
COVETRUS INC	COM	22304C100	13,731	687,581	SH	DFND	1 3 4	687,581	0	0
COWEN INC	CL A NEW	223622606	4,139	114,667	SH	DFND	1 3 4	114,667	0	0
CRA INTL INC	COM	12618T105	512	5,486	SH	DFND	1 3 4	5,486	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	10,075	78,323	SH	DFND	1 3 4	78,323	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	519	4,036	SH	DFND	1 4	4,036	0	0
CRANE CO	COM	224399105	337	3,312	SH	DFND	1 4	3,312	0	0
CRANE CO	COM	224399105	58,012	575,341	SH	DFND	1 3 4	575,341	0	0
CREDIT ACCEP CORP MICH	COM	225310101	398	579	SH	DFND	1 4	579	0	0
CREDIT ACCEP CORP MICH	COM	225310101	258,491	380,935	SH	DFND	1 3 4	380,935	0	0
CRINETICS PHARMACEUTICALS IN	COM	22663K107	207	7,295	SH	DFND	1 4	7,295	0	0
CRISPR THERAPEUTICS AG	NAMEN AKT	H17182108	694	9,159	SH	DFND	1 3 4	9,159	0	0
CRITEO S A	SPONS ADS	226718104	38,668	994,814	SH	DFND	1 3 4	994,814	0	0
CROCS INC	COM	227046109	68,916	537,485	SH	DFND	1 3 4	537,485	0	0
CROCS INC	COM	227046109	1,271	9,913	SH	DFND	1 4	9,913	0	0



CROSS CTRY HEALTHCARE INC	COM	227483104	6,534	235,387	SH	DFND	1 3 4	235,387	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	15,045	73,477	SH	DFND	1 3 4	73,477	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	4,370	21,341	SH	DFND	1 4	21,341	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	6,273	30,051	SH	DFND	1 4	30,051	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	61,539	294,813	SH	DFND	2 3 4	294,813	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	104,441	500,339	SH	DFND	1 3 4	500,339	0	0
CROWN HLDGS INC	COM	228368106	996	9,008	SH	DFND	1 4	9,008	0	0
CROWN HLDGS INC	COM	228368106	2,202	19,906	SH	DFND	1 3 4	19,906	0	0
CRYOLIFE INC	COM	228903100	5,421	266,393	SH	DFND	1 3 4	266,393	0	0
CRYOPORT INC	COM PAR \$0.001	229050307	408	6,898	SH	DFND	1 4	6,898	0	0
CSG SYS INTL INC	COM	126349109	14,966	259,730	SH	DFND	1 3 4	259,730	0	0
CSG SYS INTL INC	COM	126349109	236	4,099	SH	DFND	1 4	4,099	0	0
CSW INDUSTRIALS INC	COM	126402106	305	2,527	SH	DFND	1 4	2,527	0	0
CSX CORP	COM	126408103	95,812	2,548,204	SH	DFND	1 3 4	2,548,204	0	0
CSX CORP	COM	126408103	2,242	59,628	SH	DFND	1 4	59,628	0	0
CTO RLTY GROWTH INC NEW	COM	22948Q101	466	7,595	SH	DFND	1 3 4	7,595	0	0
CTS CORP	COM	126501105	9,036	246,075	SH	DFND	1 3 4	246,075	0	0
CUBESMART	COM	229663109	486,778	8,569,473	SH	DFND	2 3 4	8,569,473	0	0
CUBESMART	COM	229663109	820	14,410	SH	DFND	1 4	14,410	0	0
CUBESMART	COM	229663109	7,933	139,390	SH	DFND	1 3 4	139,390	0	0
CULLEN FROST BANKERS INC	COM	229899109	76,813	613,105	SH	DFND	1 3 4	613,105	0	0
CULLEN FROST BANKERS INC	COM	229899109	482	3,825	SH	DFND	1 4	3,825	0	0
CUMMINS INC	COM	231021106	36,115	165,557	SH	DFND	1 3 4	165,557	0	0
CUMMINS INC	COM	231021106	2,107	9,660	SH	DFND	1 4	9,660	0	0
CUREVAC N V	COM	N2451R105	205	5,970	SH	DFND	1 4	5,970	0	0
CURIS INC	COM NEW	231269200	680	142,902	SH	DFND	1 3 4	142,902	0	0
CURIS INC	COM NEW	231269200	65	13,715	SH	DFND	1 4	13,715	0	0
CURTISS WRIGHT CORP	COM	231561101	18,126	130,714	SH	DFND	1 3 4	130,714	0	0
CURTISS WRIGHT CORP	COM	231561101	365	2,629	SH	DFND	1 4	2,629	0	0
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	525	23,596	SH	DFND	1 4	23,596	0	0
CUSTOMERS BANCORP INC	COM	23204G100	15,738	240,758	SH	DFND	1 3 4	240,758	0	0
CUTERA INC	COM	232109108	5,795	140,238	SH	DFND	1 3 4	140,238	0	0
CVB FINL CORP	COM	126600105	22,292	1,041,194	SH	DFND	1 3 4	1,041,194	0	0
CVB FINL CORP	COM	126600105	241	11,265	SH	DFND	1 4	11,265	0	0
CVS HEALTH CORP	COM	126650100	157,813	1,529,785	SH	DFND	1 3 4	1,529,785	0	0
CVS HEALTH CORP	COM	126650100	3,663	35,509	SH	DFND	1 4	35,509	0	0
CYBERARK SOFTWARE LTD	SHS	M2682V108	34,671	200,088	SH	DFND	1 3 4	200,088	0	0
CYRUSONE INC	COM	23283R100	67,788	775,375	SH	DFND	1 3 4	775,375	0	0
CYRUSONE INC	COM	23283R100	766	8,536	SH	DFND	1 4	8,536	0	0
CYRUSONE INC	COM	23283R100	10,704	121,908	SH	DFND	2 3 4	121,908	0	0
CYTOKINETICS INC	COM NEW	23282W605	592	12,993	SH	DFND	1 4	12,993	0	0
CYTOKINETICS INC	COM NEW	23282W605	30,271	664,123	SH	DFND	1 3 4	664,123	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	44	10,099	SH	DFND	1 4	10,099	0	0
D R HORTON INC	COM	23331A109	51,428	474,207	SH	DFND	1 3 4	474,207	0	0
D R HORTON INC	COM	23331A109	3,022	27,866	SH	DFND	1 4	27,866	0	0
D R HORTON INC	COM	23331A109	234,805	2,171,268	SH	DFND	2 3 4	2,171,268	0	0
DANA INC	COM	235825205	12,944	567,202	SH	DFND	1 3 4	567,202	0	0
DANA INC	COM	235825205	437	19,143	SH	DFND	1 4	19,143	0	0
DANAHER CORPORATION	COM	235851102	770,980	2,349,432	SH	DFND	1 3 4	2,349,432	0	0
DANAHER CORPORATION	COM	235851102	6,084	18,493	SH	DFND	1 4	18,493	0	0

DANIMER SCIENTIFIC INC	COM CL A	236272100	131	15,402	SH	DFND	1 4	15,402	0	0
DAQO NEW ENERGY CORP	SPNSRD ADS NEW	23703Q203	25,605	635,051	SH	DFND	1 3 4	635,051	0	0
DARDEN RESTAURANTS INC	COM	237194105	1,865	12,379	SH	DFND	1 4	12,379	0	0
DARDEN RESTAURANTS INC	COM	237194105	23,251	154,348	SH	DFND	1 3 4	154,348	0	0
DARLING INGREDIENTS INC	COM	237266101	106,039	1,530,377	SH	DFND	1 3 4	1,530,377	0	0
DARLING INGREDIENTS INC	COM	237266101	784	11,310	SH	DFND	1 4	11,310	0	0
DASEKE INC	COM	23753F107	517	51,492	SH	DFND	1 3 4	51,492	0	0
DATADOG INC	CL A COM	23804L103	12,992	72,945	SH	DFND	1 3 4	72,945	0	0
DATADOG INC	CL A COM	23804L103	4,915	27,595	SH	DFND	1 4	27,595	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	9,870	257,022	SH	DFND	1 3 4	257,022	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	208	5,420	SH	DFND	1 4	5,420	0	0
DAVITA INC	COM	23918K108	8,655	76,081	SH	DFND	1 3 4	76,081	0	0
DAVITA INC	COM	23918K108	753	6,618	SH	DFND	1 4	6,618	0	0
DECKERS OUTDOOR CORP	COM	243537107	90,375	246,718	SH	DFND	1 3 4	246,718	0	0
DECKERS OUTDOOR CORP	COM	243537107	738	2,016	SH	DFND	1 4	2,016	0	0
DEERE & CO	COM	244199105	392,456	1,144,673	SH	DFND	1 3 4	1,144,673	0	0
DEERE & CO	COM	244199105	6,687	19,503	SH	DFND	1 4	19,503	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	379	6,747	SH	DFND	1 3 4	6,747	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	737	13,112	SH	DFND	1 4	13,112	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	30,362	776,931	SH	DFND	1 3 4	776,931	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	2,709	69,331	SH	DFND	1 4	69,331	0	0
DELUXE CORP	COM	248019101	10,267	319,748	SH	DFND	1 3 4	319,748	0	0
DENALI THERAPEUTICS INC	COM	24823R105	14,040	314,804	SH	DFND	1 3 4	314,804	0	0
DENALI THERAPEUTICS INC	COM	24823R105	690	15,471	SH	DFND	1 4	15,471	0	0
DENBURY INC	COM	24790A101	657	8,581	SH	DFND	1 4	8,581	0	0
DENTSPLY SIRONA INC	COM	24906P109	28,990	519,629	SH	DFND	1 3 4	519,629	0	0
DENTSPLY SIRONA INC	COM	24906P109	817	14,650	SH	DFND	1 4	14,650	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	11,185	522,454	SH	DFND	1 3 4	522,454	0	0
DESIGNER BRANDS INC	CL A	250565108	5,806	408,558	SH	DFND	1 3 4	408,558	0	0
DESIGNER BRANDS INC	CL A	250565108	145	10,225	SH	DFND	1 4	10,225	0	0
DESKTOP METAL INC	COM CL A	25058X105	131	26,436	SH	DFND	1 4	26,436	0	0
DEVON ENERGY CORP NEW	COM	25179M103	32,012	726,730	SH	DFND	1 3 4	726,730	0	0
DEVON ENERGY CORP NEW	COM	25179M103	1,998	45,349	SH	DFND	1 4	45,349	0	0
DEXCOM INC	COM	252131107	93,516	174,161	SH	DFND	1 3 4	174,161	0	0
DEXCOM INC	COM	252131107	5,614	10,456	SH	DFND	1 4	10,456	0	0
DHT HOLDINGS INC	SHS NEW	Y2065G121	64	12,354	SH	DFND	1 4	12,354	0	0
DIAMOND HILL INVT GROUP INC	COM NEW	25264R207	825	4,248	SH	DFND	1 3 4	4,248	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	64,244	604,887	SH	DFND	1 3 4	604,887	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	1,691	15,678	SH	DFND	1 4	15,678	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	14,902	1,550,636	SH	DFND	1 3 4	1,550,636	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	39,870	4,150,882	SH	DFND	2 3 4	4,150,882	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	175	18,229	SH	DFND	1 4	18,229	0	0
DICKS SPORTING	COM	253393102	26,551	230,900	SH	DFND	1 3 4	230,900	0	0

GOODS INC											
DICKS SPORTING GOODS INC	COM	253393102	485	4,215	SH	DFND	1 4	4,215	0	0	
DIEBOLD NIXDORF INC	COM STK	253651103	4,388	484,859	SH	DFND	1 3 4	484,859	0	0	
DIEBOLD NIXDORF INC	COM STK	253651103	111	12,239	SH	DFND	1 4	12,239	0	0	
DIGI INTL INC	COM	253798102	5,582	227,182	SH	DFND	1 3 4	227,182	0	0	
DIGITAL RLTY TR INC	COM	253868103	295,365	1,671,679	SH	DFND	1 3 4	1,671,679	0	0	
DIGITAL RLTY TR INC	COM	253868103	1,335	7,547	SH	DFND	1 4	7,547	0	0	
DIGITAL RLTY TR INC	COM	253868103	107,013	608,530	SH	DFND	2 3 4	608,530	0	0	
DIGITAL TURBINE INC	COM NEW	25400W102	942	15,442	SH	DFND	1 4	15,442	0	0	
DIGITAL TURBINE INC	COM NEW	25400W102	17,864	292,900	SH	DFND	1 3 4	292,900	0	0	
DIGITALBRIDGE GROUP INC	CL A COM	25401T108	350	42,073	SH	DFND	1 4	42,073	0	0	
DIGITALOCEAN HLDGS INC	COM	25402D102	674	8,392	SH	DFND	1 4	8,392	0	0	
DIGITALOCEAN HLDGS INC	COM	25402D102	50,504	628,706	SH	DFND	1 3 4	628,706	0	0	
DILLARDS INC	CL A	254067101	5,696	23,247	SH	DFND	1 3 4	23,247	0	0	
DIME CMNTY BANCSHARES INC	COM	25432X102	7,773	221,061	SH	DFND	1 3 4	221,061	0	0	
DINE BRANDS GLOBAL INC	COM	254423106	8,685	114,557	SH	DFND	1 3 4	114,557	0	0	
DINE BRANDS GLOBAL INC	COM	254423106	210	2,773	SH	DFND	1 4	2,773	0	0	
DIODES INC	COM	254543101	37,225	338,998	SH	DFND	1 3 4	338,998	0	0	
DIODES INC	COM	254543101	724	6,596	SH	DFND	1 4	6,596	0	0	
DISCOVER FINL SVCS	COM	254709108	225,374	1,949,420	SH	DFND	1 3 4	1,949,420	0	0	
DISCOVER FINL SVCS	COM	254709108	3,045	26,353	SH	DFND	1 4	26,353	0	0	
DISCOVERY INC	COM SER A	25470F104	262	11,121	SH	DFND	1 4	11,121	0	0	
DISCOVERY INC	COM SER A	25470F104	4,565	193,932	SH	DFND	1 3 4	193,932	0	0	
DISCOVERY INC	COM SER C	25470F302	485	21,195	SH	DFND	1 4	21,195	0	0	
DISCOVERY INC	COM SER C	25470F302	7,978	348,380	SH	DFND	1 3 4	348,380	0	0	
DISH NETWORK CORPORATION	CL A	25470M109	9,281	286,105	SH	DFND	1 3 4	286,105	0	0	
DISH NETWORK CORPORATION	CL A	25470M109	542	16,696	SH	DFND	1 4	16,696	0	0	
DISNEY WALT CO	COM	254687106	363,673	2,347,945	SH	DFND	1 3 4	2,347,945	0	0	
DISNEY WALT CO	COM	254687106	8,202	52,954	SH	DFND	1 4	52,954	0	0	
DIVERSEY HLDGS LTD	ORD SHS	G28923103	43,955	3,302,447	SH	DFND	1 3 4	3,302,447	0	0	
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	4,914	1,590,222	SH	DFND	1 3 4	1,590,222	0	0	
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	64	20,695	SH	DFND	1 4	20,695	0	0	
DMC GLOBAL INC	COM	23291C103	4,935	124,591	SH	DFND	1 3 4	124,591	0	0	
DOCUSIGN INC	COM	256163106	3,187	20,923	SH	DFND	1 4	20,923	0	0	
DOCUSIGN INC	COM	256163106	720	4,728	SH	DFND	1 3 4	4,728	0	0	
DOLBY LABORATORIES INC	COM CL A	25659T107	411	4,321	SH	DFND	1 4	4,321	0	0	
DOLLAR GEN CORP NEW	COM	256677105	2,510	10,644	SH	DFND	1 4	10,644	0	0	
DOLLAR GEN CORP NEW	COM	256677105	443,162	1,885,310	SH	DFND	1 3 4	1,885,310	0	0	
DOLLAR TREE INC	COM	256746108	36,272	258,127	SH	DFND	1 3 4	258,127	0	0	
DOLLAR TREE INC	COM	256746108	2,107	14,992	SH	DFND	1 4	14,992	0	0	
DOMINION ENERGY INC	COM	25746U109	73,077	930,212	SH	DFND	1 3 4	930,212	0	0	
DOMINION ENERGY INC	COM	25746U109	1,703	21,675	SH	DFND	1 4	21,675	0	0	
DOMINOS PIZZA INC	COM	25754A201	638,504	1,138,269	SH	DFND	1 3 4	1,138,269	0	0	
DOMINOS PIZZA INC	COM	25754A201	1,962	3,476	SH	DFND	1 4	3,476	0	0	
DOMO INC	COM CL B	257554105	236	4,761	SH	DFND	1 4	4,761	0	0	
DONALDSON INC	COM	257651109	534	9,006	SH	DFND	1 4	9,006	0	0	
DONALDSON INC	COM	257651109	49,361	835,099	SH	DFND	1 3 4	835,099	0	0	
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	10,208	216,542	SH	DFND	1 3 4	216,542	0	0	
DOORDASH INC	CL A	25809K105	12,317	82,721	SH	DFND	1 3 4	82,721	0	0	
DOORDASH INC	CL A	25809K105	2,255	15,146	SH	DFND	1 4	15,146	0	0	

DORIAN LPG LTD	SHS USD	Y2106R110	2,907	229,070	SH	DFND	1 3 4	229,070	0	0
DORMAN PRODS INC	COM	258278100	21,424	189,580	SH	DFND	1 3 4	189,580	0	0
DORMAN PRODS INC	COM	258278100	507	4,490	SH	DFND	1 4	4,490	0	0
DOUBLEVERIFY HLDGS INC	COM	25862V105	11,230	337,418	SH	DFND	1 3 4	337,418	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	5,288	459,805	SH	DFND	1 3 4	459,805	0	0
DOUGLAS EMMETT INC	COM	25960P109	19,583	584,559	SH	DFND	1 3 4	584,559	0	0
DOUGLAS EMMETT INC	COM	25960P109	378	11,297	SH	DFND	1 4	11,297	0	0
DOVER CORP	COM	260003108	1,756	9,667	SH	DFND	1 4	9,667	0	0
DOVER CORP	COM	260003108	48,104	264,888	SH	DFND	1 3 4	264,888	0	0
DOW INC	COM	260557103	55,506	978,588	SH	DFND	1 3 4	978,588	0	0
DOW INC	COM	260557103	1,282	22,602	SH	DFND	1 4	22,602	0	0
DOXIMITY INC	CL A	26622P107	15,546	310,112	SH	DFND	1 3 4	310,112	0	0
DRAFTKINGS INC	COM CL A	26142R104	695	25,298	SH	DFND	1 3 4	25,298	0	0
DRAFTKINGS INC	COM CL A	26142R104	909	33,083	SH	DFND	1 4	33,083	0	0
DRIL-QUIP INC	COM	262037104	4,634	235,449	SH	DFND	1 3 4	235,449	0	0
DROPBOX INC	CL A	26210C104	803	32,737	SH	DFND	1 4	32,737	0	0
DT MIDSTREAM INC	COMMON STOCK	23345M107	16,124	336,062	SH	DFND	1 3 4	336,062	0	0
DT MIDSTREAM INC	COMMON STOCK	23345M107	312	6,502	SH	DFND	1 4	6,502	0	0
DTE ENERGY CO	COM	233331107	27,235	227,833	SH	DFND	1 3 4	227,833	0	0
DTE ENERGY CO	COM	233331107	1,554	13,000	SH	DFND	1 4	13,000	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	2,430	80,700	SH	DFND	1 3 4	80,700	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	2,172	20,706	SH	DFND	1 4	20,706	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	92,662	883,340	SH	DFND	1 3 4	883,340	0	0
DUKE REALTY CORP	COM NEW	264411505	31,659	482,316	SH	DFND	1 3 4	482,316	0	0
DUKE REALTY CORP	COM NEW	264411505	1,680	25,590	SH	DFND	1 4	25,590	0	0
DULUTH HLDGS INC	COM CL B	26443V101	341	22,468	SH	DFND	1 3 4	22,468	0	0
DUN & BRADSTREET HLDGS INC	COM	26484T106	221	10,783	SH	DFND	1 4	10,783	0	0
DUPONT DE NEMOURS INC	COM	26614N102	47,992	594,107	SH	DFND	1 3 4	594,107	0	0
DUPONT DE NEMOURS INC	COM	26614N102	1,140	14,107	SH	DFND	1 4	14,107	0	0
DURECT CORP	COM	266605104	38	38,584	SH	DFND	1 4	38,584	0	0
DXC TECHNOLOGY CO	COM	23355L106	9,179	285,165	SH	DFND	1 3 4	285,165	0	0
DXC TECHNOLOGY CO	COM	23355L106	548	17,028	SH	DFND	1 4	17,028	0	0
DXP ENTERPRISES INC	COM NEW	233377407	2,922	113,834	SH	DFND	1 3 4	113,834	0	0
DYCOM INDS INC	COM	267475101	72,213	770,187	SH	DFND	1 3 4	770,187	0	0
DYCOM INDS INC	COM	267475101	427	4,556	SH	DFND	1 4	4,556	0	0
DYNATRACE INC	COM NEW	268150109	30,045	497,857	SH	DFND	1 3 4	497,857	0	0
DYNATRACE INC	COM NEW	268150109	1,244	20,613	SH	DFND	1 4	20,613	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	2,514	178,711	SH	DFND	1 3 4	178,711	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	258	18,333	SH	DFND	1 4	18,333	0	0
E L F BEAUTY INC	COM	26856L103	10,594	319,015	SH	DFND	1 3 4	319,015	0	0
E L F BEAUTY INC	COM	26856L103	272	8,195	SH	DFND	1 4	8,195	0	0
E2OPEN PARENT HOLDINGS INC	COM CL A	29788T103	194	17,239	SH	DFND	1 4	17,239	0	0
EAGLE BANCORP INC MD	COM	268948106	14,383	246,543	SH	DFND	1 3 4	246,543	0	0
EAGLE MATLS INC	COM	26969P108	446	2,681	SH	DFND	1 4	2,681	0	0
EAGLE MATLS INC	COM	26969P108	34,198	205,445	SH	DFND	1 3 4	205,445	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	4,476	87,897	SH	DFND	1 3 4	87,897	0	0
EARGO INC	COM	270087109	1,229	240,999	SH	DFND	1 3 4	240,999	0	0
EAST WEST BANCORP INC	COM	27579R104	114,601	1,459,297	SH	DFND	1 3 4	1,459,297	0	0
EAST WEST BANCORP INC	COM	27579R104	750	9,529	SH	DFND	1 4	9,529	0	0

EASTERLY GOVT PPTYS INC	COM	27616P103	13,153	573,882	SH	DFND	1 3 4	573,882	0	0
EASTERN BANKSHARES INC	COM	27627N105	363	17,992	SH	DFND	1 4	17,992	0	0
EASTGROUP PPTYS INC	COM	277276101	89,592	408,446	SH	DFND	1 3 4	408,446	0	0
EASTGROUP PPTYS INC	COM	277276101	1,566	6,875	SH	DFND	1 4	6,875	0	0
EASTMAN CHEM CO	COM	277432100	18,651	154,259	SH	DFND	1 3 4	154,259	0	0
EASTMAN CHEM CO	COM	277432100	1,095	9,055	SH	DFND	1 4	9,055	0	0
EATON CORP PLC	SHS	G29183103	1,851	10,712	SH	DFND	1 4	10,712	0	0
EATON CORP PLC	SHS	G29183103	85,670	495,720	SH	DFND	1 3 4	495,720	0	0
EBAY INC.	COM	278642103	49,554	745,174	SH	DFND	1 3 4	745,174	0	0
EBAY INC.	COM	278642103	2,909	43,750	SH	DFND	1 4	43,750	0	0
EBIX INC	COM NEW	278715206	5,623	184,974	SH	DFND	1 3 4	184,974	0	0
ECOLAB INC	COM	278865100	67,259	286,724	SH	DFND	1 3 4	286,724	0	0
ECOLAB INC	COM	278865100	3,789	16,153	SH	DFND	1 4	16,153	0	0
ECOPETROL S A	SPONSORED ADS	279158109	5,062	392,734	SH	DFND	1 3 4	392,734	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	18,856	412,520	SH	DFND	1 3 4	412,520	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	216	4,734	SH	DFND	1 4	4,734	0	0
EDISON INTL	COM	281020107	29,832	437,095	SH	DFND	1 3 4	437,095	0	0
EDISON INTL	COM	281020107	1,715	25,127	SH	DFND	1 4	25,127	0	0
EDITAS MEDICINE INC	COM	28106W103	217	8,171	SH	DFND	1 3 4	8,171	0	0
EDITAS MEDICINE INC	COM	28106W103	309	11,630	SH	DFND	1 4	11,630	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	116,505	899,308	SH	DFND	1 3 4	899,308	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	5,583	43,099	SH	DFND	1 4	43,099	0	0
EHEALTH INC	COM	28238P109	4,030	158,020	SH	DFND	1 3 4	158,020	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	1,837	129,491	SH	DFND	1 3 4	129,491	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	1,907	67,186	SH	DFND	1 3 4	67,186	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	851	29,989	SH	DFND	1 4	29,989	0	0
ELASTIC N V	ORD SHS	N14506104	979	7,956	SH	DFND	1 4	7,956	0	0
ELECTRONIC ARTS INC	COM	285512109	43,755	331,730	SH	DFND	1 3 4	331,730	0	0
ELECTRONIC ARTS INC	COM	285512109	1,007	7,638	SH	DFND	1 4	7,638	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	29,041	1,196,090	SH	DFND	1 3 4	1,196,090	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	378	15,588	SH	DFND	1 4	15,588	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	6,215	363,649	SH	DFND	1 3 4	363,649	0	0
EMCOR GROUP INC	COM	29084Q100	22,649	177,792	SH	DFND	1 3 4	177,792	0	0
EMCOR GROUP INC	COM	29084Q100	646	5,069	SH	DFND	1 4	5,069	0	0
EMCORE CORP	COM NEW	290846203	295	42,253	SH	DFND	1 3 4	42,253	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	13,849	318,588	SH	DFND	1 3 4	318,588	0	0
EMERSON ELEC CO	COM	291011104	69,259	744,963	SH	DFND	1 3 4	744,963	0	0
EMERSON ELEC CO	COM	291011104	1,492	16,052	SH	DFND	1 4	16,052	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	111	12,461	SH	DFND	1 4	12,461	0	0
EMPLOYERS HLDGS INC	COM	292218104	7,713	186,398	SH	DFND	1 3 4	186,398	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	9,143	122,261	SH	DFND	1 3 4	122,261	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	22,172	339,749	SH	DFND	1 3 4	339,749	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	592	9,067	SH	DFND	1 4	9,067	0	0
ENCORE CAP GROUP INC	COM	292554102	50,511	813,257	SH	DFND	1 3 4	813,257	0	0
ENCORE WIRE CORP	COM	292562105	22,115	154,541	SH	DFND	1 3 4	154,541	0	0
ENCORE WIRE CORP	COM	292562105	245	1,713	SH	DFND	1 4	1,713	0	0
ENDEAVOR GROUP	CL A COM	29260Y109	3,937	112,851	SH	DFND	1 3 4	112,851	0	0

HLDGS INC										
ENDO INTL PLC	SHS	G30401106	7,439	1,978,546	SH	DFND	1 3 4	1,978,546	0	0
ENDO INTL PLC	SHS	G30401106	75	19,923	SH	DFND	1 4	19,923	0	0
ENEL CHILE S.A.	SPONSORED ADR	29278D105	290	160,391	SH	DFND	1 3 4	160,391	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	61,025	1,525,262	SH	DFND	1 3 4	1,525,262	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	464	11,577	SH	DFND	1 4	11,577	0	0
ENERGY FUELS INC	COM NEW	292671708	187	24,460	SH	DFND	1 4	24,460	0	0
ENERGY RECOVERY INC	COM	29270J100	1,509	70,224	SH	DFND	1 3 4	70,224	0	0
ENERPAC TOOL GROUP CORP	CL A COM	292765104	8,143	401,510	SH	DFND	1 3 4	401,510	0	0
ENERPAC TOOL GROUP CORP	CL A COM	292765104	208	10,277	SH	DFND	1 4	10,277	0	0
ENERSYS	COM	29275Y102	54,128	684,645	SH	DFND	1 3 4	684,645	0	0
ENERSYS	COM	29275Y102	326	4,128	SH	DFND	1 4	4,128	0	0
ENFUSION INC	CL A	292812104	13,118	626,452	SH	DFND	1 3 4	626,452	0	0
ENOVA INTL INC	COM	29357K103	12,074	294,766	SH	DFND	1 3 4	294,766	0	0
ENPHASE ENERGY INC	COM	29355A107	60,916	332,980	SH	DFND	1 3 4	332,980	0	0
ENPHASE ENERGY INC	COM	29355A107	2,616	14,299	SH	DFND	1 4	14,299	0	0
ENPRO INDS INC	COM	29355X107	43,521	405,556	SH	DFND	1 3 4	405,556	0	0
ENSIGN GROUP INC	COM	29358P101	32,936	392,278	SH	DFND	1 3 4	392,278	0	0
ENSIGN GROUP INC	COM	29358P101	750	8,937	SH	DFND	1 4	8,937	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	4,369	17,648	SH	DFND	1 3 4	17,648	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	268	1,082	SH	DFND	1 4	1,082	0	0
ENTEGRIS INC	COM	29362U104	2,023	14,596	SH	DFND	1 4	14,596	0	0
ENTEGRIS INC	COM	29362U104	71,393	515,177	SH	DFND	1 3 4	515,177	0	0
ENTERGY CORP NEW	COM	29364G103	1,519	13,484	SH	DFND	1 4	13,484	0	0
ENTERGY CORP NEW	COM	29364G103	27,711	245,988	SH	DFND	1 3 4	245,988	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	1,985	42,158	SH	DFND	1 3 4	42,158	0	0
ENTERPRISE PRODS PARTNERS L	COM	293792107	112,694	5,131,783	SH	DFND	1 3 4	5,131,783	0	0
ENTRAVISION COMMUNICATIONS C	CL A	29382R107	307	45,268	SH	DFND	1 3 4	45,268	0	0
ENVESTNET INC	COM	29404K106	14,442	182,022	SH	DFND	1 3 4	182,022	0	0
ENVESTNET INC	COM	29404K106	711	8,956	SH	DFND	1 4	8,956	0	0
ENVISTA HOLDINGS CORPORATION	COM	29415F104	24,221	537,531	SH	DFND	1 3 4	537,531	0	0
ENVISTA HOLDINGS CORPORATION	COM	29415F104	488	10,835	SH	DFND	1 4	10,835	0	0
EOG RES INC	COM	26875P101	278,609	3,138,451	SH	DFND	1 3 4	3,138,451	0	0
EOG RES INC	COM	26875P101	1,658	18,665	SH	DFND	1 4	18,665	0	0
EPAM SYS INC	COM	29414B104	43,856	65,608	SH	DFND	1 3 4	65,608	0	0
EPAM SYS INC	COM	29414B104	3,898	5,832	SH	DFND	1 4	5,832	0	0
EPIZYME INC	COM	29428V104	39	15,559	SH	DFND	1 4	15,559	0	0
EPIZYME INC	COM	29428V104	31	12,238	SH	DFND	1 3 4	12,238	0	0
EPLUS INC	COM	294268107	10,814	200,702	SH	DFND	1 3 4	200,702	0	0
EPR PPTYS	COM SH BEN INT	26884U109	11,834	249,181	SH	DFND	1 3 4	249,181	0	0
EPR PPTYS	COM SH BEN INT	26884U109	240	5,045	SH	DFND	1 4	5,045	0	0
EQT CORP	COM	26884L109	21,967	1,007,187	SH	DFND	1 3 4	1,007,187	0	0
EQT CORP	COM	26884L109	447	20,481	SH	DFND	1 4	20,481	0	0
EQUIFAX INC	COM	294429105	41,171	140,616	SH	DFND	1 3 4	140,616	0	0
EQUIFAX INC	COM	294429105	2,945	10,059	SH	DFND	1 4	10,059	0	0
EQUINIX INC	COM	29444U700	4,337	5,127	SH	DFND	1 4	5,127	0	0
EQUINIX INC	COM	29444U700	1,120,494	1,326,296	SH	DFND	2 3 4	1,326,296	0	0
EQUINIX INC	COM	29444U700	111,169	131,433	SH	DFND	1 3 4	131,433	0	0
EQUITABLE HLDGS INC	COM	29452E101	866	26,400	SH	DFND	1 3 4	26,400	0	0
EQUITABLE HLDGS INC	COM	29452E101	806	24,572	SH	DFND	1 4	24,572	0	0
EQUITRANS	COM	294600101	22,476	2,173,652	SH	DFND	1 3 4	2,173,652	0	0

MIDSTREAM CORP										
EQUITRANS MIDSTREAM CORP	COM	294600101	367	35,461	SH	DFND	1 4	35,461	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	263	10,171	SH	DFND	1 4	10,171	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	10,944	124,845	SH	DFND	1 3 4	124,845	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	1,356	15,468	SH	DFND	1 4	15,468	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	390,356	4,461,134	SH	DFND	2 3 4	4,461,134	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	505	5,600	SH	DFND	2 3 4	5,600	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	35,633	393,734	SH	DFND	1 3 4	393,734	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	2,244	24,797	SH	DFND	1 4	24,797	0	0
ERIE INDTY CO	CL A	29530P102	474	2,462	SH	DFND	1 4	2,462	0	0
EROS STX GLOBAL CORPORATION	SHS NEW	G3788M114	6	24,913	SH	DFND	1 4	24,913	0	0
ESCO TECHNOLOGIES INC	COM	296315104	15,616	173,529	SH	DFND	1 3 4	173,529	0	0
ESCO TECHNOLOGIES INC	COM	296315104	216	2,402	SH	DFND	1 4	2,402	0	0
ESSENT GROUP LTD	COM	G3198U102	17,168	377,067	SH	DFND	1 3 4	377,067	0	0
ESSENT GROUP LTD	COM	G3198U102	428	9,395	SH	DFND	1 4	9,395	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	27,936	969,002	SH	DFND	1 3 4	969,002	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	303	10,502	SH	DFND	1 4	10,502	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	1,788	62,003	SH	DFND	2 3 4	62,003	0	0
ESSENTIAL UTILS INC	COM	29670G102	65,764	1,224,885	SH	DFND	1 3 4	1,224,885	0	0
ESSENTIAL UTILS INC	COM	29670G102	833	15,517	SH	DFND	1 4	15,517	0	0
ESSEX PPTY TR INC	COM	297178105	1,538	4,366	SH	DFND	1 4	4,366	0	0
ESSEX PPTY TR INC	COM	297178105	944,943	2,686,639	SH	DFND	2 3 4	2,686,639	0	0
ESSEX PPTY TR INC	COM	297178105	47,377	134,507	SH	DFND	1 3 4	134,507	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	4,608	175,288	SH	DFND	1 3 4	175,288	0	0
ETSY INC	COM	29786A106	506,709	2,317,710	SH	DFND	1 3 4	2,317,710	0	0
ETSY INC	COM	29786A106	3,007	13,734	SH	DFND	1 4	13,734	0	0
EURONET WORLDWIDE INC	COM	298736109	582	4,881	SH	DFND	1 4	4,881	0	0
EVENTBRITE INC	COM CL A	29975E109	33,886	1,943,034	SH	DFND	1 3 4	1,943,034	0	0
EVENTBRITE INC	COM CL A	29975E109	226	12,955	SH	DFND	1 4	12,955	0	0
EVERBRIDGE INC	COM	29978A104	274	4,067	SH	DFND	1 4	4,067	0	0
EVERCORE INC	CLASS A	29977A105	22,695	167,062	SH	DFND	1 3 4	167,062	0	0
EVERCORE INC	CLASS A	29977A105	354	2,604	SH	DFND	1 4	2,604	0	0
EVEREST RE GROUP LTD	COM	G3223R108	831	3,035	SH	DFND	1 4	3,035	0	0
EVEREST RE GROUP LTD	COM	G3223R108	13,426	49,014	SH	DFND	1 3 4	49,014	0	0
EVERGY INC	COM	30034W106	18,599	271,076	SH	DFND	1 3 4	271,076	0	0
EVERGY INC	COM	30034W106	1,057	15,411	SH	DFND	1 4	15,411	0	0
EVERI HLDGS INC	COM	30034T103	1,293	60,542	SH	DFND	1 3 4	60,542	0	0
EVERI HLDGS INC	COM	30034T103	310	14,531	SH	DFND	1 4	14,531	0	0
EVERSOURCE ENERGY	COM	30040W108	169,812	1,867,477	SH	DFND	1 3 4	1,867,477	0	0
EVERSOURCE ENERGY	COM	30040W108	2,103	23,117	SH	DFND	1 4	23,117	0	0
EVERTEC INC	COM	30040P103	23,266	465,509	SH	DFND	1 3 4	465,509	0	0
EVERTEC INC	COM	30040P103	515	10,301	SH	DFND	1 4	10,301	0	0
EVO PMTS INC	CL A COM	26927E104	206	8,058	SH	DFND	1 4	8,058	0	0
EVOLENT HEALTH INC	CL A	30050B101	10,272	371,230	SH	DFND	1 3 4	371,230	0	0
EVOLENT HEALTH INC	CL A	30050B101	228	8,248	SH	DFND	1 4	8,248	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	7,915	169,297	SH	DFND	1 3 4	169,297	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	920	19,681	SH	DFND	1 4	19,681	0	0
EXACT SCIENCES CORP	COM	30063P105	2,026	26,031	SH	DFND	1 3 4	26,031	0	0
EXACT SCIENCES CORP	COM	30063P105	1,401	18,003	SH	DFND	1 4	18,003	0	0

EXELIXIS INC	COM	30161Q104	19,266	1,053,949	SH	DFND	1 3 4	1,053,949	0	0
EXELIXIS INC	COM	30161Q104	579	31,697	SH	DFND	1 4	31,697	0	0
EXELON CORP	COM	30161N101	65,052	1,126,240	SH	DFND	1 3 4	1,126,240	0	0
EXELON CORP	COM	30161N101	1,517	26,262	SH	DFND	1 4	26,262	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	66,815	461,528	SH	DFND	1 3 4	461,528	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	809	5,587	SH	DFND	1 4	5,587	0	0
EXP WORLD HLDGS INC	COM	30212W100	360	10,674	SH	DFND	1 4	10,674	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	2,837	15,697	SH	DFND	1 4	15,697	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	31,471	174,143	SH	DFND	1 3 4	174,143	0	0
EXPEDITORS INTL WASH INC	COM	302130109	218,491	1,627,790	SH	DFND	1 3 4	1,627,790	0	0
EXPEDITORS INTL WASH INC	COM	302130109	2,198	16,367	SH	DFND	1 4	16,367	0	0
EXPONENT INC	COM	30214U102	40,523	347,154	SH	DFND	1 3 4	347,154	0	0
EXPONENT INC	COM	30214U102	1,031	8,834	SH	DFND	1 4	8,834	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	84,122	371,021	SH	DFND	1 3 4	371,021	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	2,120	9,352	SH	DFND	1 4	9,352	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	963,830	4,266,932	SH	DFND	2 3 4	4,266,932	0	0
EXTREME NETWORKS INC	COM	30226D106	15,472	985,483	SH	DFND	1 3 4	985,483	0	0
EXTREME NETWORKS INC	COM	30226D106	339	21,598	SH	DFND	1 4	21,598	0	0
EXXON MOBIL CORP	COM	30231G102	324,795	5,307,973	SH	DFND	1 3 4	5,307,973	0	0
EXXON MOBIL CORP	COM	30231G102	6,991	114,255	SH	DFND	1 4	114,255	0	0
EYEPOINT PHARMACEUTICALS INC	COM NEW	30233G209	136	11,082	SH	DFND	1 3 4	11,082	0	0
EZCORP INC	CL A NON VTG	302301106	2,609	353,981	SH	DFND	1 3 4	353,981	0	0
F N B CORP	COM	302520101	12,887	1,062,380	SH	DFND	1 3 4	1,062,380	0	0
F N B CORP	COM	302520101	264	21,796	SH	DFND	1 4	21,796	0	0
F5 INC	COM	315616102	17,033	69,603	SH	DFND	1 3 4	69,603	0	0
F5 INC	COM	315616102	986	4,030	SH	DFND	1 4	4,030	0	0
FABRINET	SHS	G3323L100	29,219	246,638	SH	DFND	1 3 4	246,638	0	0
FABRINET	SHS	G3323L100	695	5,868	SH	DFND	1 4	5,868	0	0
FACTSET RESH SYS INC	COM	303075105	24,457	50,322	SH	DFND	1 3 4	50,322	0	0
FACTSET RESH SYS INC	COM	303075105	1,890	3,888	SH	DFND	1 4	3,888	0	0
FAIR ISAAC CORP	COM	303250104	83,955	193,593	SH	DFND	1 3 4	193,593	0	0
FAIR ISAAC CORP	COM	303250104	1,248	2,877	SH	DFND	1 4	2,877	0	0
FALCON MINERALS CORP	CL A COM	30607B109	321	66,013	SH	DFND	1 3 4	66,013	0	0
FARFETCH LTD	ORD SH CL A	30744W107	1,015	30,358	SH	DFND	1 3 4	30,358	0	0
FARO TECHNOLOGIES INC	COM	311642102	8,489	121,237	SH	DFND	1 3 4	121,237	0	0
FASTENAL CO	COM	311900104	576,261	9,063,747	SH	DFND	1 3 4	9,063,747	0	0
FASTENAL CO	COM	311900104	3,817	59,588	SH	DFND	1 4	59,588	0	0
FASTLY INC	CL A	31188V100	252	7,117	SH	DFND	1 4	7,117	0	0
FATE THERAPEUTICS INC	COM	31189P102	3,268	55,858	SH	DFND	1 3 4	55,858	0	0
FATE THERAPEUTICS INC	COM	31189P102	807	13,801	SH	DFND	1 4	13,801	0	0
FB FINL CORP	COM	30257X104	12,138	277,000	SH	DFND	1 3 4	277,000	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	31,943	263,690	SH	DFND	1 3 4	263,690	0	0
FEDERAL SIGNAL CORP	COM	313855108	19,393	447,455	SH	DFND	1 3 4	447,455	0	0
FEDERAL SIGNAL CORP	COM	313855108	444	10,248	SH	DFND	1 4	10,248	0	0
FEDERATED HERMES INC	CL B	314211103	17,951	477,676	SH	DFND	1 3 4	477,676	0	0
FEDERATED HERMES INC	CL B	314211103	303	8,073	SH	DFND	1 4	8,073	0	0
FEDEX CORP	COM	31428X106	79,583	307,696	SH	DFND	1 3 4	307,696	0	0
FEDEX CORP	COM	31428X106	2,891	11,178	SH	DFND	1 4	11,178	0	0



FERRO CORP	COM	315405100	12,035	551,293	SH	DFND	1 3 4	551,293	0	0
FERRO CORP	COM	315405100	280	12,839	SH	DFND	1 4	12,839	0	0
FIBROGEN INC	COM	31572Q808	156	11,088	SH	DFND	1 3 4	11,088	0	0
FIBROGEN INC	COM	31572Q808	197	13,974	SH	DFND	1 4	13,974	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	392,790	7,579,886	SH	DFND	1 3 4	7,579,886	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	958	18,355	SH	DFND	1 4	18,355	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	181,326	1,660,565	SH	DFND	1 3 4	1,660,565	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	1,791	16,412	SH	DFND	1 4	16,412	0	0
FIESTA RESTAURANT GROUP INC	COM	31660B101	1,255	114,010	SH	DFND	1 3 4	114,010	0	0
FIFTH THIRD BANCORP	COM	316773100	34,427	790,511	SH	DFND	1 3 4	790,511	0	0
FIFTH THIRD BANCORP	COM	316773100	1,998	45,888	SH	DFND	1 4	45,888	0	0
FIGS INC	CL A	30260D103	211	7,665	SH	DFND	1 4	7,665	0	0
FIRST ADVANTAGE CORP NEW	COM	31846B108	4,526	237,700	SH	DFND	1 3 4	237,700	0	0
FIRST AMERN FINL CORP	COM	31847R102	31,070	397,161	SH	DFND	1 3 4	397,161	0	0
FIRST AMERN FINL CORP	COM	31847R102	557	7,120	SH	DFND	1 4	7,120	0	0
FIRST BANCORP N C	COM	318910106	10,524	230,184	SH	DFND	1 3 4	230,184	0	0
FIRST BANCORP P R	COM NEW	318672706	18,873	1,369,621	SH	DFND	1 3 4	1,369,621	0	0
FIRST BANCORP P R	COM NEW	318672706	242	17,578	SH	DFND	1 4	17,578	0	0
FIRST BANCSHARES INC MS	COM	318916103	986	25,521	SH	DFND	1 3 4	25,521	0	0
FIRST BUSEY CORP	COM NEW	319383204	1,308	48,212	SH	DFND	1 3 4	48,212	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	10,187	633,123	SH	DFND	1 3 4	633,123	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	624	752	SH	DFND	1 3 4	752	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	339	408	SH	DFND	1 4	408	0	0
FIRST FINL BANCORP OH	COM	320209109	18,016	738,950	SH	DFND	1 3 4	738,950	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	21,715	427,130	SH	DFND	1 3 4	427,130	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	1,086	21,354	SH	DFND	1 4	21,354	0	0
FIRST FINL CORP IND	COM	320218100	915	20,202	SH	DFND	1 3 4	20,202	0	0
FIRST FNDTN INC	COM	32026V104	22,457	903,342	SH	DFND	1 3 4	903,342	0	0
FIRST HAWAIIAN INC	COM	32051X108	23,445	857,844	SH	DFND	1 3 4	857,844	0	0
FIRST HAWAIIAN INC	COM	32051X108	241	8,827	SH	DFND	1 4	8,827	0	0
FIRST HORIZON CORPORATION	COM	320517105	31,750	1,944,272	SH	DFND	1 3 4	1,944,272	0	0
FIRST HORIZON CORPORATION	COM	320517105	594	36,404	SH	DFND	1 4	36,404	0	0
FIRST INDL RLTY TR INC	COM	32054K103	572	8,634	SH	DFND	1 4	8,634	0	0
FIRST INDL RLTY TR INC	COM	32054K103	526,527	7,977,336	SH	DFND	2 3 4	7,977,336	0	0
FIRST INDL RLTY TR INC	COM	32054K103	113,834	1,719,550	SH	DFND	1 3 4	1,719,550	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	16,553	407,000	SH	DFND	1 3 4	407,000	0	0
FIRST LONG IS CORP	COM	320734106	522	24,163	SH	DFND	1 3 4	24,163	0	0
FIRST MERCHANTS CORP	COM	320817109	33,326	795,557	SH	DFND	1 3 4	795,557	0	0
FIRST MERCHANTS CORP	COM	320817109	207	4,944	SH	DFND	1 4	4,944	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	15,584	760,920	SH	DFND	1 3 4	760,920	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	203	9,927	SH	DFND	1 4	9,927	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	568,919	2,759,521	SH	DFND	1 3 4	2,759,521	0	0

FIRST REP BK SAN FRANCISCO C	COM	33616C100	2,475	11,986	SH	DFND	1 4	11,986	0	0
FIRST SOLAR INC	COM	336433107	29,601	339,619	SH	DFND	1 3 4	339,619	0	0
FIRST SOLAR INC	COM	336433107	622	7,137	SH	DFND	1 4	7,137	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	10,076	134,685	SH	DFND	1 3 4	134,685	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	277	3,705	SH	DFND	1 4	3,705	0	0
FIRSTENERGY CORP	COM	337932107	26,157	628,928	SH	DFND	1 3 4	628,928	0	0
FIRSTENERGY CORP	COM	337932107	1,524	36,649	SH	DFND	1 4	36,649	0	0
FISERV INC	COM	337738108	71,181	685,821	SH	DFND	1 3 4	685,821	0	0
FISERV INC	COM	337738108	1,852	17,839	SH	DFND	1 4	17,839	0	0
FISKER INC	CL A COM STK	33813J106	420	26,708	SH	DFND	1 4	26,708	0	0
FIVE BELOW INC	COM	33829M101	38,609	186,614	SH	DFND	1 3 4	186,614	0	0
FIVE BELOW INC	COM	33829M101	1,235	5,967	SH	DFND	1 4	5,967	0	0
FIVE9 INC	COM	338307101	997	7,260	SH	DFND	1 4	7,260	0	0
FIVERR INTL LTD	ORD SHS	M4R82T106	309	2,714	SH	DFND	1 3 4	2,714	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	218	4,543	SH	DFND	1 4	4,543	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	16,889	352,286	SH	DFND	1 3 4	352,286	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	24,348	108,775	SH	DFND	1 3 4	108,775	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	1,370	6,121	SH	DFND	1 4	6,121	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	24,556	188,876	SH	DFND	1 3 4	188,876	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	1,434	11,030	SH	DFND	1 4	11,030	0	0
FLOWERS FOODS INC	COM	343498101	18,183	661,927	SH	DFND	1 3 4	661,927	0	0
FLOWERS FOODS INC	COM	343498101	347	12,645	SH	DFND	1 4	12,645	0	0
FLOWSERVE CORP	COM	34354P105	13,278	433,933	SH	DFND	1 3 4	433,933	0	0
FLOWSERVE CORP	COM	34354P105	270	8,834	SH	DFND	1 4	8,834	0	0
FLUIDIGM CORP DEL	COM	34385P108	303	77,192	SH	DFND	1 3 4	77,192	0	0
FLUOR CORP NEW	COM	343412102	11,668	471,055	SH	DFND	1 3 4	471,055	0	0
FLUOR CORP NEW	COM	343412102	305	12,315	SH	DFND	1 4	12,315	0	0
FLUSHING FINL CORP	COM	343873105	951	39,151	SH	DFND	1 3 4	39,151	0	0
FLYWIRE CORPORATION	COM VTG	302492103	20,735	544,793	SH	DFND	1 3 4	544,793	0	0
FLYWIRE CORPORATION	COM VTG	302492103	376	9,877	SH	DFND	1 4	9,877	0	0
FMC CORP	COM NEW	302491303	66,741	607,340	SH	DFND	1 3 4	607,340	0	0
FMC CORP	COM NEW	302491303	1,102	10,029	SH	DFND	1 4	10,029	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	67,967	1,138,100	SH	DFND	1 3 4	1,138,100	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	605	10,132	SH	DFND	1 4	10,132	0	0
FOOT LOCKER INC	COM	344849104	13,285	304,501	SH	DFND	1 3 4	304,501	0	0
FOOT LOCKER INC	COM	344849104	264	6,045	SH	DFND	1 4	6,045	0	0
FORD MTR CO DEL	COM	345370860	93,629	4,507,878	SH	DFND	1 3 4	4,507,878	0	0
FORD MTR CO DEL	COM	345370860	2,187	105,303	SH	DFND	1 4	105,303	0	0
FORMFACTOR INC	COM	346375108	23,802	520,593	SH	DFND	1 3 4	520,593	0	0
FORMFACTOR INC	COM	346375108	568	12,432	SH	DFND	1 4	12,432	0	0
FORRESTER RESH INC	COM	346563109	4,357	74,193	SH	DFND	1 3 4	74,193	0	0
FORTERRA INC	COM	34960W106	414	17,416	SH	DFND	1 3 4	17,416	0	0
FORTINET INC	COM	34959E109	5,221	14,527	SH	DFND	1 4	14,527	0	0
FORTINET INC	COM	34959E109	57,273	159,358	SH	DFND	1 3 4	159,358	0	0
FORTIVE CORP	COM	34959J108	31,426	411,953	SH	DFND	1 3 4	411,953	0	0
FORTIVE CORP	COM	34959J108	1,679	22,013	SH	DFND	1 4	22,013	0	0
FORTRESS BIOTECH INC	COM	34960Q109	31	12,501	SH	DFND	1 4	12,501	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	17,854	167,018	SH	DFND	1 3 4	167,018	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	1,131	10,581	SH	DFND	1 4	10,581	0	0
FORWARD AIR CORP	COM	349853101	24,891	205,557	SH	DFND	1 3 4	205,557	0	0
FORWARD AIR CORP	COM	349853101	553	4,564	SH	DFND	1 4	4,564	0	0

FOSSIL GROUP INC	COM	34988V106	3,252	316,078	SH	DFND	1 3 4	316,078	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	44,106	1,516,686	SH	DFND	1 3 4	1,516,686	0	0
FOX CORP	CL A COM	35137L105	795	21,544	SH	DFND	1 4	21,544	0	0
FOX CORP	CL A COM	35137L105	14,061	381,069	SH	DFND	1 3 4	381,069	0	0
FOX CORP	CL B COM	35137L204	6,035	176,090	SH	DFND	1 3 4	176,090	0	0
FOX CORP	CL B COM	35137L204	350	10,217	SH	DFND	1 4	10,217	0	0
FOX FACTORY HLDG CORP	COM	35138V102	23,857	140,252	SH	DFND	1 3 4	140,252	0	0
FOX FACTORY HLDG CORP	COM	35138V102	1,222	7,185	SH	DFND	1 4	7,185	0	0
FRANCHISE GROUP INC	COM	35180X105	1,069	20,500	SH	DFND	1 3 4	20,500	0	0
FRANCO NEV CORP	COM	351858105	107,383	776,503	SH	DFND	1 3 4	776,503	0	0
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	4,374	292,748	SH	DFND	1 3 4	292,748	0	0
FRANKLIN COVEY CO	COM	353469109	420	9,057	SH	DFND	1 3 4	9,057	0	0
FRANKLIN ELEC INC	COM	353514102	746	7,888	SH	DFND	1 4	7,888	0	0
FRANKLIN ELEC INC	COM	353514102	29,968	316,925	SH	DFND	1 3 4	316,925	0	0
FRANKLIN RESOURCES INC	COM	354613101	10,885	325,017	SH	DFND	1 3 4	325,017	0	0
FRANKLIN RESOURCES INC	COM	354613101	652	19,475	SH	DFND	1 4	19,475	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	3,764	632,575	SH	DFND	1 3 4	632,575	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	76,077	1,823,068	SH	DFND	1 3 4	1,823,068	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	2,411	57,785	SH	DFND	1 4	57,785	0	0
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	6,123	221,854	SH	DFND	1 3 4	221,854	0	0
FRESHPET INC	COM	358039105	421	4,424	SH	DFND	1 4	4,424	0	0
FRESHWORKS INC	CLASS A COM	358054104	8,737	332,720	SH	DFND	1 3 4	332,720	0	0
FRONTDOOR INC	COM	35905A109	308	8,396	SH	DFND	1 4	8,396	0	0
FRONTLINE LTD	SHS NEW	G3682E192	74	10,427	SH	DFND	1 4	10,427	0	0
FTI CONSULTING INC	COM	302941109	17,523	114,217	SH	DFND	1 3 4	114,217	0	0
FTI CONSULTING INC	COM	302941109	346	2,258	SH	DFND	1 4	2,258	0	0
FUBOTV INC	COM	35953D104	357	23,008	SH	DFND	1 4	23,008	0	0
FUELCELL ENERGY INC	COM	35952H601	290	55,815	SH	DFND	1 4	55,815	0	0
FULGENT GENETICS INC	COM	359664109	12,993	129,165	SH	DFND	1 3 4	129,165	0	0
FULGENT GENETICS INC	COM	359664109	202	2,010	SH	DFND	1 4	2,010	0	0
FULL HSE RESORTS INC	COM	359678109	172	14,201	SH	DFND	1 3 4	14,201	0	0
FULLER H B CO	COM	359694106	58,309	731,741	SH	DFND	1 3 4	731,741	0	0
FULLER H B CO	COM	359694106	430	5,306	SH	DFND	1 4	5,306	0	0
FULTON FINL CORP PA	COM	360271100	9,134	537,321	SH	DFND	1 3 4	537,321	0	0
FULTON FINL CORP PA	COM	360271100	236	13,854	SH	DFND	1 4	13,854	0	0
FUNKO INC	COM CL A	361008105	2,450	130,316	SH	DFND	1 3 4	130,316	0	0
FUTU HLDGS LTD	SPON ADS CL A	36118L106	253	5,839	SH	DFND	1 3 4	5,839	0	0
FUTUREFUEL CORP	COM	36116M106	1,313	171,800	SH	DFND	1 3 4	171,800	0	0
G III APPAREL GROUP LTD	COM	36237H101	8,976	324,740	SH	DFND	1 3 4	324,740	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	44,271	260,923	SH	DFND	1 3 4	260,923	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	2,339	13,787	SH	DFND	1 4	13,787	0	0
GAMESTOP CORP NEW	CL A	36467W109	30,625	206,385	SH	DFND	1 3 4	206,385	0	0
GAMESTOP CORP NEW	CL A	36467W109	1,030	6,942	SH	DFND	1 4	6,942	0	0
GAMING & LEISURE PPTYS INC	COM	36467J108	733	15,071	SH	DFND	1 4	15,071	0	0
GANNETT CO INC	COM	36472T109	5,056	948,525	SH	DFND	1 3 4	948,525	0	0
GANNETT CO INC	COM	36472T109	65	12,261	SH	DFND	1 4	12,261	0	0
GAP INC	COM	364760108	4,299	243,544	SH	DFND	1 3 4	243,544	0	0
GAP INC	COM	364760108	239	13,553	SH	DFND	1 4	13,553	0	0
GARMIN LTD	SHS	H2906T109	28,038	205,901	SH	DFND	1 3 4	205,901	0	0
GARMIN LTD	SHS	H2906T109	1,388	10,193	SH	DFND	1 4	10,193	0	0
GARTNER INC	COM	366651107	403,423	1,211,631	SH	DFND	1 3 4	1,211,631	0	0

GARTNER INC	COM	366651107	2,902	8,679	SH	DFND	1 4	8,679	0	0
GATX CORP	COM	361448103	12,321	118,252	SH	DFND	1 3 4	118,252	0	0
GATX CORP	COM	361448103	319	3,063	SH	DFND	1 4	3,063	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	11,315	357,386	SH	DFND	1 3 4	357,386	0	0
GENERAC HLDGS INC	COM	368736104	25,853	73,462	SH	DFND	1 3 4	73,462	0	0
GENERAC HLDGS INC	COM	368736104	2,340	6,648	SH	DFND	1 4	6,648	0	0
GENERAL DYNAMICS CORP	COM	369550108	59,951	287,578	SH	DFND	1 3 4	287,578	0	0
GENERAL DYNAMICS CORP	COM	369550108	1,397	6,702	SH	DFND	1 4	6,702	0	0
GENERAL ELECTRIC CO	COM NEW	369604301	119,066	1,260,365	SH	DFND	1 3 4	1,260,365	0	0
GENERAL ELECTRIC CO	COM NEW	369604301	2,783	29,462	SH	DFND	1 4	29,462	0	0
GENERAL MLS INC	COM	370334104	1,106	16,417	SH	DFND	1 4	16,417	0	0
GENERAL MLS INC	COM	370334104	47,983	712,120	SH	DFND	1 3 4	712,120	0	0
GENERAL MTRS CO	COM	37045V100	103,056	1,757,739	SH	DFND	1 3 4	1,757,739	0	0
GENERAL MTRS CO	COM	37045V100	2,169	36,997	SH	DFND	1 4	36,997	0	0
GENESCO INC	COM	371532102	6,592	102,729	SH	DFND	1 3 4	102,729	0	0
GENIUS BRANDS INTL INC	COM	37229T301	26	24,757	SH	DFND	1 4	24,757	0	0
GENPACT LIMITED	SHS	G3922B107	31,790	598,906	SH	DFND	1 3 4	598,906	0	0
GENPACT LIMITED	SHS	G3922B107	682	12,857	SH	DFND	1 4	12,857	0	0
GENTEX CORP	COM	371901109	28,414	815,318	SH	DFND	1 3 4	815,318	0	0
GENTEX CORP	COM	371901109	559	16,040	SH	DFND	1 4	16,040	0	0
GENTHERM INC	COM	37253A103	20,499	235,894	SH	DFND	1 3 4	235,894	0	0
GENTHERM INC	COM	37253A103	492	5,657	SH	DFND	1 4	5,657	0	0
GENUINE PARTS CO	COM	372460105	1,315	9,377	SH	DFND	1 4	9,377	0	0
GENUINE PARTS CO	COM	372460105	26,434	188,542	SH	DFND	1 3 4	188,542	0	0
GENWORTH FINL INC	COM CL A	37247D106	179	44,174	SH	DFND	1 4	44,174	0	0
GENWORTH FINL INC	COM CL A	37247D106	13,673	3,376,041	SH	DFND	1 3 4	3,376,041	0	0
GEO GROUP INC NEW	COM	36162J106	8,937	1,153,148	SH	DFND	1 3 4	1,153,148	0	0
GEO GROUP INC NEW	COM	36162J106	80	10,266	SH	DFND	1 4	10,266	0	0
GERMAN AMERN BANCORP INC	COM	373865104	485	12,436	SH	DFND	1 3 4	12,436	0	0
GERON CORP	COM	374163103	32	26,370	SH	DFND	1 4	26,370	0	0
GETTY RLTY CORP NEW	COM	374297109	9,942	309,815	SH	DFND	1 3 4	309,815	0	0
GEVO INC	COM PAR	374396406	73	17,007	SH	DFND	1 4	17,007	0	0
GIBRALTAR INDS INC	COM	374689107	14,509	217,590	SH	DFND	1 3 4	217,590	0	0
GIBRALTAR INDS INC	COM	374689107	243	3,640	SH	DFND	1 4	3,640	0	0
GILEAD SCIENCES INC	COM	375558103	2,453	33,788	SH	DFND	1 4	33,788	0	0
GILEAD SCIENCES INC	COM	375558103	104,579	1,440,277	SH	DFND	1 3 4	1,440,277	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	20,488	361,333	SH	DFND	1 3 4	361,333	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	604	10,656	SH	DFND	1 4	10,656	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	1,274	49,443	SH	DFND	1 3 4	49,443	0	0
GLATFELTER CORPORATION	COM	377320106	5,103	296,692	SH	DFND	1 3 4	296,692	0	0
GLAUKOS CORP	COM	377322102	14,113	317,567	SH	DFND	1 3 4	317,567	0	0
GLAUKOS CORP	COM	377322102	345	7,759	SH	DFND	1 4	7,759	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	219	7,476	SH	DFND	1 3 4	7,476	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	308	10,533	SH	DFND	1 4	10,533	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	10,542	689,891	SH	DFND	1 3 4	689,891	0	0
GLOBAL PMTS INC	COM	37940X102	45,325	335,293	SH	DFND	1 3 4	335,293	0	0
GLOBAL PMTS INC	COM	37940X102	1,051	7,773	SH	DFND	1 4	7,773	0	0
GLOBALFOUNDRIES INC	ORDINARY SHARES	G39387108	303	4,657	SH	DFND	1 4	4,657	0	0
GLOBALSTAR INC	COM	378973408	112	96,542	SH	DFND	1 4	96,542	0	0
GLOBANT S A	COM	L44385109	62,697	199,616	SH	DFND	1 3 4	194,968	0	4,648
GLOBANT S A	COM	L44385109	1,384	4,406	SH	DFND	1 4	4,406	0	0
GLOBE LIFE INC	COM	37959E102	10,776	114,986	SH	DFND	1 3 4	114,986	0	0

GLOBE LIFE INC	COM	37959E102	634	6,766	SH	DFND	1 4	6,766	0	0
GLOBUS MED INC	CL A	379577208	19,010	263,292	SH	DFND	1 3 4	263,292	0	0
GLOBUS MED INC	CL A	379577208	393	5,447	SH	DFND	1 4	5,447	0	0
GMS INC	COM	36251C103	19,551	325,258	SH	DFND	1 3 4	325,258	0	0
GMS INC	COM	36251C103	224	3,725	SH	DFND	1 4	3,725	0	0
GODADDY INC	CL A	380237107	346	4,080	SH	DFND	1 3 4	4,080	0	0
GODADDY INC	CL A	380237107	1,022	12,046	SH	DFND	1 4	12,046	0	0
GOLDEN ENTMT INC	COM	381013101	26,216	518,807	SH	DFND	1 3 4	518,807	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	152,403	398,386	SH	DFND	1 3 4	398,386	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	3,710	9,698	SH	DFND	1 4	9,698	0	0
GOLUB CAP BDC INC	COM	38173M102	5,428	351,529	SH	DFND	1 3 4	351,529	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	25,678	1,204,410	SH	DFND	1 3 4	1,204,410	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	511	23,964	SH	DFND	1 4	23,964	0	0
GOOSEHEAD INS INC	COM CL A	38267D109	234	1,798	SH	DFND	1 4	1,798	0	0
GOPRO INC	CL A	38268T103	226	21,892	SH	DFND	1 4	21,892	0	0
GORES METROPOULOS II INC	CL A	382873107	129	12,900	SH	DFND	1 3 4	12,900	0	0
GORMAN RUPP CO	COM	383082104	589	13,214	SH	DFND	1 3 4	13,214	0	0
GRACO INC	COM	384109104	47,937	594,602	SH	DFND	1 3 4	594,602	0	0
GRACO INC	COM	384109104	1,256	15,581	SH	DFND	1 4	15,581	0	0
GRAFTECH INTL LTD	COM	384313508	381	32,214	SH	DFND	1 4	32,214	0	0
GRAHAM HLDGS CO	COM CL B	384637104	11,148	17,700	SH	DFND	1 3 4	17,700	0	0
GRAHAM HLDGS CO	COM CL B	384637104	209	332	SH	DFND	1 4	332	0	0
GRAINGER W W INC	COM	384802104	25,925	50,025	SH	DFND	1 3 4	50,025	0	0
GRAINGER W W INC	COM	384802104	2,430	4,688	SH	DFND	1 4	4,688	0	0
GRAND CANYON ED INC	COM	38526M106	11,442	133,493	SH	DFND	1 3 4	133,493	0	0
GRAND CANYON ED INC	COM	38526M106	229	2,670	SH	DFND	1 4	2,670	0	0
GRANITE CONSTR INC	COM	387328107	13,779	356,052	SH	DFND	1 3 4	356,052	0	0
GRANITE PT MTG TR INC	COM STK	38741L107	4,199	358,593	SH	DFND	1 3 4	358,593	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	27,788	1,425,000	SH	DFND	1 3 4	1,425,000	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	445	22,802	SH	DFND	1 4	22,802	0	0
GRAY TELEVISION INC	COM	389375106	1,166	57,841	SH	DFND	1 3 4	57,841	0	0
GREAT WESTERN BANCORP INC	COM	391416104	12,468	367,152	SH	DFND	1 3 4	367,152	0	0
GREEN DOT CORP	CL A	39304D102	13,194	364,072	SH	DFND	1 3 4	364,072	0	0
GREEN PLAINS INC	COM	393222104	12,403	356,813	SH	DFND	1 3 4	356,813	0	0
GREENBRIER COS INC	COM	393657101	9,938	216,552	SH	DFND	1 3 4	216,552	0	0
GREENHILL & CO INC	COM	395259104	1,659	92,553	SH	DFND	1 3 4	92,553	0	0
GREIF INC	CL A	397624107	6,861	113,652	SH	DFND	1 3 4	113,652	0	0
GRID DYNAMICS HLDGS INC	CL A	39813G109	294	7,733	SH	DFND	1 4	7,733	0	0
GRIFFON CORP	COM	398433102	9,965	349,898	SH	DFND	1 3 4	349,898	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	8,231	291,054	SH	DFND	1 3 4	291,054	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	26,086	133,626	SH	DFND	1 3 4	133,626	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	298	1,524	SH	DFND	1 4	1,524	0	0
GUARDANT HEALTH INC	COM	40131M109	1,217	12,172	SH	DFND	1 3 4	12,172	0	0
GUARDANT HEALTH INC	COM	40131M109	973	9,729	SH	DFND	1 4	9,729	0	0
GUESS INC	COM	401617105	6,151	259,770	SH	DFND	1 3 4	259,770	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	641	5,648	SH	DFND	1 4	5,648	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	578,082	5,082,586	SH	DFND	1 3 4	5,082,586	0	0

GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	29,982	330,089	SH	DFND	1 3 4	330,089	0	0
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	901	9,923	SH	DFND	1 4	9,923	0	0
H & E EQUIPMENT SERVICES INC	COM	404030108	242	5,469	SH	DFND	1 4	5,469	0	0
HACKETT GROUP INC	COM	404609109	505	24,604	SH	DFND	1 3 4	24,604	0	0
HAEMONETICS CORP MASS	COM	405024100	9,353	176,342	SH	DFND	1 3 4	176,342	0	0
HAEMONETICS CORP MASS	COM	405024100	385	7,255	SH	DFND	1 4	7,255	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	15,854	372,076	SH	DFND	1 3 4	372,076	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	262	6,142	SH	DFND	1 4	6,142	0	0
HALLIBURTON CO	COM	406216101	1,412	61,733	SH	DFND	1 4	61,733	0	0
HALLIBURTON CO	COM	406216101	29,091	1,272,024	SH	DFND	1 3 4	1,272,024	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	18,858	468,978	SH	DFND	1 3 4	468,978	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	947	23,543	SH	DFND	1 4	23,543	0	0
HAMILTON LANE INC	CL A	407497106	40,614	403,939	SH	DFND	1 3 4	403,939	0	0
HAMILTON LANE INC	CL A	407497106	615	5,932	SH	DFND	1 4	5,932	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	14,467	289,225	SH	DFND	1 3 4	289,225	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	375	7,503	SH	DFND	1 4	7,503	0	0
HANESBRANDS INC	COM	410345102	19,624	1,173,703	SH	DFND	1 3 4	1,173,703	0	0
HANESBRANDS INC	COM	410345102	544	32,529	SH	DFND	1 4	32,529	0	0
HANGER INC	COM NEW	41043F208	4,442	244,987	SH	DFND	1 3 4	244,987	0	0
HANMI FINL CORP	COM NEW	410495204	5,576	235,470	SH	DFND	1 3 4	235,470	0	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	373	7,024	SH	DFND	1 4	7,024	0	0
HANOVER INS GROUP INC	COM	410867105	57,357	437,635	SH	DFND	1 3 4	437,635	0	0
HANOVER INS GROUP INC	COM	410867105	318	2,424	SH	DFND	1 4	2,424	0	0
HARLEY DAVIDSON INC	COM	412822108	391	10,387	SH	DFND	1 4	10,387	0	0
HARLEY DAVIDSON INC	COM	412822108	19,319	512,578	SH	DFND	1 3 4	512,578	0	0
HARMONIC INC	COM	413160102	8,032	683,011	SH	DFND	1 3 4	683,011	0	0
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	6,761	158,557	SH	DFND	1 3 4	158,557	0	0
HARROW HEALTH INC	COM	415858109	136	15,713	SH	DFND	1 3 4	15,713	0	0
HARSCO CORP	COM	415864107	8,806	527,004	SH	DFND	1 3 4	527,004	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	30,195	437,354	SH	DFND	1 3 4	437,354	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	1,580	22,886	SH	DFND	1 4	22,886	0	0
HARVARD BIOSCIENCE INC	COM	416906105	201	28,537	SH	DFND	1 3 4	28,537	0	0
HASBRO INC	COM	418056107	876	8,605	SH	DFND	1 4	8,605	0	0
HASBRO INC	COM	418056107	54,993	552,341	SH	DFND	1 3 4	552,341	0	0
HAVERTY FURNITURE COS INC	COM	419596101	3,898	127,508	SH	DFND	1 3 4	127,508	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	298	7,170	SH	DFND	1 4	7,170	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	15,111	364,124	SH	DFND	1 3 4	364,124	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	6,260	340,757	SH	DFND	1 3 4	340,757	0	0
HAWKINS INC	COM	420261109	4,938	125,160	SH	DFND	1 3 4	125,160	0	0
HAYNES INTERNATIONAL INC	COM NEW	420877201	3,410	84,541	SH	DFND	1 3 4	84,541	0	0
HCA HEALTHCARE INC	COM	40412C101	70,870	275,845	SH	DFND	1 3 4	275,845	0	0
HCA HEALTHCARE INC	COM	40412C101	4,397	17,115	SH	DFND	1 4	17,115	0	0
HCI GROUP INC	COM	40416E103	4,448	53,244	SH	DFND	1 3 4	53,244	0	0
HDFC BANK LTD	SPONSORED ADS	40415F101	72,080	1,107,736	SH	DFND	1 3 4	1,087,619	0	20,117

HEALTH CATALYST INC	COM	42225T107	352	8,889	SH	DFND	1 4	8,889	0	0
HEALTH CATALYST INC	COM	42225T107	2,913	73,518	SH	DFND	1 3 4	73,518	0	0
HEALTHCARE RLTY TR	COM	421946104	338,903	10,715,890	SH	DFND	2 3 4	10,715,890	0	0
HEALTHCARE RLTY TR	COM	421946104	405	12,793	SH	DFND	1 4	12,793	0	0
HEALTHCARE RLTY TR	COM	421946104	31,227	986,929	SH	DFND	1 3 4	986,929	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	11,455	643,929	SH	DFND	1 3 4	643,929	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	9,387	281,139	SH	DFND	1 3 4	281,139	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	493	14,767	SH	DFND	1 4	14,767	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	440,562	13,220,780	SH	DFND	2 3 4	13,220,780	0	0
HEALTHEQUITY INC	COM	42226A107	12,746	288,108	SH	DFND	1 3 4	288,108	0	0
HEALTHEQUITY INC	COM	42226A107	615	13,911	SH	DFND	1 4	13,911	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	22,394	620,514	SH	DFND	1 3 4	620,514	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	1,310	36,299	SH	DFND	1 4	36,299	0	0
HEALTHSTREAM INC	COM	42222N103	4,976	188,754	SH	DFND	1 3 4	188,754	0	0
HEARTLAND EXPRESS INC	COM	422347104	5,217	310,169	SH	DFND	1 3 4	310,169	0	0
HEAT BIOLOGICS INC	COM	42237K409	98	32,235	SH	DFND	1 3 4	32,235	0	0
HECLA MNG CO	COM	422704106	310	59,333	SH	DFND	1 4	59,333	0	0
HEICO CORP NEW	COM	422806109	1,638	11,358	SH	DFND	1 3 4	11,358	0	0
HEICO CORP NEW	COM	422806109	528	3,661	SH	DFND	1 4	3,661	0	0
HEICO CORP NEW	CL A	422806208	627,217	4,892,327	SH	DFND	1 3 4	4,892,327	0	0
HEICO CORP NEW	CL A	422806208	825	6,420	SH	DFND	1 4	6,420	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	28,610	654,243	SH	DFND	1 3 4	654,243	0	0
HELEN OF TROY LTD	COM	G4388N106	19,649	80,372	SH	DFND	1 3 4	80,372	0	0
HELEN OF TROY LTD	COM	G4388N106	1,003	4,101	SH	DFND	1 4	4,101	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,652	15,704	SH	DFND	1 3 4	15,704	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	579	5,501	SH	DFND	1 4	5,501	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	2,944	943,744	SH	DFND	1 3 4	943,744	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	40	12,695	SH	DFND	1 4	12,695	0	0
HELLO GROUP INC	ADS	423403104	1,473	164,017	SH	DFND	1 3 4	164,017	0	0
HELMERICH & PAYNE INC	COM	423452101	23,718	1,000,743	SH	DFND	1 3 4	1,000,743	0	0
HELMERICH & PAYNE INC	COM	423452101	217	9,176	SH	DFND	1 4	9,176	0	0
HENRY JACK & ASSOC INC	COM	426281101	14,909	89,279	SH	DFND	1 3 4	89,279	0	0
HENRY JACK & ASSOC INC	COM	426281101	973	5,825	SH	DFND	1 4	5,825	0	0
HENRY SCHEIN INC	COM	806407102	12,325	158,971	SH	DFND	1 3 4	158,971	0	0
HENRY SCHEIN INC	COM	806407102	728	9,390	SH	DFND	1 4	9,390	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	320	7,812	SH	DFND	1 4	7,812	0	0
HERC HLDGS INC	COM	42704L104	8,744	55,853	SH	DFND	1 3 4	55,853	0	0
HERC HLDGS INC	COM	42704L104	665	4,247	SH	DFND	1 4	4,247	0	0
HERITAGE FINL CORP WASH	COM	42722X106	5,731	234,478	SH	DFND	1 3 4	234,478	0	0
HERON THERAPEUTICS INC	COM	427746102	111	12,196	SH	DFND	1 3 4	12,196	0	0
HERON THERAPEUTICS INC	COM	427746102	143	15,710	SH	DFND	1 4	15,710	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	2,015	219,759	SH	DFND	1 3 4	219,759	0	0
HERSHEY CO	COM	427866108	36,949	190,981	SH	DFND	1 3 4	190,981	0	0
HERSHEY CO	COM	427866108	2,905	15,013	SH	DFND	1 4	15,013	0	0
HESKA CORP	COM RESTRC NEW	42805E306	14,406	78,940	SH	DFND	1 3 4	78,940	0	0

HESKA CORP	COM RESTRC NEW	42805E306	304	1,666	SH	DFND	1 4	1,666	0	0
HESS CORP	COM	42809H107	28,494	384,899	SH	DFND	1 3 4	384,899	0	0
HESS CORP	COM	42809H107	1,447	19,541	SH	DFND	1 4	19,541	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	23,741	1,505,482	SH	DFND	1 3 4	1,505,482	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	1,382	87,611	SH	DFND	1 4	87,611	0	0
HEXCEL CORP NEW	COM	428291108	14,476	279,458	SH	DFND	1 3 4	279,458	0	0
HEXCEL CORP NEW	COM	428291108	293	5,647	SH	DFND	1 4	5,647	0	0
HIBBETT INC	COM	428567101	10,126	140,773	SH	DFND	1 3 4	140,773	0	0
HIGHWOODS PPTYS INC	COM	431284108	16,447	368,843	SH	DFND	1 3 4	368,843	0	0
HIGHWOODS PPTYS INC	COM	431284108	311	6,981	SH	DFND	1 4	6,981	0	0
HILLENBRAND INC	COM	431571108	47,764	918,732	SH	DFND	1 3 4	918,732	0	0
HILLENBRAND INC	COM	431571108	503	9,681	SH	DFND	1 4	9,681	0	0
HILLTOP HOLDINGS INC	COM	432748101	20,137	573,048	SH	DFND	1 3 4	573,048	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	758	14,552	SH	DFND	1 4	14,552	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	1,277,621	8,248,175	SH	DFND	1 3 4	8,248,175	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	4,056	26,003	SH	DFND	1 4	26,003	0	0
HIMS & HERS HEALTH INC	COM CL A	433000106	153	23,324	SH	DFND	1 3 4	23,324	0	0
HINGHAM INSTN SVGS MASS	COM	433323102	1,202	2,863	SH	DFND	1 3 4	2,863	0	0
HNI CORP	COM	404251100	23,919	568,822	SH	DFND	1 3 4	568,822	0	0
HOLLYFRONTIER CORP	COM	436106108	332	10,138	SH	DFND	1 4	10,138	0	0
HOLLYFRONTIER CORP	COM	436106108	46,784	1,425,662	SH	DFND	1 3 4	1,425,662	0	0
HOLOGIC INC	COM	436440101	22,871	298,735	SH	DFND	1 3 4	298,735	0	0
HOLOGIC INC	COM	436440101	1,298	16,951	SH	DFND	1 4	16,951	0	0
HOME BANCSHARES INC	COM	436893200	16,588	681,251	SH	DFND	1 3 4	681,251	0	0
HOME BANCSHARES INC	COM	436893200	322	13,225	SH	DFND	1 4	13,225	0	0
HOME DEPOT INC	COM	437076102	600,164	1,446,144	SH	DFND	1 3 4	1,446,144	0	0
HOME DEPOT INC	COM	437076102	30,864	74,370	SH	DFND	1 4	74,370	0	0
HOMESTREET INC	COM	43785V102	7,091	136,374	SH	DFND	1 3 4	136,374	0	0
HONEST CO INC	COM	438333106	100	12,409	SH	DFND	1 4	12,409	0	0
HONEST CO INC	COM	438333106	17,953	2,219,157	SH	DFND	1 3 4	2,219,157	0	0
HONEYWELL INTL INC	COM	438516106	5,252	25,189	SH	DFND	1 4	25,189	0	0
HONEYWELL INTL INC	COM	438516106	291,552	1,398,198	SH	DFND	1 3 4	1,398,198	0	0
HOPE BANCORP INC	COM	43940T109	14,864	1,010,502	SH	DFND	1 3 4	1,010,502	0	0
HOPE BANCORP INC	COM	43940T109	148	10,039	SH	DFND	1 4	10,039	0	0
HORACE MANN EDUCATORS CORP N	COM	440327104	10,698	276,435	SH	DFND	1 3 4	276,435	0	0
HORIZON BANCORP INC	COM	440407104	606	29,067	SH	DFND	1 3 4	29,067	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	128,796	1,195,210	SH	DFND	1 3 4	1,195,210	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	1,765	16,382	SH	DFND	1 4	16,382	0	0
HORMEL FOODS CORP	COM	440452100	272,751	5,592,829	SH	DFND	1 3 4	5,592,829	0	0
HORMEL FOODS CORP	COM	440452100	929	19,041	SH	DFND	1 4	19,041	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	827	47,539	SH	DFND	1 4	47,539	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	1,304	75,000	SH	DFND	2 3 4	75,000	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	14,232	818,397	SH	DFND	1 3 4	818,397	0	0
HOSTESS BRANDS INC	CL A	44109J106	245	11,981	SH	DFND	1 4	11,981	0	0
HOSTESS BRANDS INC	CL A	44109J106	2,118	103,746	SH	DFND	1 3 4	103,746	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	338	21,023	SH	DFND	1 4	21,023	0	0
HOULIHAN LOKEY INC	CL A	441593100	9,162	88,502	SH	DFND	1 3 4	88,502	0	0
HOULIHAN LOKEY INC	CL A	441593100	844	8,152	SH	DFND	1 4	8,152	0	0
HOVNIANIAN	CL A NEW	442487401	682	5,358	SH	DFND	1 3 4	5,358	0	0



ENTERPRISES INC										
HOWARD HUGHES CORP	COM	44267D107	243,068	2,402,617	SH	DFND	1 3 4	2,402,617	0	0
HOWARD HUGHES CORP	COM	44267D107	285	2,796	SH	DFND	1 4	2,796	0	0
HOWMET AEROSPACE INC	COM	443201108	14,109	443,250	SH	DFND	1 3 4	443,250	0	0
HOWMET AEROSPACE INC	COM	443201108	873	27,436	SH	DFND	1 4	27,436	0	0
HP INC	COM	40434L105	54,961	1,459,019	SH	DFND	1 3 4	1,459,019	0	0
HP INC	COM	40434L105	3,546	94,125	SH	DFND	1 4	94,125	0	0
HUB GROUP INC	CL A	443320106	39,363	467,267	SH	DFND	1 3 4	467,267	0	0
HUB GROUP INC	CL A	443320106	243	2,886	SH	DFND	1 4	2,886	0	0
HUBBELL INC	COM	443510607	82,891	403,362	SH	DFND	1 3 4	403,362	0	0
HUBBELL INC	COM	443510607	762	3,660	SH	DFND	1 4	3,660	0	0
HUBSPOT INC	COM	443573100	127,040	192,733	SH	DFND	1 3 4	192,733	0	0
HUBSPOT INC	COM	443573100	3,221	4,886	SH	DFND	1 4	4,886	0	0
HUDSON PAC PPTYS INC	COM	444097109	12,551	507,917	SH	DFND	1 3 4	507,917	0	0
HUDSON PAC PPTYS INC	COM	444097109	244	9,877	SH	DFND	1 4	9,877	0	0
HUMANA INC	COM	444859102	75,541	162,852	SH	DFND	1 3 4	162,852	0	0
HUMANA INC	COM	444859102	1,609	3,469	SH	DFND	1 4	3,469	0	0
HUNT J B TRANS SVCS INC	COM	445658107	19,861	97,168	SH	DFND	1 3 4	97,168	0	0
HUNT J B TRANS SVCS INC	COM	445658107	1,783	8,721	SH	DFND	1 4	8,721	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	1,491	96,678	SH	DFND	1 4	96,678	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	27,196	1,763,688	SH	DFND	1 3 4	1,763,688	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	38,035	202,494	SH	DFND	1 3 4	202,494	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	495	2,650	SH	DFND	1 4	2,650	0	0
HUNTSMAN CORP	COM	447011107	49,584	1,463,497	SH	DFND	1 3 4	1,463,497	0	0
HUNTSMAN CORP	COM	447011107	489	14,033	SH	DFND	1 4	14,033	0	0
HURON CONSULTING GROUP INC	COM	447462102	14,832	297,239	SH	DFND	1 3 4	297,239	0	0
HYATT HOTELS CORP	COM CL A	448579102	224,970	2,365,016	SH	DFND	1 3 4	2,365,016	0	0
HYATT HOTELS CORP	COM CL A	448579102	319	3,328	SH	DFND	1 4	3,328	0	0
HYLIION HOLDINGS CORP	COMMON STOCK	449109107	74	11,971	SH	DFND	1 4	11,971	0	0
I MAB	SPONSORED ADS	44975P103	31,397	662,534	SH	DFND	1 3 4	662,534	0	0
IAA INC	COM	449253103	22,738	449,183	SH	DFND	1 3 4	449,183	0	0
IAA INC	COM	449253103	740	14,616	SH	DFND	1 4	14,616	0	0
IAC INTERACTIVECORP NEW	COM NEW	44891N208	902	6,898	SH	DFND	1 3 4	6,898	0	0
IAC INTERACTIVECORP NEW	COM NEW	44891N208	673	5,146	SH	DFND	1 4	5,146	0	0
IBIO INC	COM NEW	451033203	14	26,076	SH	DFND	1 3 4	26,076	0	0
IBIO INC	COM NEW	451033203	10	18,842	SH	DFND	1 4	18,842	0	0
ICF INTL INC	COM	44925C103	29,604	288,680	SH	DFND	1 3 4	288,680	0	0
ICHOR HOLDINGS	SHS	G4740B105	10,260	222,904	SH	DFND	1 3 4	222,904	0	0
ICICI BANK LIMITED	ADR	45104G104	195,181	9,862,610	SH	DFND	1 3 4	9,640,356	0	222,254
ICON PLC	SHS	G4705A100	238,924	771,469	SH	DFND	1 3 4	754,061	0	17,408
ICU MED INC	COM	44930G107	19,299	81,315	SH	DFND	1 3 4	81,315	0	0
ICU MED INC	COM	44930G107	318	1,338	SH	DFND	1 4	1,338	0	0
IDACORP INC	COM	451107106	56,643	504,377	SH	DFND	1 3 4	504,377	0	0
IDACORP INC	COM	451107106	387	3,413	SH	DFND	1 4	3,413	0	0
IDEANOMICS INC	COM	45166V106	46	38,113	SH	DFND	1 4	38,113	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	629	26,598	SH	DFND	1 3 4	26,598	0	0
IDEX CORP	COM	45167R104	21,035	89,010	SH	DFND	1 3 4	89,010	0	0
IDEX CORP	COM	45167R104	1,208	5,113	SH	DFND	1 4	5,113	0	0
IDEXX LABS INC	COM	45168D104	596,057	907,845	SH	DFND	1 3 4	907,845	0	0
IDEXX LABS INC	COM	45168D104	6,043	9,178	SH	DFND	1 4	9,178	0	0
IDT CORP	CL B NEW	448947507	948	21,457	SH	DFND	1 3 4	21,457	0	0

IHEARTMEDIA INC	COM CL A	45174J509	294	13,996	SH	DFND	1 4	13,996	0	0
IHS MARKIT LTD	SHS	G47567105	69,779	534,019	SH	DFND	1 3 4	534,019	0	0
IHS MARKIT LTD	SHS	G47567105	3,339	25,119	SH	DFND	1 4	25,119	0	0
II-VI INC	COM	902104108	24,159	353,561	SH	DFND	1 3 4	353,561	0	0
II-VI INC	COM	902104108	1,189	17,395	SH	DFND	1 4	17,395	0	0
ILLINOIS TOOL WKS INC	COM	452308109	81,543	330,402	SH	DFND	1 3 4	330,402	0	0
ILLINOIS TOOL WKS INC	COM	452308109	5,085	20,603	SH	DFND	1 4	20,603	0	0
ILLUMINA INC	COM	452327109	68,201	179,265	SH	DFND	1 3 4	179,265	0	0
ILLUMINA INC	COM	452327109	3,879	10,197	SH	DFND	1 4	10,197	0	0
IMMUNITYBIO INC	COM	45256X103	285	46,816	SH	DFND	1 3 4	46,816	0	0
IMMUNOCORE HLDGS PLC	ADS	45258D105	8,027	234,439	SH	DFND	1 3 4	234,439	0	0
IMMUNOGEN INC	COM	45253H101	1,433	193,172	SH	DFND	1 3 4	193,172	0	0
IMMUNOGEN INC	COM	45253H101	194	26,169	SH	DFND	1 4	26,169	0	0
IMMUNOVANT INC	COM	45258J102	117	13,768	SH	DFND	1 3 4	13,768	0	0
IMPINJ INC	COM	453204109	286	3,228	SH	DFND	1 4	3,228	0	0
IMPINJ INC	COM	453204109	484	5,456	SH	DFND	1 3 4	5,456	0	0
INARI MED INC	COM	45332Y109	534	5,854	SH	DFND	1 4	5,854	0	0
INCYTE CORP	COM	45337C102	1,390	18,935	SH	DFND	1 4	18,935	0	0
INCYTE CORP	COM	45337C102	15,795	215,189	SH	DFND	1 3 4	215,189	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	17,992	696,553	SH	DFND	1 3 4	696,553	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	237	9,162	SH	DFND	1 4	9,162	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	25,020	968,626	SH	DFND	2 3 4	968,626	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	20,617	285,751	SH	DFND	1 3 4	285,751	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	237	3,280	SH	DFND	1 4	3,280	0	0
INDEPENDENT BK CORP MASS	COM	453836108	30,231	370,798	SH	DFND	1 3 4	370,798	0	0
INDEPENDENT BK CORP MASS	COM	453836108	324	3,974	SH	DFND	1 4	3,974	0	0
INDEPENDENT BK CORP MICH	COM NEW	453838609	7,779	325,917	SH	DFND	1 3 4	325,917	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	12,789	510,525	SH	DFND	1 3 4	510,525	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	12,603	503,131	SH	DFND	2 3 4	503,131	0	0
INFINERA CORP	COM	45667G103	298	31,112	SH	DFND	1 4	31,112	0	0
INFINITY PHARMACEUTICALS INC	COM	45665G303	24	10,619	SH	DFND	1 3 4	10,619	0	0
INFINITY PHARMACEUTICALS INC	COM	45665G303	32	14,398	SH	DFND	1 4	14,398	0	0
INFORMATION SVCS GROUP INC	COM	45675Y104	392	51,446	SH	DFND	1 3 4	51,446	0	0
INFOSYS LTD	SPONSORED ADR	456788108	8,663	342,265	SH	DFND	1 3 4	174,382	0	167,883
INGERSOLL RAND INC	COM	45687V106	29,002	468,763	SH	DFND	1 3 4	468,763	0	0
INGERSOLL RAND INC	COM	45687V106	1,689	27,292	SH	DFND	1 4	27,292	0	0
INGEVITY CORP	COM	45688C107	11,937	166,479	SH	DFND	1 3 4	166,479	0	0
INGEVITY CORP	COM	45688C107	485	6,759	SH	DFND	1 4	6,759	0	0
INGLES MKTS INC	CL A	457030104	637	7,382	SH	DFND	1 3 4	7,382	0	0
INGREDION INC	COM	457187102	75,890	792,923	SH	DFND	1 3 4	792,923	0	0
INGREDION INC	COM	457187102	440	4,552	SH	DFND	1 4	4,552	0	0
INHIBRX INC	COM	45720L107	207	4,748	SH	DFND	1 4	4,748	0	0
INMODE LTD	SHS	M5425M103	325	4,610	SH	DFND	1 3 4	4,610	0	0
INNOSPEC INC	COM	45768S105	14,826	164,111	SH	DFND	1 3 4	164,111	0	0
INNOSPEC INC	COM	45768S105	250	2,771	SH	DFND	1 4	2,771	0	0
INNOVAGE HLDG CORP	COM	45784A104	311	62,166	SH	DFND	1 3 4	62,166	0	0
INNOVATIVE INDL PPTYS INC	COM	45781V101	41,873	159,269	SH	DFND	1 3 4	159,269	0	0
INNOVATIVE INDL	COM	45781V101	814	3,095	SH	DFND	1 4	3,095	0	0

PPTY INC										
INNOVIVA INC	COM	45781M101	9,209	533,844	SH	DFND	1 3 4	533,844	0	0
INOGEN INC	COM	45780L104	5,378	158,176	SH	DFND	1 3 4	158,176	0	0
INOTIV INC	COM	45783Q100	211	5,020	SH	DFND	1 3 4	5,020	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	126	25,179	SH	DFND	1 3 4	25,179	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	90	18,015	SH	DFND	1 4	18,015	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	31,116	291,892	SH	DFND	1 3 4	291,892	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	427	4,008	SH	DFND	1 4	4,008	0	0
INSMED INC	COM PAR \$.01	457669307	20,771	762,521	SH	DFND	1 3 4	762,521	0	0
INSMED INC	COM PAR \$.01	457669307	547	20,082	SH	DFND	1 4	20,082	0	0
INSPERITY INC	COM	45778Q107	18,430	156,045	SH	DFND	1 3 4	156,045	0	0
INSPERITY INC	COM	45778Q107	730	6,181	SH	DFND	1 4	6,181	0	0
INSPIRE MED SYS INC	COM	457730109	749	3,257	SH	DFND	1 3 4	3,257	0	0
INSPIRE MED SYS INC	COM	457730109	1,053	4,576	SH	DFND	1 4	4,576	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	21,828	156,226	SH	DFND	1 3 4	156,226	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	564	4,037	SH	DFND	1 4	4,037	0	0
INSTEEL INDS INC	COM	45774W108	5,834	146,544	SH	DFND	1 3 4	146,544	0	0
INSULET CORP	COM	45784P101	2,646	9,946	SH	DFND	1 3 4	9,946	0	0
INSULET CORP	COM	45784P101	1,906	7,164	SH	DFND	1 4	7,164	0	0
INTEGER HLDGS CORP	COM	45826H109	20,635	241,090	SH	DFND	1 3 4	241,090	0	0
INTEGER HLDGS CORP	COM	45826H109	245	2,863	SH	DFND	1 4	2,863	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	16,255	242,642	SH	DFND	1 3 4	242,642	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	324	4,839	SH	DFND	1 4	4,839	0	0
INTEL CORP	COM	458140100	280,821	5,452,828	SH	DFND	1 3 4	5,452,828	0	0
INTEL CORP	COM	458140100	5,616	109,050	SH	DFND	1 4	109,050	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,952	16,512	SH	DFND	1 3 4	16,512	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,403	11,863	SH	DFND	1 4	11,863	0	0
INTER PARFUMS INC	COM	458334109	13,808	129,168	SH	DFND	1 3 4	129,168	0	0
INTER PARFUMS INC	COM	458334109	325	3,043	SH	DFND	1 4	3,043	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	23,115	291,049	SH	DFND	1 3 4	291,049	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	429	5,404	SH	DFND	1 4	5,404	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,544	94,811	SH	DFND	1 3 4	94,811	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	88,915	650,114	SH	DFND	1 3 4	650,114	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	2,046	14,962	SH	DFND	1 4	14,962	0	0
INTERDIGITAL INC	COM	45867G101	17,581	245,442	SH	DFND	1 3 4	245,442	0	0
INTERDIGITAL INC	COM	45867G101	267	3,725	SH	DFND	1 4	3,725	0	0
INTERFACE INC	COM	458665304	6,736	422,345	SH	DFND	1 3 4	422,345	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	7,516	177,307	SH	DFND	1 3 4	177,307	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	137,654	1,029,879	SH	DFND	1 3 4	1,029,879	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	3,222	24,109	SH	DFND	1 4	24,109	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	2,584	17,153	SH	DFND	1 4	17,153	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	43,928	291,593	SH	DFND	1 3 4	291,593	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	12,741	440,713	SH	DFND	1 3 4	440,713	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	492	17,004	SH	DFND	1 4	17,004	0	0

INTERNATIONAL PAPER CO	COM	460146103	26,209	557,875	SH	DFND	1 3 4	557,875	0	0
INTERNATIONAL PAPER CO	COM	460146103	1,228	26,143	SH	DFND	1 4	26,143	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	441	30,039	SH	DFND	1 3 4	30,039	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	73,906	1,976,283	SH	DFND	1 3 4	1,976,283	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	989	26,407	SH	DFND	1 4	26,407	0	0
INTRA-CELLULAR THERAPIES INC	COM	46116X101	2,856	54,562	SH	DFND	1 3 4	54,562	0	0
INTRA-CELLULAR THERAPIES INC	COM	46116X101	629	12,018	SH	DFND	1 4	12,018	0	0
INTUIT	COM	461202103	858,811	1,347,280	SH	DFND	1 3 4	1,347,280	0	0
INTUIT	COM	461202103	11,941	18,564	SH	DFND	1 4	18,564	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	440,555	1,195,372	SH	DFND	1 3 4	1,195,372	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	8,902	24,776	SH	DFND	1 4	24,776	0	0
INVACARE CORP	COM	461203101	127	46,555	SH	DFND	1 3 4	46,555	0	0
INVENTRUST PPTYS CORP	COM NEW	46124J201	3,526	129,330	SH	DFND	1 3 4	129,330	0	0
INVENTRUST PPTYS CORP	COM NEW	46124J201	111,437	4,087,936	SH	DFND	2 3 4	4,087,936	0	0
INVESCO EXCH TRADED FD TR II	S&P GBL WATER	46138E263	4,110	67,796	SH	DFND	1 3 4	67,796	0	0
INVESCO LTD	SHS	G491BT108	9,136	396,875	SH	DFND	1 3 4	396,875	0	0
INVESCO LTD	SHS	G491BT108	517	22,469	SH	DFND	1 4	22,469	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	5,766	2,074,260	SH	DFND	1 3 4	2,074,260	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	76	27,225	SH	DFND	1 4	27,225	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	1,492	3,751	SH	DFND	1 3 4	3,751	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	406	26,767	SH	DFND	1 4	26,767	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	22,759	1,502,217	SH	DFND	1 3 4	1,502,217	0	0
INVITAE CORP	COM	46185L103	394	25,832	SH	DFND	1 3 4	25,832	0	0
INVITAE CORP	COM	46185L103	332	21,732	SH	DFND	1 4	21,732	0	0
INVITATION HOMES INC	COM	46187W107	25,478	561,926	SH	DFND	1 3 4	561,926	0	0
INVITATION HOMES INC	COM	46187W107	1,822	40,177	SH	DFND	1 4	40,177	0	0
INVITATION HOMES INC	COM	46187W107	1,220,305	26,975,439	SH	DFND	2 3 4	26,975,439	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	516	16,967	SH	DFND	1 3 4	16,967	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	450	14,788	SH	DFND	1 4	14,788	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	10,492	549,617	SH	DFND	1 3 4	549,617	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	229	11,970	SH	DFND	1 4	11,970	0	0
IPG PHOTONICS CORP	COM	44980X109	7,055	40,985	SH	DFND	1 3 4	40,985	0	0
IPG PHOTONICS CORP	COM	44980X109	442	2,565	SH	DFND	1 4	2,565	0	0
IQVIA HLDGS INC	COM	46266C105	62,154	220,296	SH	DFND	1 3 4	220,296	0	0
IQVIA HLDGS INC	COM	46266C105	4,717	16,719	SH	DFND	1 4	16,719	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	416	3,533	SH	DFND	1 3 4	3,533	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	591	5,019	SH	DFND	1 4	5,019	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	18,183	440,376	SH	DFND	1 3 4	440,376	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	730	17,689	SH	DFND	1 4	17,689	0	0
IROBOT CORP	COM	462726100	11,823	179,469	SH	DFND	1 3 4	179,469	0	0
IROBOT CORP	COM	462726100	288	4,373	SH	DFND	1 4	4,373	0	0
IRON MTN INC NEW	COM	46284V101	17,570	335,750	SH	DFND	1 3 4	335,750	0	0

IRON MTN INC NEW	COM	46284V101	1,443	27,578	SH	DFND	1 4	27,578	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	3,903	334,708	SH	DFND	1 3 4	334,708	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	291	24,961	SH	DFND	1 4	24,961	0	0
ISHARES INC	MSCI WORLD ETF	464286392	24,665	182,275	SH	DFND	1 3 4	182,275	0	0
ISHARES INC	MSCI JPN ETF NEW	46434G822	3,113	46,484	SH	DFND	1 3 4	46,484	0	0
ISHARES TR	CORE S&P500 ETF	464287200	587	1,230	SH	SOLE		0	0	1,230
ISHARES TR	CORE S&P500 ETF	464287200	248,713	521,421	SH	DFND	1 3 4	521,421	0	0
ISHARES TR	CORE US AGGBD ET	464287226	3,835	33,620	SH	DFND	1 3 4	33,620	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	28,094	212,000	SH	DFND	1 3 4	212,000	0	0
ISHARES TR	MSCI EAFE ETF	464287465	38,049	483,594	SH	DFND	1 3 4	483,594	0	0
ISHARES TR	RUS MDCP VAL ETF	464287473	6,560	53,600	SH	DFND	1 4	53,600	0	0
ISHARES TR	RUS MD CP GR ETF	464287481	2,777	24,100	SH	DFND	1 4	24,100	0	0
ISHARES TR	RUS MID CAP ETF	464287499	10,386	125,116	SH	DFND	1 3 4	125,116	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	11,056	39,073	SH	DFND	1 3 4	39,073	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	12,236	72,861	SH	DFND	1 4	72,861	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	2,122	13,511	SH	DFND	1 3 4	13,511	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	35,418	115,900	SH	DFND	1 4	115,900	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	4,626	16,881	SH	DFND	1 3 4	16,881	0	0
ISHARES TR	RUS 1000 ETF	464287622	6,928	26,201	SH	DFND	1 3 4	26,201	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	11,287	68,642	SH	DFND	1 3 4	68,642	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	2,756	16,600	SH	DFND	1 4	16,600	0	0
ISHARES TR	RUS 2000 GRW ETF	464287648	6,242	21,300	SH	DFND	1 4	21,300	0	0
ISHARES TR	RUSSELL 2000 ETF	464287655	234	1,052	SH	DFND	1 3 4	1,052	0	0
ISHARES TR	U.S. REAL ES ETF	464287739	2,200	18,943	SH	DFND	1 3 4	18,943	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	13,787	120,400	SH	DFND	1 3 4	120,400	0	0
ISHARES TR	SHRT NAT MUN ETF	464288158	8,415	78,374	SH	DFND	1 3 4	78,374	0	0
ISHARES TR	CALIF MUN BD ETF	464288356	3,392	54,424	SH	DFND	1 3 4	54,424	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	6,942	59,700	SH	DFND	1 3 4	59,700	0	0
ISHARES TR	EAFE VALUE ETF	464288877	5,049	100,200	SH	DFND	1 4	100,200	0	0
ISHARES TR	US TREAS BD ETF	46429B267	269	10,074	SH	SOLE		0	0	10,074
ISHARES TR	MSCI INDIA ETF	46429B598	12,359	269,616	SH	DFND	1 3 4	269,616	0	0
ISHARES TR	CORE TOTAL USD	46434V613	201	3,788	SH	SOLE		0	0	3,788
ISHARES TR	CORE DIV GRWTH	46434V621	272	4,898	SH	SOLE		0	0	4,898
ISHARES TR	ESG AWR MSCI USA	46435G425	349	3,235	SH	SOLE		0	0	3,235
ISTAR INC	COM	45031U101	11,957	462,902	SH	DFND	1 3 4	462,902	0	0
ITRON INC	COM	465741106	20,640	301,229	SH	DFND	1 3 4	301,229	0	0
ITRON INC	COM	465741106	482	7,034	SH	DFND	1 4	7,034	0	0
ITT INC	COM	45073V108	29,138	285,140	SH	DFND	1 3 4	285,140	0	0

ITT INC	COM	45073V108	595	5,822	SH	DFND	1 4	5,822	0	0
IVERIC BIO INC	COM	46583P102	199	11,900	SH	DFND	1 4	11,900	0	0
IVERIC BIO INC	COM	46583P102	208	12,446	SH	DFND	1 3 4	12,446	0	0
J & J SNACK FOODS CORP	COM	466032109	396	2,510	SH	DFND	1 4	2,510	0	0
J & J SNACK FOODS CORP	COM	466032109	15,639	99,006	SH	DFND	1 3 4	99,006	0	0
J P MORGAN EXCHANGE-TRADED F	ULTRA SHT MUNCPL	46641Q654	9,051	177,253	SH	DFND	1 3 4	177,253	0	0
JABIL INC	COM	466313103	33,590	477,464	SH	DFND	1 3 4	477,464	0	0
JABIL INC	COM	466313103	1,022	14,521	SH	DFND	1 4	14,521	0	0
JACK IN THE BOX INC	COM	466367109	10,674	122,021	SH	DFND	1 3 4	122,021	0	0
JACOBS ENGR GROUP INC	COM	469814107	21,318	153,116	SH	DFND	1 3 4	153,116	0	0
JACOBS ENGR GROUP INC	COM	469814107	1,209	8,686	SH	DFND	1 4	8,686	0	0
JAGUAR HEALTH INC	COM NEW	47010C607	176	168,908	SH	DFND	1 3 4	168,908	0	0
JAMES RIV GROUP LTD	COM	G5005R107	26,363	862,816	SH	DFND	1 3 4	862,816	0	0
JAMF HLDG CORP	COM	47074L105	213	5,615	SH	DFND	1 4	5,615	0	0
JAMF HLDG CORP	COM	47074L105	22,740	598,255	SH	DFND	1 3 4	598,255	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	63,360	1,510,736	SH	DFND	1 3 4	1,510,736	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	479	11,414	SH	DFND	1 4	11,414	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	26,275	206,243	SH	DFND	1 3 4	206,243	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	508	3,985	SH	DFND	1 4	3,985	0	0
JBG SMITH PPTYS	COM	46590V100	10,918	380,273	SH	DFND	1 3 4	380,273	0	0
JBG SMITH PPTYS	COM	46590V100	237	8,265	SH	DFND	1 4	8,265	0	0
JD.COM INC	SPON ADR CL A	47215P106	8,162	116,481	SH	DFND	1 3 4	116,481	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	27,059	697,389	SH	DFND	1 3 4	697,389	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	571	14,723	SH	DFND	1 4	14,723	0	0
JELD-WEN HLDG INC	COM	47580P103	289	10,968	SH	DFND	1 4	10,968	0	0
JETBLUE AWYS CORP	COM	477143101	302	21,174	SH	DFND	1 4	21,174	0	0
JETBLUE AWYS CORP	COM	477143101	15,086	1,059,391	SH	DFND	1 3 4	1,059,391	0	0
JFROG LTD	ORD SHS	M6191J100	267	8,999	SH	DFND	1 4	8,999	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	36,721	239,134	SH	DFND	1 3 4	239,134	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	820	5,339	SH	DFND	1 4	5,339	0	0
JOHNSON & JOHNSON	COM	478160104	585,753	3,424,056	SH	DFND	1 3 4	3,424,056	0	0
JOHNSON & JOHNSON	COM	478160104	12,161	71,085	SH	DFND	1 4	71,085	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	75,333	926,495	SH	DFND	1 3 4	926,495	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	1,566	19,256	SH	DFND	1 4	19,256	0	0
JOINT CORP	COM	47973J102	7,382	112,371	SH	DFND	1 3 4	112,371	0	0
JONES LANG LASALLE INC	COM	48020Q107	45,280	168,113	SH	DFND	1 3 4	168,113	0	0
JONES LANG LASALLE INC	COM	48020Q107	919	3,411	SH	DFND	1 4	3,411	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	232	27,817	SH	DFND	1 3 4	27,817	0	0
JOYY INC	ADS REPSTG COM A	46591M109	1,171	25,771	SH	DFND	1 3 4	25,771	0	0
JPMORGAN CHASE & CO	COM	46625H100	920,790	5,814,370	SH	DFND	1 3 4	5,814,370	0	0
JPMORGAN CHASE & CO	COM	46625H100	12,544	79,219	SH	DFND	1 4	79,219	0	0
JUNIPER NETWORKS INC	COM	48203R104	14,802	414,501	SH	DFND	1 3 4	414,501	0	0
JUNIPER NETWORKS INC	COM	48203R104	780	21,850	SH	DFND	1 4	21,850	0	0
KADANT INC	COM	48282T104	1,051	4,560	SH	DFND	1 3 4	4,560	0	0
KADANT INC	COM	48282T104	452	1,961	SH	DFND	1 4	1,961	0	0

KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	11,052	117,653	SH	DFND	1 3 4	117,653	0	0
KAMAN CORP	COM	483548103	7,996	185,307	SH	DFND	1 3 4	185,307	0	0
KAR AUCTION SVCS INC	COM	48238T109	12,592	806,132	SH	DFND	1 3 4	806,132	0	0
KAR AUCTION SVCS INC	COM	48238T109	164	10,477	SH	DFND	1 4	10,477	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	495	3,776	SH	DFND	1 4	3,776	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	461	3,517	SH	DFND	1 3 4	3,517	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	78	12,172	SH	DFND	1 4	12,172	0	0
KB HOME	COM	48666K109	12,770	285,499	SH	DFND	1 3 4	285,499	0	0
KB HOME	COM	48666K109	362	8,092	SH	DFND	1 4	8,092	0	0
KBR INC	COM	48242W106	22,253	467,301	SH	DFND	1 3 4	467,301	0	0
KBR INC	COM	48242W106	1,075	22,575	SH	DFND	1 4	22,575	0	0
KEARNY FINL CORP MD	COM	48716P108	1,505	113,584	SH	DFND	1 3 4	113,584	0	0
KELLOGG CO	COM	487836108	18,981	294,644	SH	DFND	1 3 4	294,644	0	0
KELLOGG CO	COM	487836108	1,388	21,547	SH	DFND	1 4	21,547	0	0
KELLY SVCS INC	CL A	488152208	4,020	239,741	SH	DFND	1 3 4	239,741	0	0
KEMPER CORP	COM	488401100	12,043	204,847	SH	DFND	1 3 4	204,847	0	0
KEMPER CORP	COM	488401100	243	4,139	SH	DFND	1 4	4,139	0	0
KENNAMETAL INC	COM	489170100	10,005	278,627	SH	DFND	1 3 4	278,627	0	0
KENNAMETAL INC	COM	489170100	262	7,285	SH	DFND	1 4	7,285	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	246	10,303	SH	DFND	1 4	10,303	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	122,157	5,150,009	SH	DFND	1 3 4	5,150,009	0	0
KEURIG DR PEPPER INC	COM	49271V100	36,689	995,367	SH	DFND	1 3 4	995,367	0	0
KEURIG DR PEPPER INC	COM	49271V100	693	18,794	SH	DFND	1 4	18,794	0	0
KEYCORP	COM	493267108	24,991	1,080,463	SH	DFND	1 3 4	1,080,463	0	0
KEYCORP	COM	493267108	1,445	62,476	SH	DFND	1 4	62,476	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	44,342	214,722	SH	DFND	1 3 4	214,722	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	3,269	15,830	SH	DFND	1 4	15,830	0	0
KFORCE INC	COM	493732101	1,574	20,927	SH	DFND	1 3 4	20,927	0	0
KFORCE INC	COM	493732101	259	3,448	SH	DFND	1 4	3,448	0	0
KILROY RLTY CORP	COM	49427F108	31,448	473,174	SH	DFND	1 3 4	473,174	0	0
KILROY RLTY CORP	COM	49427F108	399,304	6,008,489	SH	DFND	2 3 4	6,008,489	0	0
KILROY RLTY CORP	COM	49427F108	518	7,798	SH	DFND	1 4	7,798	0	0
KIMBALL ELECTRONICS INC	COM	49428J109	209	9,602	SH	DFND	1 3 4	9,602	0	0
KIMBERLY-CLARK CORP	COM	494368103	55,878	390,971	SH	DFND	1 3 4	390,971	0	0
KIMBERLY-CLARK CORP	COM	494368103	2,338	16,358	SH	DFND	1 4	16,358	0	0
KIMCO RLTY CORP	COM	49446R109	17,139	695,274	SH	DFND	1 3 4	695,274	0	0
KIMCO RLTY CORP	COM	49446R109	964	39,096	SH	DFND	1 4	39,096	0	0
KINDER MORGAN INC DEL	COM	49456B101	35,503	2,238,514	SH	DFND	1 3 4	2,238,514	0	0
KINDER MORGAN INC DEL	COM	49456B101	830	52,349	SH	DFND	1 4	52,349	0	0
KINSALE CAP GROUP INC	COM	49714P108	32,992	138,688	SH	DFND	1 3 4	138,688	0	0
KINSALE CAP GROUP INC	COM	49714P108	870	3,659	SH	DFND	1 4	3,659	0	0
KIRBY CORP	COM	497266106	11,898	200,234	SH	DFND	1 3 4	200,234	0	0
KIRBY CORP	COM	497266106	241	4,057	SH	DFND	1 4	4,057	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	410	18,820	SH	DFND	1 4	18,820	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	15,906	730,287	SH	DFND	1 3 4	730,287	0	0
KKR & CO INC	COM	48251W104	1,582,107	21,403,122	SH	DFND	1 3 4	21,403,122	0	0
KKR & CO INC	COM	48251W104	2,790	37,448	SH	DFND	1 4	37,448	0	0
KKR REAL ESTATE FIN TR INC	COM	48251K100	10,278	493,410	SH	DFND	1 3 4	493,410	0	0
KLA CORP	COM NEW	482480100	76,263	177,310	SH	DFND	1 3 4	177,310	0	0
KLA CORP	COM NEW	482480100	4,560	10,603	SH	DFND	1 4	10,603	0	0

KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	50,813	833,825	SH	DFND	1 3 4	833,825	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	660	10,827	SH	DFND	1 4	10,827	0	0
KNOWBE4 INC	CL A	49926T104	40,482	1,764,670	SH	DFND	1 3 4	1,764,670	0	0
KNOWLES CORP	COM	49926D109	14,358	614,917	SH	DFND	1 3 4	614,917	0	0
KODIAK SCIENCES INC	COM	50015M109	524	6,183	SH	DFND	1 3 4	6,183	0	0
KODIAK SCIENCES INC	COM	50015M109	483	5,696	SH	DFND	1 4	5,696	0	0
KOHL'S CORP	COM	500255104	24,766	501,446	SH	DFND	1 3 4	501,446	0	0
KOHL'S CORP	COM	500255104	497	10,059	SH	DFND	1 4	10,059	0	0
KONTOOR BRANDS INC	COM	50050N103	18,656	364,028	SH	DFND	1 3 4	364,028	0	0
KONTOOR BRANDS INC	COM	50050N103	452	8,822	SH	DFND	1 4	8,822	0	0
KOPIN CORP	COM	500600101	54	13,117	SH	DFND	1 4	13,117	0	0
KOPPERS HOLDINGS INC	COM	50060P106	11,769	376,007	SH	DFND	1 3 4	376,007	0	0
KORN FERRY	COM NEW	500643200	38,776	512,024	SH	DFND	1 3 4	512,024	0	0
KORN FERRY	COM NEW	500643200	354	4,672	SH	DFND	1 4	4,672	0	0
KORNIT DIGITAL LTD	SHS	M6372Q113	1,746	11,466	SH	DFND	1 3 4	11,466	0	0
KOSMOS ENERGY LTD	COM	500688106	264	76,303	SH	DFND	1 4	76,303	0	0
KRAFT HEINZ CO	COM	500754106	29,278	815,541	SH	DFND	1 3 4	815,541	0	0
KRAFT HEINZ CO	COM	500754106	672	18,723	SH	DFND	1 4	18,723	0	0
KRATON CORP	COM	50077C106	9,914	214,040	SH	DFND	1 3 4	214,040	0	0
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	252	12,981	SH	DFND	1 4	12,981	0	0
KROGER CO	COM	501044101	38,810	857,482	SH	DFND	1 3 4	857,482	0	0
KROGER CO	COM	501044101	2,253	49,789	SH	DFND	1 4	49,789	0	0
KULICKE & SOFFA INDS INC	COM	501242101	25,067	414,068	SH	DFND	1 3 4	414,068	0	0
KULICKE & SOFFA INDS INC	COM	501242101	630	10,414	SH	DFND	1 4	10,414	0	0
KYMERA THERAPEUTICS INC	COM	501575104	389	6,134	SH	DFND	1 3 4	6,134	0	0
KYMERA THERAPEUTICS INC	COM	501575104	371	5,843	SH	DFND	1 4	5,843	0	0
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	10,808	597,114	SH	DFND	1 3 4	597,114	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	1,125	5,276	SH	DFND	1 4	5,276	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	48,646	228,132	SH	DFND	1 3 4	228,132	0	0
LA Z BOY INC	COM	505336107	12,482	343,753	SH	DFND	1 3 4	343,753	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	43,280	137,742	SH	DFND	1 3 4	137,742	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	2,040	6,491	SH	DFND	1 4	6,491	0	0
LADDER CAP CORP	CL A	505743104	11,027	919,700	SH	DFND	1 3 4	919,700	0	0
LAKELAND BANCORP INC	COM	511637100	6,961	366,570	SH	DFND	1 3 4	366,570	0	0
LAKELAND FINL CORP	COM	511656100	18,757	234,055	SH	DFND	1 3 4	234,055	0	0
LAM RESEARCH CORP	COM	512807108	169,631	235,877	SH	DFND	1 3 4	235,877	0	0
LAM RESEARCH CORP	COM	512807108	7,073	9,835	SH	DFND	1 4	9,835	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	35,080	289,202	SH	DFND	1 3 4	289,202	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	1,080	8,903	SH	DFND	1 4	8,903	0	0
LAMB WESTON HLDGS INC	COM	513272104	744	11,745	SH	DFND	1 4	11,745	0	0
LAMB WESTON HLDGS INC	COM	513272104	10,386	163,873	SH	DFND	1 3 4	163,873	0	0
LANCASTER COLONY CORP	COM	513847103	10,934	66,026	SH	DFND	1 3 4	66,026	0	0
LANCASTER COLONY CORP	COM	513847103	504	3,041	SH	DFND	1 4	3,041	0	0
LANDSTAR SYS INC	COM	515098101	22,726	126,944	SH	DFND	1 3 4	126,944	0	0
LANDSTAR SYS INC	COM	515098101	706	3,946	SH	DFND	1 4	3,946	0	0
LANTHEUS HLDGS INC	COM	516544103	16,036	555,077	SH	DFND	1 3 4	555,077	0	0
LAREDO PETROLEUM	COM	516806205	5,741	95,473	SH	DFND	1 3 4	95,473	0	0



INC											
LAS VEGAS SANDS CORP	COM	517834107	14,833	394,064	SH	DFND	1 3 4	394,064	0	0	
LAS VEGAS SANDS CORP	COM	517834107	869	23,093	SH	DFND	1 4	23,093	0	0	
LATTICE SEMICONDUCTOR CORP	COM	518415104	35,152	456,159	SH	DFND	1 3 4	456,159	0	0	
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,779	23,080	SH	DFND	1 4	23,080	0	0	
LAUDER ESTEE COS INC	CL A	518439104	5,910	15,963	SH	DFND	1 4	15,963	0	0	
LAUDER ESTEE COS INC	CL A	518439104	98,813	266,917	SH	DFND	1 3 4	266,917	0	0	
LAZARD LTD	SHS A	G54050102	296	6,776	SH	DFND	1 4	6,776	0	0	
LAZARD LTD	SHS A	G54050102	8,250	189,100	SH	DFND	1 3 4	189,100	0	0	
LCI INDS	COM	50189K103	93,703	613,901	SH	DFND	1 3 4	613,901	0	0	
LCI INDS	COM	50189K103	657	4,218	SH	DFND	1 4	4,218	0	0	
LEAR CORP	COM NEW	521865204	36,597	200,039	SH	DFND	1 3 4	200,039	0	0	
LEAR CORP	COM NEW	521865204	743	4,061	SH	DFND	1 4	4,061	0	0	
LEGGETT & PLATT INC	COM	524660107	18,362	446,113	SH	DFND	1 3 4	446,113	0	0	
LEGGETT & PLATT INC	COM	524660107	369	8,961	SH	DFND	1 4	8,961	0	0	
LEIDOS HOLDINGS INC	COM	525327102	36,034	401,626	SH	DFND	1 3 4	401,626	0	0	
LEIDOS HOLDINGS INC	COM	525327102	845	9,507	SH	DFND	1 4	9,507	0	0	
LEMAITRE VASCULAR INC	COM	525558201	7,591	151,110	SH	DFND	1 3 4	151,110	0	0	
LENDINGCLUB CORP	COM NEW	52603A208	207	8,559	SH	DFND	1 4	8,559	0	0	
LENDINGTREE INC NEW	COM	52603B107	9,355	76,307	SH	DFND	1 3 4	76,307	0	0	
LENDINGTREE INC NEW	COM	52603B107	243	1,979	SH	DFND	1 4	1,979	0	0	
LENNAR CORP	CL A	526057104	463,446	4,034,259	SH	DFND	1 3 4	4,034,259	0	0	
LENNAR CORP	CL A	526057104	2,093	18,015	SH	DFND	1 4	18,015	0	0	
LENNAR CORP	CL B	526057302	4,916	51,415	SH	DFND	1 3 4	51,415	0	0	
LENNOX INTL INC	COM	526107107	58,239	179,552	SH	DFND	1 3 4	179,552	0	0	
LENNOX INTL INC	COM	526107107	720	2,221	SH	DFND	1 4	2,221	0	0	
LESLIES INC	COM	527064109	4,285	181,090	SH	DFND	1 3 4	181,090	0	0	
LESLIES INC	COM	527064109	326	13,785	SH	DFND	1 4	13,785	0	0	
LEVI STRAUSS & CO NEW	CL A COM STK	52736R102	12,091	483,072	SH	DFND	1 3 4	483,072	0	0	
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	279	70,789	SH	DFND	1 3 4	70,789	0	0	
LEXINFINTECH HLDGS LTD	ADR	528877103	615	159,419	SH	DFND	1 3 4	159,419	0	0	
LGI HOMES INC	COM	50187T106	568	3,675	SH	DFND	1 4	3,675	0	0	
LGI HOMES INC	COM	50187T106	21,966	142,190	SH	DFND	1 3 4	142,190	0	0	
LHC GROUP INC	COM	50187A107	14,477	105,497	SH	DFND	1 3 4	105,497	0	0	
LHC GROUP INC	COM	50187A107	713	5,195	SH	DFND	1 4	5,195	0	0	
LIBERTY BROADBAND CORP	COM SER A	530307107	149,511	927,023	SH	DFND	1 3 4	927,023	0	0	
LIBERTY BROADBAND CORP	COM SER A	530307107	260	1,617	SH	DFND	1 4	1,617	0	0	
LIBERTY BROADBAND CORP	COM SER C	530307305	865,059	5,353,950	SH	DFND	1 3 4	5,353,950	0	0	
LIBERTY BROADBAND CORP	COM SER C	530307305	1,530	9,495	SH	DFND	1 4	9,495	0	0	
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	237	8,434	SH	DFND	1 3 4	8,434	0	0	
LIBERTY LATIN AMERICA LTD	COM CL C	G9001E128	154	13,468	SH	DFND	1 4	13,468	0	0	
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	318	6,253	SH	DFND	1 4	6,253	0	0	
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	238	4,713	SH	DFND	1 3 4	4,713	0	0	
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	392	7,917	SH	DFND	1 3 4	7,917	0	0	
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	550	10,809	SH	DFND	1 4	10,809	0	0	
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	346,565	5,526,762	SH	DFND	1 3 4	5,526,762	0	0	
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	847	13,390	SH	DFND	1 4	13,390	0	0	

LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	39,180	665,718	SH	DFND	1 3 4	665,718	0	0
LIBERTY OILFIELD SVCS INC	COM CL A	53115L104	102	10,510	SH	DFND	1 4	10,510	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	24	10,909	SH	DFND	1 4	10,909	0	0
LIFE STORAGE INC	COM	53223X107	41,852	273,243	SH	DFND	1 3 4	273,243	0	0
LIFE STORAGE INC	COM	53223X107	840	5,487	SH	DFND	1 4	5,487	0	0
LIFE TIME GROUP HOLDINGS INC	COMMON STOCK	53190C102	56,896	3,306,011	SH	DFND	1 3 4	3,306,011	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	22,168	2,328,600	SH	DFND	1 3 4	2,328,600	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	227	1,467	SH	DFND	1 4	1,467	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	20,001	129,492	SH	DFND	1 3 4	129,492	0	0
LILLY ELI & CO	COM	532457108	14,259	51,621	SH	DFND	1 4	51,621	0	0
LILLY ELI & CO	COM	532457108	387,729	1,404,002	SH	DFND	1 3 4	1,404,002	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	38	10,993	SH	DFND	1 4	10,993	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	99,828	721,042	SH	DFND	1 3 4	721,042	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	867	6,216	SH	DFND	1 4	6,216	0	0
LINCOLN NATL CORP IND	COM	534187109	13,385	196,092	SH	DFND	1 3 4	196,092	0	0
LINCOLN NATL CORP IND	COM	534187109	916	13,423	SH	DFND	1 4	13,423	0	0
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	14,480	928,230	SH	DFND	1 3 4	928,230	0	0
LINDE PLC	SHS	G5494J103	349,840	1,014,364	SH	DFND	1 3 4	1,014,364	0	0
LINDSAY CORP	COM	535555106	13,530	89,014	SH	DFND	1 3 4	89,014	0	0
LINDSAY CORP	COM	535555106	270	1,776	SH	DFND	1 4	1,776	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	167	68,065	SH	DFND	1 3 4	68,065	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	26	10,677	SH	DFND	1 4	10,677	0	0
LIONS GATE ENTMNT CORP	CL B NON VTG	535919500	159	10,312	SH	DFND	1 4	10,312	0	0
LIQUIDITY SVCS INC	COM	53635B107	3,909	177,041	SH	DFND	1 3 4	177,041	0	0
LITHIA MTRS INC	COM	536797103	29,952	100,865	SH	DFND	1 3 4	100,865	0	0
LITHIA MTRS INC	COM	536797103	619	2,085	SH	DFND	1 4	2,085	0	0
LITHIUM AMERS CORP NEW	COM NEW	53680Q207	283	9,700	SH	DFND	1 3 4	9,700	0	0
LITTELFUSE INC	COM	537008104	150,073	481,954	SH	DFND	1 3 4	481,954	0	0
LITTELFUSE INC	COM	537008104	500	1,590	SH	DFND	1 4	1,590	0	0
LIVANOVA PLC	SHS	G5509L101	15,501	177,296	SH	DFND	1 3 4	177,296	0	0
LIVANOVA PLC	SHS	G5509L101	719	8,227	SH	DFND	1 4	8,227	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	1,359	11,352	SH	DFND	1 4	11,352	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	785,973	6,630,333	SH	DFND	1 3 4	6,630,333	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	474	5,426	SH	DFND	1 4	5,426	0	0
LIVENT CORP	COM	53814L108	29,601	1,214,166	SH	DFND	1 3 4	1,214,166	0	0
LIVENT CORP	COM	53814L108	672	27,555	SH	DFND	1 4	27,555	0	0
LIVEONE INC	COM	53814X102	13	10,062	SH	DFND	1 4	10,062	0	0
LIVEPERSON INC	COM	538146101	15,641	437,880	SH	DFND	1 3 4	437,880	0	0
LIVEPERSON INC	COM	538146101	400	11,191	SH	DFND	1 4	11,191	0	0
LIVERAMP HLDGS INC	COM	53815P108	10,876	226,823	SH	DFND	1 3 4	226,823	0	0
LIVERAMP HLDGS INC	COM	53815P108	275	5,729	SH	DFND	1 4	5,729	0	0
LKQ CORP	COM	501889208	57,288	954,327	SH	DFND	1 3 4	954,327	0	0
LKQ CORP	COM	501889208	1,099	18,306	SH	DFND	1 4	18,306	0	0
LL FLOORING HOLDINGS INC	COM	55003T107	3,304	193,544	SH	DFND	1 3 4	193,544	0	0

LOCKHEED MARTIN CORP	COM	539830109	111,641	314,120	SH	DFND	1 3 4	314,120	0	0
LOCKHEED MARTIN CORP	COM	539830109	5,664	15,936	SH	DFND	1 4	15,936	0	0
LOEWS CORP	COM	540424108	835	14,465	SH	DFND	1 4	14,465	0	0
LOEWS CORP	COM	540424108	13,380	231,640	SH	DFND	1 3 4	231,640	0	0
LORDSTOWN MOTORS CORP	COM CL A	54405Q100	51	14,741	SH	DFND	1 4	14,741	0	0
LOUISIANA PAC CORP	COM	546347105	23,690	302,356	SH	DFND	1 3 4	302,356	0	0
LOUISIANA PAC CORP	COM	546347105	498	6,362	SH	DFND	1 4	6,362	0	0
LOVESAC COMPANY	COM	54738L109	1,204	18,174	SH	DFND	1 3 4	18,174	0	0
LOWES COS INC	COM	548661107	218,239	844,318	SH	DFND	1 3 4	844,318	0	0
LOWES COS INC	COM	548661107	12,526	48,460	SH	DFND	1 4	48,460	0	0
LOYALTY VENTURES INC	COMMON STOCK	54911Q107	4,979	165,568	SH	DFND	1 3 4	165,568	0	0
LPL FINL HLDGS INC	COM	50212V100	1,707	10,661	SH	DFND	1 3 4	10,661	0	0
LPL FINL HLDGS INC	COM	50212V100	1,381	8,626	SH	DFND	1 4	8,626	0	0
LTC PPTYS INC	COM	502175102	11,877	347,890	SH	DFND	1 3 4	347,890	0	0
LUCID GROUP INC	COM	549498103	373	9,813	SH	DFND	1 3 4	9,813	0	0
LULULEMON ATHLETICA INC	COM	550021109	49,654	126,847	SH	DFND	1 3 4	126,847	0	0
LULULEMON ATHLETICA INC	COM	550021109	4,843	12,372	SH	DFND	1 4	12,372	0	0
LULUS FASHION LOUNGE HOLDING	COM	55003A108	14,918	1,458,259	SH	DFND	1 3 4	1,458,259	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	13,311	1,060,652	SH	DFND	1 3 4	1,060,652	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	862	68,650	SH	DFND	1 4	68,650	0	0
LUMENTUM HLDGS INC	COM	55024U109	25,474	240,841	SH	DFND	1 3 4	240,841	0	0
LUMENTUM HLDGS INC	COM	55024U109	516	4,881	SH	DFND	1 4	4,881	0	0
LXP INDUSTRIAL TRUST	COM	529043101	29,410	1,882,840	SH	DFND	1 3 4	1,882,840	0	0
LXP INDUSTRIAL TRUST	COM	529043101	379	24,234	SH	DFND	1 4	24,234	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	222	28,651	SH	DFND	1 3 4	28,651	0	0
LYFT INC	CL A COM	55087P104	271	6,333	SH	DFND	1 3 4	6,333	0	0
LYFT INC	CL A COM	55087P104	1,330	31,125	SH	DFND	1 4	31,125	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	1,765	19,142	SH	DFND	1 4	19,142	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	27,803	301,449	SH	DFND	1 3 4	301,449	0	0
M & T BK CORP	COM	55261F104	22,686	147,718	SH	DFND	1 3 4	147,718	0	0
M & T BK CORP	COM	55261F104	1,324	8,622	SH	DFND	1 4	8,622	0	0
M D C HLDGS INC	COM	552676108	53,471	971,534	SH	DFND	1 3 4	971,534	0	0
M D C HLDGS INC	COM	552676108	350	6,274	SH	DFND	1 4	6,274	0	0
M/I HOMES INC	COM	55305B101	12,047	193,736	SH	DFND	1 3 4	193,736	0	0
MACERICH CO	COM	554382101	12,263	709,650	SH	DFND	1 3 4	709,650	0	0
MACERICH CO	COM	554382101	320	18,544	SH	DFND	1 4	18,544	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	648	8,282	SH	DFND	1 4	8,282	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	13,844	176,813	SH	DFND	1 3 4	176,813	0	0
MACROGENICS INC	COM	556099109	4,161	259,279	SH	DFND	1 3 4	259,279	0	0
MACYS INC	COM	55616P104	27,027	1,032,371	SH	DFND	1 3 4	1,032,371	0	0
MACYS INC	COM	55616P104	713	27,240	SH	DFND	1 4	27,240	0	0
MADDEN STEVEN LTD	COM	556269108	27,883	600,052	SH	DFND	1 3 4	600,052	0	0
MADDEN STEVEN LTD	COM	556269108	638	13,721	SH	DFND	1 4	13,721	0	0
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	275	1,582	SH	DFND	1 4	1,582	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	14,722	154,981	SH	DFND	1 3 4	154,981	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	2,643	596,678	SH	DFND	1 3 4	596,678	0	0
MAGNA INTL INC	COM	559222401	303,309	3,749,361	SH	DFND	1 3 4	3,749,361	0	0
MAGNITE INC	COM	55955D100	386	22,083	SH	DFND	1 4	22,083	0	0
MAGNOLIA OIL & GAS	CL A	559663109	463	24,524	SH	DFND	1 4	24,524	0	0

CORP										
MALIBU BOATS INC	COM CL A	56117J100	242	3,525	SH	DFND	1 4	3,525	0	0
MANDIANT INC	COM	562662106	329	18,730	SH	DFND	1 4	18,730	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	878	5,648	SH	DFND	1 4	5,648	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	101,268	651,281	SH	DFND	1 3 4	651,281	0	0
MANNKIND CORP	COM NEW	56400P706	1,374	314,523	SH	DFND	1 3 4	314,523	0	0
MANNKIND CORP	COM NEW	56400P706	103	23,603	SH	DFND	1 4	23,603	0	0
MANPOWERGROUP INC WIS	COM	56418H100	18,249	187,495	SH	DFND	1 3 4	187,495	0	0
MANPOWERGROUP INC WIS	COM	56418H100	356	3,657	SH	DFND	1 4	3,657	0	0
MANTECH INTERNATIONAL CORP	CL A	564563104	23,075	315,349	SH	DFND	1 3 4	315,349	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	288	8,755	SH	DFND	1 4	8,755	0	0
MARATHON OIL CORP	COM	565849106	15,838	964,540	SH	DFND	1 3 4	964,540	0	0
MARATHON OIL CORP	COM	565849106	856	52,140	SH	DFND	1 4	52,140	0	0
MARATHON PETE CORP	COM	56585A102	2,650	41,409	SH	DFND	1 4	41,409	0	0
MARATHON PETE CORP	COM	56585A102	193,736	3,028,462	SH	DFND	1 3 4	3,028,462	0	0
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	499	11,900	SH	DFND	1 4	11,900	0	0
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	23,414	558,807	SH	DFND	1 3 4	558,807	0	0
MARCUS & MILLICHAP INC	COM	566324109	8,566	166,464	SH	DFND	1 3 4	166,464	0	0
MARCUS CORP DEL	COM	566330106	2,598	145,451	SH	DFND	1 3 4	145,451	0	0
MARINEMAX INC	COM	567908108	10,217	173,058	SH	DFND	1 3 4	173,058	0	0
MARKEL CORP	COM	570535104	717,771	582,425	SH	DFND	1 3 4	582,425	0	0
MARKEL CORP	COM	570535104	1,249	1,012	SH	DFND	1 4	1,012	0	0
MARKETAXESS HLDGS INC	COM	57060D108	20,449	49,722	SH	DFND	1 3 4	49,722	0	0
MARKETAXESS HLDGS INC	COM	57060D108	1,664	4,046	SH	DFND	1 4	4,046	0	0
MARRIOTT INTL INC NEW	CL A	571903202	51,825	313,638	SH	DFND	1 3 4	313,638	0	0
MARRIOTT INTL INC NEW	CL A	571903202	3,141	19,006	SH	DFND	1 4	19,006	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	29,918	177,050	SH	DFND	1 3 4	177,050	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	473	2,800	SH	DFND	1 4	2,800	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	272,896	1,616,599	SH	DFND	2 3 4	1,616,599	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	13	17,377	SH	DFND	1 4	17,377	0	0
MARSH & MCLENNAN COS INC	COM	571748102	146,330	841,846	SH	DFND	1 3 4	841,846	0	0
MARSH & MCLENNAN COS INC	COM	571748102	2,823	16,242	SH	DFND	1 4	16,242	0	0
MARTEN TRANS LTD	COM	573075108	6,832	398,147	SH	DFND	1 3 4	398,147	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	458,575	1,050,869	SH	DFND	1 3 4	1,050,869	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	1,842	4,181	SH	DFND	1 4	4,181	0	0
MARVELL TECHNOLOGY INC	COM	573874104	46,925	536,343	SH	DFND	1 3 4	536,343	0	0
MARVELL TECHNOLOGY INC	COM	573874104	4,824	55,143	SH	DFND	1 4	55,143	0	0
MASCO CORP	COM	574599106	1,155	16,455	SH	DFND	1 4	16,455	0	0
MASCO CORP	COM	574599106	23,034	328,020	SH	DFND	1 3 4	328,020	0	0
MASIMO CORP	COM	574795100	1,420	4,850	SH	DFND	1 4	4,850	0	0
MASIMO CORP	COM	574795100	50,252	171,638	SH	DFND	1 3 4	171,638	0	0
MASONITE INTL CORP	COM	575385109	45,352	384,500	SH	DFND	1 3 4	384,500	0	0
MASONITE INTL CORP	COM	575385109	478	4,053	SH	DFND	1 4	4,053	0	0
MASTEC INC	COM	576323109	17,587	190,584	SH	DFND	1 3 4	190,584	0	0
MASTEC INC	COM	576323109	349	3,777	SH	DFND	1 4	3,777	0	0

MASTERCARD INCORPORATED	CL A	57636Q104	1,090,154	3,037,297	SH	DFND	1 3 4	3,037,297	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	21,989	61,195	SH	DFND	1 4	61,195	0	0
MATADOR RES CO	COM	576485205	41,704	1,129,588	SH	DFND	1 3 4	1,129,588	0	0
MATADOR RES CO	COM	576485205	695	18,833	SH	DFND	1 4	18,833	0	0
MATCH GROUP INC NEW	COM	57667L107	4,054	30,657	SH	DFND	1 4	30,657	0	0
MATCH GROUP INC NEW	COM	57667L107	51,926	392,633	SH	DFND	1 3 4	392,633	0	0
MATERION CORP	COM	576690101	12,522	136,198	SH	DFND	1 3 4	136,198	0	0
MATERION CORP	COM	576690101	224	2,436	SH	DFND	1 4	2,436	0	0
MATSON INC	COM	57686G105	29,230	324,671	SH	DFND	1 3 4	324,671	0	0
MATSON INC	COM	57686G105	325	3,606	SH	DFND	1 4	3,606	0	0
MATTEL INC	COM	577081102	25,161	1,167,019	SH	DFND	1 3 4	1,167,019	0	0
MATTEL INC	COM	577081102	811	37,622	SH	DFND	1 4	37,622	0	0
MATTHEWS INTL CORP	CL A	577128101	8,213	223,967	SH	DFND	1 3 4	223,967	0	0
MAXCYTE INC	COM	57777K106	132	12,975	SH	DFND	1 4	12,975	0	0
MAXIMUS INC	COM	577933104	16,314	204,767	SH	DFND	1 3 4	204,767	0	0
MAXIMUS INC	COM	577933104	831	10,432	SH	DFND	1 4	10,432	0	0
MAXLINEAR INC	COM	57776J100	910	12,068	SH	DFND	1 4	12,068	0	0
MAXLINEAR INC	COM	57776J100	35,427	469,918	SH	DFND	1 3 4	469,918	0	0
MCAFEE CORP	COM CL A	579063108	207	8,019	SH	DFND	1 4	8,019	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	28,060	290,446	SH	DFND	1 3 4	290,446	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	1,624	16,808	SH	DFND	1 4	16,808	0	0
MCDONALDS CORP	COM	580135101	229,932	857,731	SH	DFND	1 3 4	857,731	0	0
MCDONALDS CORP	COM	580135101	6,931	25,855	SH	DFND	1 4	25,855	0	0
MCGRATH RENTCORP	COM	580589109	281	3,495	SH	DFND	1 4	3,495	0	0
MCKESSON CORP	COM	58155Q103	44,065	177,273	SH	DFND	1 3 4	177,273	0	0
MCKESSON CORP	COM	58155Q103	2,800	11,265	SH	DFND	1 4	11,265	0	0
MDU RES GROUP INC	COM	552690109	20,924	678,471	SH	DFND	1 3 4	678,471	0	0
MDU RES GROUP INC	COM	552690109	418	13,545	SH	DFND	1 4	13,545	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	940	39,765	SH	DFND	1 4	39,765	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	387,410	16,427,208	SH	DFND	2 3 4	16,427,208	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	101,808	4,355,956	SH	DFND	1 3 4	4,355,956	0	0
MEDIFAST INC	COM	58470H101	410	1,958	SH	DFND	1 4	1,958	0	0
MEDIFAST INC	COM	58470H101	43,466	207,544	SH	DFND	1 3 4	207,544	0	0
MEDNAX INC	COM	58502B106	17,807	654,416	SH	DFND	1 3 4	654,416	0	0
MEDNAX INC	COM	58502B106	272	9,985	SH	DFND	1 4	9,985	0	0
MEDPACE HLDGS INC	COM	58506Q109	20,844	95,773	SH	DFND	1 3 4	95,773	0	0
MEDPACE HLDGS INC	COM	58506Q109	1,073	4,932	SH	DFND	1 4	4,932	0	0
MEDTRONIC PLC	SHS	G5960L103	401,986	3,882,273	SH	DFND	1 3 4	3,882,273	0	0
MEDTRONIC PLC	SHS	G5960L103	3,743	36,183	SH	DFND	1 4	36,183	0	0
MEI PHARMA INC	COM NEW	55279B202	49	18,442	SH	DFND	1 4	18,442	0	0
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	204	20,040	SH	DFND	1 3 4	20,040	0	0
MERCADOLIBRE INC	COM	58733R102	5,425	4,023	SH	DFND	1 3 4	3,176	0	847
MERCER INTL INC	COM	588056101	3,222	268,736	SH	DFND	1 3 4	268,736	0	0
MERCHANTS BANCORP IND	COM	58844R108	584	12,331	SH	DFND	1 3 4	12,331	0	0
MERCK & CO INC	COM	58933Y105	536,173	6,996,439	SH	DFND	1 3 4	6,996,439	0	0
MERCK & CO INC	COM	58933Y105	5,238	68,349	SH	DFND	1 4	68,349	0	0
MERCURY GENL CORP NEW	COM	589400100	9,642	181,711	SH	DFND	1 3 4	181,711	0	0
MERCURY SYS INC	COM	589378108	10,389	188,692	SH	DFND	1 3 4	188,692	0	0
MERCURY SYS INC	COM	589378108	205	3,715	SH	DFND	1 4	3,715	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	6,594	323,258	SH	DFND	1 3 4	323,258	0	0
MERIT MED SYS INC	COM	589889104	23,982	384,949	SH	DFND	1 3 4	384,949	0	0
MERIT MED SYS INC	COM	589889104	515	8,267	SH	DFND	1 4	8,267	0	0
MERITAGE HOMES	COM	59001A102	414	3,390	SH	DFND	1 4	3,390	0	0

CORP										
MERITAGE HOMES CORP	COM	59001A102	42,183	345,591	SH	DFND	1 3 4	345,591	0	0
MERITOR INC	COM	59001K100	11,565	466,714	SH	DFND	1 3 4	466,714	0	0
MERITOR INC	COM	59001K100	267	10,777	SH	DFND	1 4	10,777	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	65	10,511	SH	DFND	1 4	10,511	0	0
MESA LABS INC	COM	59064R109	29,601	90,735	SH	DFND	1 3 4	90,735	0	0
META FINL GROUP INC	COM	59100U108	15,104	253,163	SH	DFND	1 3 4	253,163	0	0
META FINL GROUP INC	COM	59100U108	208	3,494	SH	DFND	1 4	3,494	0	0
META MATERIALS INC	COM	59134N104	85	34,451	SH	DFND	1 4	34,451	0	0
META PLATFORMS INC	CL A	30303M102	1,559,637	4,636,014	SH	DFND	1 3 4	4,636,014	0	0
META PLATFORMS INC	CL A	30303M102	55,600	165,304	SH	DFND	1 4	165,304	0	0
METHODE ELECTRS INC	COM	591520200	14,362	292,091	SH	DFND	1 3 4	292,091	0	0
METLIFE INC	COM	59156R108	57,522	920,494	SH	DFND	1 3 4	920,494	0	0
METLIFE INC	COM	59156R108	1,200	19,201	SH	DFND	1 4	19,201	0	0
METROPOLITAN BK HLDG CORP	COM	591774104	1,295	12,159	SH	DFND	1 3 4	12,159	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	4,177	2,461	SH	DFND	1 4	2,461	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	599,443	356,580	SH	DFND	1 3 4	356,580	0	0
MFA FINL INC	COM	55272X102	176	38,579	SH	DFND	1 4	38,579	0	0
MGE ENERGY INC	COM	55277P104	261	3,175	SH	DFND	1 4	3,175	0	0
MGIC INVT CORP WIS	COM	552848103	16,082	1,115,236	SH	DFND	1 3 4	1,115,236	0	0
MGIC INVT CORP WIS	COM	552848103	320	22,207	SH	DFND	1 4	22,207	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	4,218	103,268	SH	DFND	1 3 4	103,268	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	206,248	5,054,120	SH	DFND	2 3 4	5,054,120	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	20,104	447,955	SH	DFND	1 3 4	447,955	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	1,179	26,264	SH	DFND	1 4	26,264	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	7,591	89,315	SH	DFND	1 3 4	89,315	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	929,610	10,562,521	SH	DFND	1 3 4	10,562,521	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	4,835	55,538	SH	DFND	1 4	55,538	0	0
MICRON TECHNOLOGY INC	COM	595112103	3,428	36,797	SH	DFND	1 4	36,797	0	0
MICRON TECHNOLOGY INC	COM	595112103	119,447	1,282,308	SH	DFND	1 3 4	1,282,308	0	0
MICROSOFT CORP	COM	594918104	4,799,933	14,317,064	SH	DFND	1 3 4	14,317,064	0	0
MICROSOFT CORP	COM	594918104	177,313	527,216	SH	DFND	1 4	527,216	0	0
MICROSTRATEGY INC	CL A NEW	594972408	785	1,442	SH	DFND	1 4	1,442	0	0
MICROVISION INC DEL	COM NEW	594960304	140	27,951	SH	DFND	1 4	27,951	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	30,505	132,955	SH	DFND	1 3 4	132,955	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	1,781	7,763	SH	DFND	1 4	7,763	0	0
MIDDLEBY CORP	COM	596278101	76,213	387,341	SH	DFND	1 3 4	387,341	0	0
MIDDLEBY CORP	COM	596278101	875	4,446	SH	DFND	1 4	4,446	0	0
MIDDLESEX WTR CO	COM	596680108	17,606	146,353	SH	DFND	1 3 4	146,353	0	0
MIDDLESEX WTR CO	COM	596680108	246	2,042	SH	DFND	1 4	2,042	0	0
MIDLAND STS BANCORP INC ILL	COM	597742105	585	23,608	SH	DFND	1 3 4	23,608	0	0
MILLERKNOLL INC	COM	600544100	9,892	252,408	SH	DFND	1 3 4	252,408	0	0
MILLERKNOLL INC	COM	600544100	254	6,482	SH	DFND	1 4	6,482	0	0
MIMECAST LTD	ORD SHS	G14838109	26,633	334,710	SH	DFND	1 3 4	334,710	0	0
MIMECAST LTD	ORD SHS	G14838109	824	10,357	SH	DFND	1 4	10,357	0	0
MIMEDX GROUP INC	COM	602496101	81	13,395	SH	DFND	1 3 4	13,395	0	0
MIMEDX GROUP INC	COM	602496101	95	15,762	SH	DFND	1 4	15,762	0	0
MIND MEDICINE MINDMED INC	COM SUB VTG	60255C109	82	59,189	SH	DFND	1 4	59,189	0	0

MINERALS TECHNOLOGIES INC	COM	603158106	10,129	138,475	SH	DFND	1 3 4	138,475	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	211	2,878	SH	DFND	1 4	2,878	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	910	6,202	SH	DFND	1 3 4	6,202	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	622	4,238	SH	DFND	1 4	4,238	0	0
MIRION TECHNOLOGIES INC	COM CL A	60471A101	8,924	852,353	SH	DFND	1 3 4	852,353	0	0
MIRION TECHNOLOGIES INC	*W EXP 06/30/202	60471A119	1,831	732,617	SH	DFND	1 3 4	732,617	0	0
MKS INSTRS INC	COM	55306N104	122,698	716,452	SH	DFND	1 3 4	716,452	0	0
MKS INSTRS INC	COM	55306N104	983	5,644	SH	DFND	1 4	5,644	0	0
MODERNA INC	COM	60770K107	102,972	405,435	SH	DFND	1 3 4	405,435	0	0
MODERNA INC	COM	60770K107	6,008	23,655	SH	DFND	1 4	23,655	0	0
MODINE MFG CO	COM	607828100	12,489	1,237,763	SH	DFND	1 3 4	1,237,763	0	0
MODIVCARE INC	COM	60783X104	13,427	90,544	SH	DFND	1 3 4	90,544	0	0
MODIVCARE INC	COM	60783X104	211	1,426	SH	DFND	1 4	1,426	0	0
MOELIS & CO	CL A	60786M105	507	8,116	SH	DFND	1 4	8,116	0	0
MOELIS & CO	CL A	60786M105	14,738	235,768	SH	DFND	1 3 4	235,768	0	0
MOHAWK INDS INC	COM	608190104	678	3,722	SH	DFND	1 4	3,722	0	0
MOHAWK INDS INC	COM	608190104	11,966	65,683	SH	DFND	1 3 4	65,683	0	0
MOLINA HEALTHCARE INC	COM	60855R100	62,329	195,953	SH	DFND	1 3 4	195,953	0	0
MOLINA HEALTHCARE INC	COM	60855R100	1,359	4,271	SH	DFND	1 4	4,271	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	10,011	215,992	SH	DFND	1 3 4	215,992	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	555	11,968	SH	DFND	1 4	11,968	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	467	22,070	SH	DFND	1 4	22,070	0	0
MONARCH CASINO & RESORT INC	COM	609027107	6,459	87,339	SH	DFND	1 3 4	87,339	0	0
MONDELEZ INTL INC	CL A	609207105	106,233	1,602,061	SH	DFND	1 3 4	1,602,061	0	0
MONDELEZ INTL INC	CL A	609207105	2,489	37,529	SH	DFND	1 4	37,529	0	0
MONGODB INC	CL A	60937P106	3,645	6,885	SH	DFND	1 4	6,885	0	0
MONGODB INC	CL A	60937P106	11,994	22,658	SH	DFND	1 3 4	22,658	0	0
MONOLITHIC PWR SYS INC	COM	609839105	67,127	136,327	SH	DFND	1 3 4	136,327	0	0
MONOLITHIC PWR SYS INC	COM	609839105	2,396	4,856	SH	DFND	1 4	4,856	0	0
MONRO INC	COM	610236101	13,930	239,068	SH	DFND	1 3 4	239,068	0	0
MONRO INC	COM	610236101	267	4,582	SH	DFND	1 4	4,582	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	43,011	447,846	SH	DFND	1 3 4	447,846	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	2,382	24,807	SH	DFND	1 4	24,807	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	1,102	15,627	SH	DFND	1 3 4	15,627	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	314	4,453	SH	DFND	1 4	4,453	0	0
MOODYS CORP	COM	615369105	380,833	978,305	SH	DFND	1 3 4	978,305	0	0
MOODYS CORP	COM	615369105	4,288	10,979	SH	DFND	1 4	10,979	0	0
MOOG INC	CL A	615394202	204	2,522	SH	DFND	1 4	2,522	0	0
MOOG INC	CL A	615394202	15,783	194,923	SH	DFND	1 3 4	194,923	0	0
MORGAN STANLEY	COM NEW	617446448	3,546	36,124	SH	DFND	1 4	36,124	0	0
MORGAN STANLEY	COM NEW	617446448	342,986	3,494,276	SH	DFND	1 3 4	3,494,276	0	0
MORNINGSTAR INC	COM	617700109	35,933	105,071	SH	DFND	1 3 4	105,071	0	0
MORNINGSTAR INC	COM	617700109	835	2,441	SH	DFND	1 4	2,441	0	0
MORPHIC HLDG INC	COM	61775R105	206	4,357	SH	DFND	1 3 4	4,357	0	0
MOSAIC CO NEW	COM	61945C103	22,722	578,306	SH	DFND	1 3 4	578,306	0	0
MOSAIC CO NEW	COM	61945C103	981	24,972	SH	DFND	1 4	24,972	0	0
MOTORCAR PTS AMER	COM	620071100	2,185	127,991	SH	DFND	1 3 4	127,991	0	0

INC										
MOTOROLA SOLUTIONS INC	COM NEW	620076307	83,596	307,774	SH	DFND	1 3 4	307,774	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	3,038	11,182	SH	DFND	1 4	11,182	0	0
MOVADO GROUP INC	COM	624580106	5,093	121,765	SH	DFND	1 3 4	121,765	0	0
MP MATERIALS CORP	COM CL A	553368101	586	12,900	SH	DFND	1 4	12,900	0	0
MR COOPER GROUP INC	COM	62482R107	29,063	698,473	SH	DFND	1 3 4	698,473	0	0
MR COOPER GROUP INC	COM	62482R107	223	5,365	SH	DFND	1 4	5,365	0	0
MSA SAFETY INC	COM	553498106	55,233	367,525	SH	DFND	1 3 4	367,525	0	0
MSA SAFETY INC	COM	553498106	444	2,942	SH	DFND	1 4	2,942	0	0
MSC INDL DIRECT INC	CL A	553530106	21,650	257,550	SH	DFND	1 3 4	257,550	0	0
MSC INDL DIRECT INC	CL A	553530106	254	3,024	SH	DFND	1 4	3,024	0	0
MSCI INC	COM	55354G100	395,919	646,375	SH	DFND	1 3 4	646,375	0	0
MSCI INC	COM	55354G100	4,737	7,732	SH	DFND	1 4	7,732	0	0
MUELLER INDS INC	COM	624756102	24,955	420,405	SH	DFND	1 3 4	420,405	0	0
MUELLER INDS INC	COM	624756102	398	6,700	SH	DFND	1 4	6,700	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	4,098	284,589	SH	DFND	1 3 4	284,589	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	210	14,553	SH	DFND	1 4	14,553	0	0
MULTIPLAN CORPORATION	COM	62548M100	354	79,992	SH	DFND	1 3 4	79,992	0	0
MULTIPLAN CORPORATION	COM	62548M100	168	37,939	SH	DFND	1 4	37,939	0	0
MURPHY OIL CORP	COM	626717102	12,628	483,644	SH	DFND	1 3 4	483,644	0	0
MURPHY OIL CORP	COM	626717102	332	12,706	SH	DFND	1 4	12,706	0	0
MURPHY USA INC	COM	626755102	20,596	103,373	SH	DFND	1 3 4	103,373	0	0
MURPHY USA INC	COM	626755102	820	4,114	SH	DFND	1 4	4,114	0	0
MUSTANG BIO INC	COM	62818Q104	18	10,835	SH	DFND	1 3 4	10,835	0	0
MYERS INDS INC	COM	628464109	5,370	268,387	SH	DFND	1 3 4	268,387	0	0
MYR GROUP INC DEL	COM	55405W104	56,640	512,355	SH	DFND	1 3 4	512,355	0	0
MYR GROUP INC DEL	COM	55405W104	273	2,472	SH	DFND	1 4	2,472	0	0
MYRIAD GENETICS INC	COM	62855J104	16,548	599,575	SH	DFND	1 3 4	599,575	0	0
NABORS INDUSTRIES LTD	SHS	G6359F137	4,184	51,598	SH	DFND	1 3 4	51,598	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	230	5,445	SH	DFND	1 3 4	5,445	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	313	7,415	SH	DFND	1 4	7,415	0	0
NAPCO SEC TECHNOLOGIES INC	COM	630402105	225	4,505	SH	DFND	1 3 4	4,505	0	0
NASDAQ INC	COM	631103108	61,521	292,945	SH	DFND	1 3 4	292,945	0	0
NASDAQ INC	COM	631103108	1,644	7,829	SH	DFND	1 4	7,829	0	0
NATERA INC	COM	632307104	75,415	807,532	SH	DFND	1 3 4	807,532	0	0
NATERA INC	COM	632307104	819	8,774	SH	DFND	1 4	8,774	0	0
NATIONAL BEVERAGE CORP	COM	635017106	7,041	155,338	SH	DFND	1 3 4	155,338	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	8,874	201,946	SH	DFND	1 3 4	201,946	0	0
NATIONAL FUEL GAS CO	COM	636180101	23,243	363,515	SH	DFND	1 3 4	363,515	0	0
NATIONAL FUEL GAS CO	COM	636180101	375	5,860	SH	DFND	1 4	5,860	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	219	3,814	SH	DFND	1 4	3,814	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	4,887	85,032	SH	DFND	1 3 4	85,032	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	474	6,980	SH	DFND	1 3 4	6,980	0	0
NATIONAL INSTRS CORP	COM	636518102	19,185	439,310	SH	DFND	1 3 4	439,310	0	0
NATIONAL INSTRS CORP	COM	636518102	387	8,853	SH	DFND	1 4	8,853	0	0
NATIONAL PRESTO INDS INC	COM	637215104	2,772	33,797	SH	DFND	1 3 4	33,797	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	28,183	586,295	SH	DFND	1 3 4	586,295	0	0



NATIONAL RETAIL PROPERTIES I	COM	637417106	563	11,722	SH	DFND	1 4	11,722	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	29,644	428,384	SH	DFND	1 3 4	428,384	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	956	13,816	SH	DFND	1 4	13,816	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	6,478	93,611	SH	DFND	2 3 4	93,611	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	4,001	83,374	SH	DFND	1 3 4	83,374	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	666	13,882	SH	DFND	1 4	13,882	0	0
NATUS MED INC DEL	COM	639050103	5,837	245,957	SH	DFND	1 3 4	245,957	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	77	14,853	SH	DFND	1 3 4	14,853	0	0
NAVIENT CORPORATION	COM	63938C108	291	13,720	SH	DFND	1 4	13,720	0	0
NAVIENT CORPORATION	COM	63938C108	20,220	952,855	SH	DFND	1 3 4	952,855	0	0
NBT BANCORP INC	COM	628778102	11,127	288,861	SH	DFND	1 3 4	288,861	0	0
NCINO INC	COM	63947U107	333	6,075	SH	DFND	1 4	6,075	0	0
NCR CORP NEW	COM	62886E108	17,676	439,704	SH	DFND	1 3 4	439,704	0	0
NCR CORP NEW	COM	62886E108	424	10,543	SH	DFND	1 4	10,543	0	0
NEENAH INC	COM	640079109	5,890	127,274	SH	DFND	1 3 4	127,274	0	0
NEKTAR THERAPEUTICS	COM	640268108	16,888	1,250,003	SH	DFND	1 3 4	1,250,003	0	0
NEKTAR THERAPEUTICS	COM	640268108	159	11,796	SH	DFND	1 4	11,796	0	0
NEOGEN CORP	COM	640491106	807	17,769	SH	DFND	1 4	17,769	0	0
NEOGEN CORP	COM	640491106	19,111	420,865	SH	DFND	1 3 4	420,865	0	0
NEOGENOMICS INC	COM NEW	64049M209	658	19,281	SH	DFND	1 4	19,281	0	0
NEOGENOMICS INC	COM NEW	64049M209	28,455	833,981	SH	DFND	1 3 4	833,981	0	0
NETAPP INC	COM	64110D104	24,789	269,472	SH	DFND	1 3 4	269,472	0	0
NETAPP INC	COM	64110D104	1,936	21,047	SH	DFND	1 4	21,047	0	0
NETEASE INC	SPONSORED ADS	64110W102	3,488	34,273	SH	DFND	1 3 4	34,273	0	0
NETFLIX INC	COM	64110L106	790,927	1,312,293	SH	DFND	1 3 4	1,312,293	0	0
NETFLIX INC	COM	64110L106	18,195	30,203	SH	DFND	1 4	30,203	0	0
NETGEAR INC	COM	64111Q104	5,693	194,889	SH	DFND	1 3 4	194,889	0	0
NETSCOUT SYS INC	COM	64115T104	16,260	491,547	SH	DFND	1 3 4	491,547	0	0
NETSCOUT SYS INC	COM	64115T104	202	6,116	SH	DFND	1 4	6,116	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	865	10,158	SH	DFND	1 4	10,158	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	27,110	318,301	SH	DFND	1 3 4	318,301	0	0
NEURONETICS INC	COM	64131A105	157	35,157	SH	DFND	1 3 4	35,157	0	0
NEVRO CORP	COM	64157F103	477	5,885	SH	DFND	1 4	5,885	0	0
NEVRO CORP	COM	64157F103	34,733	428,435	SH	DFND	1 3 4	428,435	0	0
NEW JERSEY RES CORP	COM	646025106	13,190	321,229	SH	DFND	1 3 4	321,229	0	0
NEW JERSEY RES CORP	COM	646025106	344	8,379	SH	DFND	1 4	8,379	0	0
NEW RELIC INC	COM	64829B100	615	5,589	SH	DFND	1 4	5,589	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,275	119,050	SH	DFND	1 3 4	119,050	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	312	29,118	SH	DFND	1 4	29,118	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	18,914	1,549,031	SH	DFND	1 3 4	1,549,031	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	370	30,342	SH	DFND	1 4	30,342	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	123	33,084	SH	DFND	1 4	33,084	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	9,401	2,527,177	SH	DFND	1 3 4	2,527,177	0	0
NEW YORK TIMES CO	CL A	650111107	534	11,054	SH	DFND	1 4	11,054	0	0
NEW YORK TIMES CO	CL A	650111107	26,884	556,605	SH	DFND	1 3 4	556,605	0	0
NEWAGE INC	COM	650194103	18	17,848	SH	DFND	1 4	17,848	0	0
NEWELL BRANDS INC	COM	651229106	10,635	486,956	SH	DFND	1 3 4	486,956	0	0
NEWELL BRANDS INC	COM	651229106	560	25,620	SH	DFND	1 4	25,620	0	0
NEWMARK GROUP INC	CL A	65158N102	1,850	98,938	SH	DFND	1 3 4	98,938	0	0
NEWMARK GROUP INC	CL A	65158N102	475	25,376	SH	DFND	1 4	25,376	0	0
NEWMARKET CORP	COM	651587107	12,112	35,340	SH	DFND	1 3 4	35,340	0	0

NEWMONT CORP	COM	651639106	65,892	1,062,425	SH	DFND	1 3 4	1,062,425	0	0
NEWMONT CORP	COM	651639106	1,338	21,568	SH	DFND	1 4	21,568	0	0
NEWS CORP NEW	CL A	65249B109	588	26,365	SH	DFND	1 4	26,365	0	0
NEWS CORP NEW	CL A	65249B109	10,122	453,696	SH	DFND	1 3 4	453,696	0	0
NEWS CORP NEW	CL B	65249B208	3,074	136,611	SH	DFND	1 3 4	136,611	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	16,662	198,764	SH	DFND	1 3 4	198,764	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	25,446	168,537	SH	DFND	1 3 4	168,537	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	430	2,849	SH	DFND	1 4	2,849	0	0
NEXTERA ENERGY INC	COM	65339F101	479,110	5,134,371	SH	DFND	1 3 4	5,134,371	0	0
NEXTERA ENERGY INC	COM	65339F101	4,939	52,905	SH	DFND	1 4	52,905	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	7,744	435,297	SH	DFND	1 3 4	435,297	0	0
NEXTier OILFIELD SOLUTIONS	COM	65290C105	59	16,612	SH	DFND	1 4	16,612	0	0
NICE LTD	SPONSORED ADR	653656108	64,956	213,952	SH	DFND	1 3 4	208,661	0	5,291
NIELSEN HLDGS PLC	SHS EUR	G6518L108	8,333	406,305	SH	DFND	1 3 4	406,305	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	496	24,207	SH	DFND	1 4	24,207	0	0
NIKE INC	CL B	654106103	14,441	86,646	SH	DFND	1 4	86,646	0	0
NIKE INC	CL B	654106103	487,299	2,925,138	SH	DFND	1 3 4	2,925,138	0	0
NIKOLA CORP	COM	654110105	383	38,826	SH	DFND	1 4	38,826	0	0
NIO INC	SPON ADS	62914V106	10,443	329,645	SH	DFND	1 3 4	329,645	0	0
NISOURCE INC	COM	65473P105	45,606	1,673,286	SH	DFND	1 3 4	1,673,286	0	0
NISOURCE INC	COM	65473P105	725	26,267	SH	DFND	1 4	26,267	0	0
NLIGHT INC	COM	65487K100	4,488	187,400	SH	DFND	1 3 4	187,400	0	0
NMI HLDGS INC	CL A	629209305	12,482	571,269	SH	DFND	1 3 4	571,269	0	0
NORDIC AMERICAN TANKERS LIMi	COM	G65773106	25	14,576	SH	DFND	1 4	14,576	0	0
NORDSON CORP	COM	655663102	119,880	472,420	SH	DFND	1 3 4	472,420	0	0
NORDSON CORP	COM	655663102	1,110	4,349	SH	DFND	1 4	4,349	0	0
NORDSTROM INC	COM	655664100	8,382	370,570	SH	DFND	1 3 4	370,570	0	0
NORDSTROM INC	COM	655664100	267	11,789	SH	DFND	1 4	11,789	0	0
NORFOLK SOUTHN CORP	COM	655844108	83,237	279,592	SH	DFND	1 3 4	279,592	0	0
NORFOLK SOUTHN CORP	COM	655844108	1,950	6,550	SH	DFND	1 4	6,550	0	0
NORTHERN TR CORP	COM	665859104	1,654	13,830	SH	DFND	1 4	13,830	0	0
NORTHERN TR CORP	COM	665859104	28,540	238,609	SH	DFND	1 3 4	238,609	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	5,906	365,449	SH	DFND	1 3 4	365,449	0	0
NORTHROP GRUMMAN CORP	COM	666807102	78,268	202,207	SH	DFND	1 3 4	202,207	0	0
NORTHROP GRUMMAN CORP	COM	666807102	1,769	4,571	SH	DFND	1 4	4,571	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	11,941	843,301	SH	DFND	1 3 4	843,301	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	151	10,666	SH	DFND	1 4	10,666	0	0
NORTHWEST NAT HLDG CO	COM	66765N105	9,989	204,774	SH	DFND	1 3 4	204,774	0	0
NORTHWESTERN CORP	COM NEW	668074305	10,026	175,394	SH	DFND	1 3 4	175,394	0	0
NORTHWESTERN CORP	COM NEW	668074305	262	4,580	SH	DFND	1 4	4,580	0	0
NORTONLIFELOCK INC	COM	668771108	17,323	666,776	SH	DFND	1 3 4	666,776	0	0
NORTONLIFELOCK INC	COM	668771108	1,130	43,485	SH	DFND	1 4	43,485	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	8,669	417,988	SH	DFND	1 3 4	417,988	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	514	24,799	SH	DFND	1 4	24,799	0	0
NOV INC	COM	62955J103	17,634	1,301,433	SH	DFND	1 3 4	1,301,433	0	0
NOV INC	COM	62955J103	356	26,297	SH	DFND	1 4	26,297	0	0
NOVA LTD	COM	M7516K103	37,788	257,940	SH	DFND	1 3 4	257,940	0	0
NOVAGOLD RES INC	COM NEW	66987E206	277	40,338	SH	DFND	1 4	40,338	0	0
NOVANTA INC	COM	67000B104	1,058	6,002	SH	DFND	1 4	6,002	0	0

NOVARTIS AG	SPONSORED ADR	66987V109	199,193	2,278,193	SH	DFND	1 3 4	2,278,193	0	0
NOVAVAX INC	COM NEW	670002401	1,525	10,662	SH	DFND	1 3 4	10,662	0	0
NOVAVAX INC	COM NEW	670002401	1,169	8,172	SH	DFND	1 4	8,172	0	0
NOVOCURE LTD	ORD SHS	G6674U108	1,105	14,718	SH	DFND	1 3 4	14,718	0	0
NOVOCURE LTD	ORD SHS	G6674U108	833	11,095	SH	DFND	1 4	11,095	0	0
NOW INC	COM	67011P100	6,282	735,635	SH	DFND	1 3 4	735,635	0	0
NRG ENERGY INC	COM NEW	629377508	13,171	305,737	SH	DFND	1 3 4	305,737	0	0
NRG ENERGY INC	COM NEW	629377508	902	20,940	SH	DFND	1 4	20,940	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	10,594	208,750	SH	DFND	1 3 4	208,750	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	313	6,169	SH	DFND	1 4	6,169	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	401	7,245	SH	DFND	1 3 4	7,245	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	1,309	23,661	SH	DFND	1 4	23,661	0	0
NUCOR CORP	COM	670346105	42,973	376,457	SH	DFND	1 3 4	376,457	0	0
NUCOR CORP	COM	670346105	2,197	19,249	SH	DFND	1 4	19,249	0	0
NUTANIX INC	CL A	67059N108	6,178	193,914	SH	DFND	1 3 4	193,914	0	0
NUTANIX INC	CL A	67059N108	728	22,839	SH	DFND	1 4	22,839	0	0
NUVASIVE INC	COM	670704105	14,627	278,718	SH	DFND	1 3 4	278,718	0	0
NUVASIVE INC	COM	670704105	462	8,810	SH	DFND	1 4	8,810	0	0
NUVATION BIO INC	COM CL A	67080N101	221	25,942	SH	DFND	1 3 4	25,942	0	0
NUVATION BIO INC	COM CL A	67080N101	212	24,936	SH	DFND	1 4	24,936	0	0
NV5 GLOBAL INC	COM	62945V109	12,283	88,930	SH	DFND	1 3 4	88,930	0	0
NVE CORP	COM NEW	629445206	333	4,870	SH	DFND	1 3 4	4,870	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	68,892	1,852,186	SH	DFND	1 3 4	1,852,186	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	426	11,211	SH	DFND	1 4	11,211	0	0
NVIDIA CORPORATION	COM	67066G104	1,524,912	5,220,839	SH	DFND	1 3 4	5,220,839	0	0
NVIDIA CORPORATION	COM	67066G104	49,210	167,319	SH	DFND	1 4	167,319	0	0
NVR INC	COM	62944T105	485,059	82,090	SH	DFND	1 3 4	82,090	0	0
NVR INC	COM	62944T105	1,802	305	SH	DFND	1 4	305	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	95,059	417,326	SH	DFND	1 3 4	417,326	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	2,418	10,614	SH	DFND	1 4	10,614	0	0
OAK STR HEALTH INC	COM	67181A107	344	10,367	SH	DFND	1 4	10,367	0	0
OAK STR HEALTH INC	COM	67181A107	1,037	31,284	SH	DFND	1 3 4	31,284	0	0
OASIS PETROLEUM INC	COM NEW	674215207	4,217	33,471	SH	DFND	1 3 4	33,471	0	0
OASIS PETROLEUM INC	COM NEW	674215207	395	3,138	SH	DFND	1 4	3,138	0	0
OCCIDENTAL PETE CORP	COM	674599105	34,544	1,191,605	SH	DFND	1 3 4	1,191,605	0	0
OCCIDENTAL PETE CORP	COM	674599105	1,789	61,716	SH	DFND	1 4	61,716	0	0
OCEANEERING INTL INC	COM	675232102	8,409	743,487	SH	DFND	1 3 4	743,487	0	0
OCEANFIRST FINL CORP	COM	675234108	1,404	63,255	SH	DFND	1 3 4	63,255	0	0
OCUGEN INC	COM	67577C105	108	23,789	SH	DFND	1 3 4	23,789	0	0
OCUGEN INC	COM	67577C105	143	31,401	SH	DFND	1 4	31,401	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	91	13,036	SH	DFND	1 4	13,036	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	8,011	322,522	SH	DFND	1 3 4	322,522	0	0
OFB BANCORP	COM	67103X102	8,822	332,138	SH	DFND	1 3 4	332,138	0	0
OGE ENERGY CORP	COM	670837103	25,900	674,825	SH	DFND	1 3 4	674,825	0	0
OGE ENERGY CORP	COM	670837103	518	13,489	SH	DFND	1 4	13,489	0	0
O-I GLASS INC	COM	67098H104	12,560	1,044,019	SH	DFND	1 3 4	1,044,019	0	0
O-I GLASS INC	COM	67098H104	323	26,870	SH	DFND	1 4	26,870	0	0
OIL STS INTL INC	COM	678026105	2,030	408,380	SH	DFND	1 3 4	408,380	0	0
OKTA INC	CL A	679295105	680	3,034	SH	DFND	1 3 4	3,034	0	0
OKTA INC	CL A	679295105	3,065	13,672	SH	DFND	1 4	13,672	0	0
OLAPLEX HLDGS INC	COM	679369108	559	19,200	SH	DFND	1 3 4	19,200	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	3,854	10,755	SH	DFND	1 4	10,755	0	0

OLD DOMINION FREIGHT LINE IN	COM	679580100	42,376	118,248	SH	DFND	1 3 4	118,248	0	0
OLD NATL BANCORP IND	COM	680033107	20,013	1,104,493	SH	DFND	1 3 4	1,104,493	0	0
OLD NATL BANCORP IND	COM	680033107	261	14,403	SH	DFND	1 4	14,403	0	0
OLD REP INTL CORP	COM	680223104	25,704	1,045,716	SH	DFND	1 3 4	1,045,716	0	0
OLD REP INTL CORP	COM	680223104	463	18,848	SH	DFND	1 4	18,848	0	0
OLIN CORP	COM PAR \$1	680665205	32,337	562,180	SH	DFND	1 3 4	562,180	0	0
OLIN CORP	COM PAR \$1	680665205	589	10,240	SH	DFND	1 4	10,240	0	0
OLINK HLDG AB	SPONSORED ADS	680710100	8,506	467,366	SH	DFND	1 3 4	467,366	0	0
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	10,319	201,582	SH	DFND	1 3 4	201,582	0	0
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	225	4,389	SH	DFND	1 4	4,389	0	0
OLYMPIC STEEL INC	COM	68162K106	1,459	62,071	SH	DFND	1 3 4	62,071	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	23,555	796,045	SH	DFND	1 3 4	796,045	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	472	15,951	SH	DFND	1 4	15,951	0	0
OMEROS CORP	COM	682143102	66	10,255	SH	DFND	1 4	10,255	0	0
OMNICELL COM	COM	68213N109	1,343	7,444	SH	DFND	1 4	7,444	0	0
OMNICELL COM	COM	68213N109	91,180	505,317	SH	DFND	1 3 4	505,317	0	0
OMNICOM GROUP INC	COM	681919106	18,001	245,679	SH	DFND	1 3 4	245,679	0	0
OMNICOM GROUP INC	COM	681919106	1,042	14,226	SH	DFND	1 4	14,226	0	0
ON SEMICONDUCTOR CORP	COM	682189105	9,011	132,669	SH	DFND	1 3 4	132,669	0	0
ON SEMICONDUCTOR CORP	COM	682189105	2,576	37,930	SH	DFND	1 4	37,930	0	0
ONCTERNAL THERAPEUTICS INC	COM	68236P107	109	48,218	SH	DFND	1 3 4	48,218	0	0
ONE GAS INC	COM	68235P108	13,852	178,544	SH	DFND	1 3 4	178,544	0	0
ONE GAS INC	COM	68235P108	355	4,573	SH	DFND	1 4	4,573	0	0
ONE LIBERTY PPTYS INC	COM	682406103	473	13,401	SH	DFND	1 3 4	13,401	0	0
ONEMAIN HLDGS INC	COM	68268W103	374	7,476	SH	DFND	1 4	7,476	0	0
ONEMAIN HLDGS INC	COM	68268W103	550	10,997	SH	DFND	1 3 4	10,997	0	0
ONEOK INC NEW	COM	682680103	31,951	543,757	SH	DFND	1 3 4	543,757	0	0
ONEOK INC NEW	COM	682680103	1,757	29,897	SH	DFND	1 4	29,897	0	0
ONESPAN INC	COM	68287N100	3,872	228,693	SH	DFND	1 3 4	228,693	0	0
ONEWATER MARINE INC	CL A COM	68280L101	324	5,322	SH	DFND	1 3 4	5,322	0	0
ONTO INNOVATION INC	COM	683344105	36,923	364,741	SH	DFND	1 3 4	364,741	0	0
ONTO INNOVATION INC	COM	683344105	557	5,504	SH	DFND	1 4	5,504	0	0
OPEN LENDING CORP	COM CL A	68373J104	399	17,732	SH	DFND	1 4	17,732	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	480	32,885	SH	DFND	1 4	32,885	0	0
OPKO HEALTH INC	COM	68375N103	2,180	453,267	SH	DFND	1 3 4	453,267	0	0
OPKO HEALTH INC	COM	68375N103	167	34,808	SH	DFND	1 4	34,808	0	0
OPTIMIZERX CORP	COM NEW	68401U204	9,394	151,249	SH	DFND	1 3 4	151,249	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	30,482	1,071,792	SH	DFND	1 3 4	1,071,792	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	392	13,782	SH	DFND	1 4	13,782	0	0
ORACLE CORP	COM	68389X105	201,926	2,315,394	SH	DFND	1 3 4	2,315,394	0	0
ORACLE CORP	COM	68389X105	9,650	110,658	SH	DFND	1 4	110,658	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	4,240	487,939	SH	DFND	1 3 4	487,939	0	0
ORCHID IS CAP INC	COM	68571X103	53	11,783	SH	DFND	1 4	11,783	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	1,135,389	1,615,693	SH	DFND	1 3 4	1,615,693	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	3,760	5,324	SH	DFND	1 4	5,324	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	4,621	500,077	SH	DFND	1 3 4	500,077	0	0
ORGANON & CO	COMMON STOCK	68622V106	23,383	763,286	SH	DFND	1 3 4	763,286	0	0

ORGANON & CO	COMMON STOCK	68622V106	520	17,086	SH	DFND	1 4	17,086	0	0
ORIGIN BANCORP INC	COM	68621T102	643	14,977	SH	DFND	1 3 4	14,977	0	0
ORION ENGINEERED CARBONS S A	COM	L72967109	189	10,306	SH	DFND	1 4	10,306	0	0
ORION OFFICE REIT INC	COM	68629Y103	6,758	361,981	SH	DFND	1 3 4	361,981	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	312	3,930	SH	DFND	1 4	3,930	0	0
ORTHO CLINICAL DIAGNOSTICS H	ORD SHS	G6829J107	438	20,481	SH	DFND	1 4	20,481	0	0
ORTHOFIX MED INC	COM	68752M108	4,551	146,373	SH	DFND	1 3 4	146,373	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	793	13,247	SH	DFND	1 3 4	13,247	0	0
OSHKOSH CORP	COM	688239201	26,876	238,456	SH	DFND	1 3 4	238,456	0	0
OSHKOSH CORP	COM	688239201	518	4,595	SH	DFND	1 4	4,595	0	0
OSI SYSTEMS INC	COM	671044105	13,034	139,849	SH	DFND	1 3 4	139,849	0	0
OTIS WORLDWIDE CORP	COM	68902V107	42,572	488,973	SH	DFND	1 3 4	488,973	0	0
OTIS WORLDWIDE CORP	COM	68902V107	2,494	28,647	SH	DFND	1 4	28,647	0	0
OTTER TAIL CORP	COM	689648103	256	3,587	SH	DFND	1 4	3,587	0	0
OTTER TAIL CORP	COM	689648103	1,941	27,177	SH	DFND	1 3 4	27,177	0	0
OUSTER INC	COM	68989M103	138	26,633	SH	DFND	1 4	26,633	0	0
OUTFRONT MEDIA INC	COM	69007J106	405	15,086	SH	DFND	1 4	15,086	0	0
OUTLOOK THERAPEUTICS INC	COM NEW	69012T206	29	20,985	SH	DFND	1 3 4	20,985	0	0
OUTLOOK THERAPEUTICS INC	COM NEW	69012T206	21	15,701	SH	DFND	1 4	15,701	0	0
OUTSET MED INC	COM	690145107	256	5,545	SH	DFND	1 3 4	5,545	0	0
OUTSET MED INC	COM	690145107	367	7,967	SH	DFND	1 4	7,967	0	0
OVERSTOCK COM INC DEL	COM	690370101	431	7,312	SH	DFND	1 4	7,312	0	0
OVINTIV INC	COM	69047Q102	4,077	120,965	SH	DFND	1 3 4	120,965	0	0
OVINTIV INC	COM	69047Q102	807	23,941	SH	DFND	1 4	23,941	0	0
OWENS & MINOR INC NEW	COM	690732102	27,401	629,914	SH	DFND	1 3 4	629,914	0	0
OWENS & MINOR INC NEW	COM	690732102	492	11,307	SH	DFND	1 4	11,307	0	0
OWENS CORNING NEW	COM	690742101	31,738	350,698	SH	DFND	1 3 4	350,698	0	0
OWENS CORNING NEW	COM	690742101	611	6,747	SH	DFND	1 4	6,747	0	0
OXFORD INDS INC	COM	691497309	12,070	118,893	SH	DFND	1 3 4	118,893	0	0
PACCAR INC	COM	693718108	322,936	3,661,070	SH	DFND	1 3 4	3,661,070	0	0
PACCAR INC	COM	693718108	2,026	22,952	SH	DFND	1 4	22,952	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	489	23,922	SH	DFND	1 3 4	23,922	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	497	24,314	SH	DFND	1 4	24,314	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	28,621	714,981	SH	DFND	1 3 4	714,981	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	373	9,318	SH	DFND	1 4	9,318	0	0
PACIRA BIOSCIENCES INC	COM	695127100	21,344	354,725	SH	DFND	1 3 4	354,725	0	0
PACIRA BIOSCIENCES INC	COM	695127100	452	7,511	SH	DFND	1 4	7,511	0	0
PACKAGING CORP AMER	COM	695156109	863	6,338	SH	DFND	1 4	6,338	0	0
PACKAGING CORP AMER	COM	695156109	54,632	400,808	SH	DFND	1 3 4	400,808	0	0
PACWEST BANCORP DEL	COM	695263103	359	7,946	SH	DFND	1 4	7,946	0	0
PACWEST BANCORP DEL	COM	695263103	17,646	390,666	SH	DFND	1 3 4	390,666	0	0
PAE INC	COM CL A	69290Y109	117	11,735	SH	DFND	1 4	11,735	0	0
PAGERDUTY INC	COM	69553P100	485	13,960	SH	DFND	1 4	13,960	0	0
PALANTIR TECHNOLOGIES INC	CL A	69608A108	700	38,463	SH	DFND	1 3 4	38,463	0	0
PALANTIR TECHNOLOGIES INC	CL A	69608A108	3,279	180,067	SH	DFND	1 4	180,067	0	0

PALO ALTO NETWORKS INC	COM	697435105	28,974	52,040	SH	DFND	1 3 4	52,040	0	0
PALO ALTO NETWORKS INC	COM	697435105	5,755	10,336	SH	DFND	1 4	10,336	0	0
PALOMAR HLDGS INC	COM	69753M105	10,405	160,648	SH	DFND	1 3 4	160,648	0	0
PALOMAR HLDGS INC	COM	69753M105	271	4,180	SH	DFND	1 4	4,180	0	0
PANGAEA LOGISTICS SOLUTION L	SHS	G6891L105	159	42,146	SH	DFND	1 3 4	42,146	0	0
PAPA JOHNS INTL INC	COM	698813102	64,422	484,850	SH	DFND	1 3 4	484,850	0	0
PAPA JOHNS INTL INC	COM	698813102	751	5,627	SH	DFND	1 4	5,627	0	0
PAR PAC HOLDINGS INC	COM NEW	69888T207	5,024	304,670	SH	DFND	1 3 4	304,670	0	0
PAR TECHNOLOGY CORP	COM	698884103	227	4,306	SH	DFND	1 4	4,306	0	0
PARAMOUNT GROUP INC	COM	69924R108	136	16,269	SH	DFND	1 4	16,269	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	225	50,216	SH	DFND	1 3 4	50,216	0	0
PARK AEROSPACE CORP	COM	70014A104	1,712	129,707	SH	DFND	1 3 4	129,707	0	0
PARK HOTELS & RESORTS INC	COM	700517105	17,515	927,723	SH	DFND	1 3 4	927,723	0	0
PARK HOTELS & RESORTS INC	COM	700517105	298	15,775	SH	DFND	1 4	15,775	0	0
PARK HOTELS & RESORTS INC	COM	700517105	127,205	6,735,996	SH	DFND	2 3 4	6,735,996	0	0
PARK NATL CORP	COM	700658107	13,207	96,183	SH	DFND	1 3 4	96,183	0	0
PARKER-HANNIFIN CORP	COM	701094104	343,746	1,081,452	SH	DFND	1 3 4	1,081,452	0	0
PARKER-HANNIFIN CORP	COM	701094104	3,031	9,529	SH	DFND	1 4	9,529	0	0
PARTY CITY HOLDCO INC	COM	702149105	105	18,797	SH	DFND	1 4	18,797	0	0
PATRICK INDS INC	COM	703343103	312	3,865	SH	DFND	1 4	3,865	0	0
PATRICK INDS INC	COM	703343103	13,794	170,957	SH	DFND	1 3 4	170,957	0	0
PATTERSON COS INC	COM	703395103	13,404	456,682	SH	DFND	1 3 4	456,682	0	0
PATTERSON COS INC	COM	703395103	272	9,273	SH	DFND	1 4	9,273	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	12,101	1,432,036	SH	DFND	1 3 4	1,432,036	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	137	16,255	SH	DFND	1 4	16,255	0	0
PAVMED INC	COM	70387R106	25	10,146	SH	DFND	1 3 4	10,146	0	0
PAVMED INC	COM	70387R106	31	12,412	SH	DFND	1 4	12,412	0	0
PAYA HOLDINGS INC	COM CL A	70434P103	92	14,568	SH	DFND	1 4	14,568	0	0
PAYCHEX INC	COM	704326107	56,925	417,030	SH	DFND	1 3 4	417,030	0	0
PAYCHEX INC	COM	704326107	4,538	33,249	SH	DFND	1 4	33,249	0	0
PAYCOM SOFTWARE INC	COM	70432V102	27,435	66,077	SH	DFND	1 3 4	66,077	0	0
PAYCOM SOFTWARE INC	COM	70432V102	2,280	5,492	SH	DFND	1 4	5,492	0	0
PAYCOR HCM INC	COM	70435P102	889	30,851	SH	DFND	1 3 4	30,851	0	0
PAYLOCITY HLDG CORP	COM	70438V106	36,347	153,909	SH	DFND	1 3 4	153,909	0	0
PAYLOCITY HLDG CORP	COM	70438V106	1,006	4,259	SH	DFND	1 4	4,259	0	0
PAYMENTUS HOLDINGS INC	COM CL A	70439P108	21,080	602,638	SH	DFND	1 3 4	602,638	0	0
PAYPAL HLDGS INC	COM	70450Y103	698,505	3,654,694	SH	DFND	1 3 4	3,654,694	0	0
PAYPAL HLDGS INC	COM	70450Y103	15,497	82,179	SH	DFND	1 4	82,179	0	0
PAYSAFE LIMITED	ORD	G6964L107	183	46,893	SH	DFND	1 4	46,893	0	0
PBF ENERGY INC	CL A	69318G106	8,198	632,069	SH	DFND	1 3 4	632,069	0	0
PC CONNECTION INC	COM	69318J100	3,640	84,390	SH	DFND	1 3 4	84,390	0	0
PDC ENERGY INC	COM	69327R101	412	8,453	SH	DFND	1 4	8,453	0	0
PDC ENERGY INC	COM	69327R101	88,889	1,822,244	SH	DFND	1 3 4	1,822,244	0	0
PDF SOLUTIONS INC	COM	693282105	6,319	198,787	SH	DFND	1 3 4	198,787	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	61,831	2,764,002	SH	DFND	1 3 4	2,764,002	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	253	11,329	SH	DFND	1 4	11,329	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	1,058	47,300	SH	DFND	2 3 4	47,300	0	0

PEGASYSYSTEMS INC	COM	705573103	489	4,369	SH	DFND	1 4	4,369	0	0
PELOTON INTERACTIVE INC	CL A COM	70614W100	2,226	62,242	SH	DFND	1 3 4	62,242	0	0
PELOTON INTERACTIVE INC	CL A COM	70614W100	1,044	29,208	SH	DFND	1 4	29,208	0	0
PENN NATL GAMING INC	COM	707569109	9,663	186,373	SH	DFND	1 3 4	186,373	0	0
PENN NATL GAMING INC	COM	707569109	596	11,496	SH	DFND	1 4	11,496	0	0
PENNANT GROUP INC	COM	70805E109	4,360	188,907	SH	DFND	1 3 4	188,907	0	0
PENNYMAC MTG INVT TR	COM	70931T103	176	10,128	SH	DFND	1 4	10,128	0	0
PENNYMAC MTG INVT TR	COM	70931T103	11,200	646,295	SH	DFND	1 3 4	646,295	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	225	2,099	SH	DFND	1 4	2,099	0	0
PENTAIR PLC	SHS	G7S00T104	815	11,158	SH	DFND	1 4	11,158	0	0
PENTAIR PLC	SHS	G7S00T104	21,459	293,840	SH	DFND	1 3 4	293,840	0	0
PENUMBRA INC	COM	70975L107	33,610	116,978	SH	DFND	1 3 4	116,978	0	0
PENUMBRA INC	COM	70975L107	1,077	3,747	SH	DFND	1 4	3,747	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	8,675	486,840	SH	DFND	1 3 4	486,840	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	511	28,701	SH	DFND	1 4	28,701	0	0
PEPSICO INC	COM	713448108	345,663	1,989,888	SH	DFND	1 3 4	1,989,888	0	0
PEPSICO INC	COM	713448108	15,030	86,523	SH	DFND	1 4	86,523	0	0
PERDOCEO ED CORP	COM	71363P106	5,493	467,091	SH	DFND	1 3 4	467,091	0	0
PERFICIENT INC	COM	71375U101	716	5,537	SH	DFND	1 4	5,537	0	0
PERFICIENT INC	COM	71375U101	37,243	288,061	SH	DFND	1 3 4	288,061	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	58,205	1,268,354	SH	DFND	1 3 4	1,268,354	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	1,132	24,674	SH	DFND	1 4	24,674	0	0
PERIMETER SOLUTIONS SA	COMMON STOCK	L7579L106	128,192	9,229,126	SH	DFND	1 3 4	9,229,126	0	0
PERKINELMER INC	COM	714046109	33,181	165,032	SH	DFND	1 3 4	165,032	0	0
PERKINELMER INC	COM	714046109	1,707	8,489	SH	DFND	1 4	8,489	0	0
PERRIGO CO PLC	SHS	G97822103	17,955	461,565	SH	DFND	1 3 4	461,565	0	0
PERRIGO CO PLC	SHS	G97822103	348	8,950	SH	DFND	1 4	8,950	0	0
PETCO HEALTH & WELLNESS CO I	COM	71601V105	28,965	1,463,629	SH	DFND	1 3 4	1,463,629	0	0
PETIQ INC	COM CL A	71639T106	1,732	76,248	SH	DFND	1 3 4	76,248	0	0
PETMED EXPRESS INC	COM	716382106	3,524	139,511	SH	DFND	1 3 4	139,511	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	5,193	472,979	SH	DFND	1 3 4	472,979	0	0
PFIZER INC	COM	717081103	641,552	10,872,648	SH	DFND	1 3 4	10,872,648	0	0
PFIZER INC	COM	717081103	8,894	150,614	SH	DFND	1 4	150,614	0	0
PG&E CORP	COM	69331C108	1,235	101,745	SH	DFND	1 4	101,745	0	0
PG&E CORP	COM	69331C108	438	36,109	SH	DFND	1 3 4	36,109	0	0
PGT INNOVATIONS INC	COM	69336V101	8,938	397,419	SH	DFND	1 3 4	397,419	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	12,358	600,334	SH	DFND	1 3 4	600,334	0	0
PHILIP MORRIS INTL INC	COM	718172109	170,240	1,791,998	SH	DFND	1 3 4	1,791,998	0	0
PHILIP MORRIS INTL INC	COM	718172109	3,991	42,010	SH	DFND	1 4	42,010	0	0
PHILLIPS 66	COM	718546104	45,255	624,552	SH	DFND	1 3 4	624,552	0	0
PHILLIPS 66	COM	718546104	2,135	29,465	SH	DFND	1 4	29,465	0	0
PHOTRONICS INC	COM	719405102	7,686	407,730	SH	DFND	1 3 4	407,730	0	0
PHREESIA INC	COM	71944F106	352	8,439	SH	DFND	1 4	8,439	0	0
PHREESIA INC	COM	71944F106	2,320	55,691	SH	DFND	1 3 4	55,691	0	0
PHYSICIANS RLTY TR	COM	71943U104	932	49,503	SH	DFND	2 3 4	49,503	0	0
PHYSICIANS RLTY TR	COM	71943U104	360	19,117	SH	DFND	1 4	19,117	0	0
PHYSICIANS RLTY TR	COM	71943U104	13,818	733,804	SH	DFND	1 3 4	733,804	0	0
PIEDMONT LITHIUM INC	COM	72016P105	11,379	216,910	SH	DFND	1 3 4	216,910	0	0
PIEDMONT OFFICE	COM CL A	720190206	199	10,807	SH	DFND	1 4	10,807	0	0

REALTY TR IN											
PILGRIMS PRIDE CORP	COM	72147K108	4,578	162,340	SH	DFND	1 3 4	162,340	0	0	
PINDUODUO INC	SPONSORED ADS	722304102	934	16,021	SH	DFND	1 3 4	16,021	0	0	
PINNACLE FINL PARTNERS INC	COM	72346Q104	26,150	273,820	SH	DFND	1 3 4	273,820	0	0	
PINNACLE FINL PARTNERS INC	COM	72346Q104	478	5,009	SH	DFND	1 4	5,009	0	0	
PINNACLE WEST CAP CORP	COM	723484101	9,010	127,642	SH	DFND	1 3 4	127,642	0	0	
PINNACLE WEST CAP CORP	COM	723484101	539	7,637	SH	DFND	1 4	7,637	0	0	
PINTEREST INC	CL A	72352L106	2,216	60,972	SH	DFND	1 4	60,972	0	0	
PINTEREST INC	CL A	72352L106	14,998	412,597	SH	DFND	1 3 4	412,597	0	0	
PIONEER NAT RES CO	COM	723787107	76,994	423,323	SH	DFND	1 3 4	423,323	0	0	
PIONEER NAT RES CO	COM	723787107	3,364	18,495	SH	DFND	1 4	18,495	0	0	
PIPER SANDLER COMPANIES	COM	724078100	73,237	410,268	SH	DFND	1 3 4	410,268	0	0	
PIPER SANDLER COMPANIES	COM	724078100	271	1,517	SH	DFND	1 4	1,517	0	0	
PITNEY BOWES INC	COM	724479100	7,301	1,101,207	SH	DFND	1 3 4	1,101,207	0	0	
PITNEY BOWES INC	COM	724479100	198	29,909	SH	DFND	1 4	29,909	0	0	
PJT PARTNERS INC	COM CL A	69343T107	276	3,730	SH	DFND	1 4	3,730	0	0	
PLANET FITNESS INC	CL A	72703H101	482	5,316	SH	DFND	1 3 4	5,316	0	0	
PLANET FITNESS INC	CL A	72703H101	721	7,965	SH	DFND	1 4	7,965	0	0	
PLANTRONICS INC NEW	COM	727493108	8,348	284,523	SH	DFND	1 3 4	284,523	0	0	
PLAYTIKA HLDG CORP	COM	72815L107	194	11,246	SH	DFND	1 4	11,246	0	0	
PLEXUS CORP	COM	729132100	18,045	188,180	SH	DFND	1 3 4	188,180	0	0	
PLEXUS CORP	COM	729132100	432	4,502	SH	DFND	1 4	4,502	0	0	
PLUG POWER INC	COM NEW	72919P202	24,553	869,734	SH	DFND	1 3 4	869,734	0	0	
PLUG POWER INC	COM NEW	72919P202	1,562	55,346	SH	DFND	1 4	55,346	0	0	
PLYMOUTH INDL REIT INC	COM	729640102	6,848	214,005	SH	DFND	2 3 4	214,005	0	0	
PMV PHARMACEUTICALS INC	COM	69353Y103	13,790	596,962	SH	DFND	1 3 4	596,962	0	0	
PNC FINL SVCS GROUP INC	COM	693475105	369,078	1,840,818	SH	DFND	1 3 4	1,840,818	0	0	
PNC FINL SVCS GROUP INC	COM	693475105	2,290	11,418	SH	DFND	1 4	11,418	0	0	
PNM RES INC	COM	69349H107	13,045	286,009	SH	DFND	1 3 4	286,009	0	0	
PNM RES INC	COM	69349H107	339	7,424	SH	DFND	1 4	7,424	0	0	
POLARIS INC	COM	731068102	21,508	195,684	SH	DFND	1 3 4	195,684	0	0	
POLARIS INC	COM	731068102	605	5,509	SH	DFND	1 4	5,509	0	0	
POOL CORP	COM	73278L105	30,197	53,352	SH	DFND	1 3 4	53,352	0	0	
POOL CORP	COM	73278L105	2,387	4,218	SH	DFND	1 4	4,218	0	0	
POPULAR INC	COM NEW	733174700	437	5,327	SH	DFND	1 4	5,327	0	0	
PORCH GROUP INC	COM	733245104	204	13,114	SH	DFND	1 4	13,114	0	0	
PORTILLOS INC	COM CL A	73642K106	28,882	769,369	SH	DFND	1 3 4	769,369	0	0	
PORTLAND GEN ELEC CO	COM NEW	736508847	61,353	1,159,390	SH	DFND	1 3 4	1,159,390	0	0	
PORTLAND GEN ELEC CO	COM NEW	736508847	413	7,805	SH	DFND	1 4	7,805	0	0	
POST HLDGS INC	COM	737446104	21,982	194,999	SH	DFND	1 3 4	194,999	0	0	
POST HLDGS INC	COM	737446104	450	3,993	SH	DFND	1 4	3,993	0	0	
POTLATCHDELTIC CORPORATION	COM	737630103	18,732	311,060	SH	DFND	1 3 4	311,060	0	0	
POTLATCHDELTIC CORPORATION	COM	737630103	345	5,727	SH	DFND	1 4	5,727	0	0	
POWELL INDS INC	COM	739128106	1,773	60,112	SH	DFND	1 3 4	60,112	0	0	
POWER INTEGRATIONS INC	COM	739276103	18,694	201,247	SH	DFND	1 3 4	201,247	0	0	
POWER INTEGRATIONS INC	COM	739276103	954	10,269	SH	DFND	1 4	10,269	0	0	
PPG INDS INC	COM	693506107	196,359	1,139,929	SH	DFND	1 3 4	1,139,929	0	0	
PPG INDS INC	COM	693506107	3,457	20,050	SH	DFND	1 4	20,050	0	0	



PPL CORP	COM	69351T106	25,980	864,267	SH	DFND	1 3 4	864,267	0	0
PPL CORP	COM	69351T106	1,522	50,627	SH	DFND	1 4	50,627	0	0
PRA GROUP INC	COM	69354N106	14,591	290,590	SH	DFND	1 3 4	290,590	0	0
PRECIGEN INC	COM	74017N105	92	24,731	SH	DFND	1 3 4	24,731	0	0
PRECIGEN INC	COM	74017N105	55	14,943	SH	DFND	1 4	14,943	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	5,043	681,536	SH	DFND	1 3 4	681,536	0	0
PREFERRED APT CMNTYS INC	COM	74039L103	1,060	58,708	SH	DFND	1 3 4	58,708	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	7,732	107,712	SH	DFND	1 3 4	107,712	0	0
PREMIER FINANCIAL CORP	COM	74052F108	856	27,699	SH	DFND	1 3 4	27,699	0	0
PREMIER INC	CL A	74051N102	6,304	153,133	SH	DFND	1 3 4	153,133	0	0
PREMIER INC	CL A	74051N102	338	8,216	SH	DFND	1 4	8,216	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	22,968	378,695	SH	DFND	1 3 4	378,695	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	265	4,364	SH	DFND	1 4	4,364	0	0
PRICE T ROWE GROUP INC	COM	74144T108	58,152	295,728	SH	DFND	1 3 4	295,728	0	0
PRICE T ROWE GROUP INC	COM	74144T108	3,583	18,223	SH	DFND	1 4	18,223	0	0
PRICESMART INC	COM	741511109	12,738	174,085	SH	DFND	1 3 4	174,085	0	0
PRIMERICA INC	COM	74164M108	21,814	142,326	SH	DFND	1 3 4	142,326	0	0
PRIMERICA INC	COM	74164M108	404	2,636	SH	DFND	1 4	2,636	0	0
PRIMO WATER CORPORATION	COM	74167P108	242	13,706	SH	DFND	1 4	13,706	0	0
PRIMORIS SVCS CORP	COM	74164F103	1,360	56,716	SH	DFND	1 3 4	56,716	0	0
PRINCIPAL EXCHANGE-TRADED FD	ACTIVE HIGH YL	74255Y102	197,764	9,494,200	SH	DFND	1 3 4	9,494,200	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN HLTHCRE INV	74255Y409	40,256	850,000	SH	DFND	1 3 4	850,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SMCP MLTFCTR	74255Y607	1,159,107	24,450,000	SH	DFND	1 3 4	24,450,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SMCP MLTFCTR	74255Y607	5,355	200,965	SH	DFND	1 4	200,965	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SMCP MLTFCTR	74255Y607	19,569	412,652	SH	SOLE		0	0	412,652
PRINCIPAL EXCHANGE-TRADED FD	PRIN US LRG CAP	74255Y748	5,751	198,571	SH	DFND	1 4	198,571	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN INTL ADAPTV	74255Y755	9,839	390,001	SH	DFND	1 4	390,001	0	0
PRINCIPAL EXCHANGE-TRADED FD	SPECTRUM TAX ADV	74255Y763	20,960	995,521	SH	DFND	1 4	995,521	0	0
PRINCIPAL EXCHANGE-TRADED FD	ULTRA SHT ACTV	74255Y813	4,892	199,681	SH	DFND	1 4	199,681	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRNC INVT GRAD	74255Y821	459,267	17,450,000	SH	DFND	1 3 4	17,450,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CP ETF	74255Y870	1,553,333	35,051,114	SH	DFND	1 3 4	35,051,114	0	0
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CP ETF	74255Y870	41,767	942,814	SH	SOLE		0	0	942,814
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	20,475	283,084	SH	DFND	1 3 4	283,084	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	26,025	1,005,989	SH	DFND	1 3 4	1,005,989	0	0
PROASSURANCE CORP	COM	74267C106	9,094	359,434	SH	DFND	1 3 4	359,434	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	461	5,765	SH	DFND	1 4	5,765	0	0
PROCTER AND GAMBLE CO	COM	742718109	529,475	3,236,796	SH	DFND	1 3 4	3,236,796	0	0
PROCTER AND GAMBLE CO	COM	742718109	10,621	64,930	SH	DFND	1 4	64,930	0	0
PROG HOLDINGS INC	COM NPV	74319R101	24,414	541,202	SH	DFND	1 3 4	541,202	0	0
PROG HOLDINGS INC	COM NPV	74319R101	294	6,511	SH	DFND	1 4	6,511	0	0
PROGRESS SOFTWARE CORP	COM	743312100	16,308	337,859	SH	DFND	1 3 4	337,859	0	0
PROGRESS SOFTWARE	COM	743312100	361	7,478	SH	DFND	1 4	7,478	0	0

CORP										
PROGRESSIVE CORP	COM	743315103	468,533	4,583,762	SH	DFND	1 3 4	4,583,762	0	0
PROGRESSIVE CORP	COM	743315103	1,613	15,718	SH	DFND	1 4	15,718	0	0
PROGYNY INC	COM	74340E103	11,679	231,947	SH	DFND	1 3 4	231,947	0	0
PROGYNY INC	COM	74340E103	552	10,958	SH	DFND	1 4	10,958	0	0
PROLOGIS INC.	COM	74340W103	202,962	1,205,524	SH	DFND	1 3 4	1,205,524	0	0
PROLOGIS INC.	COM	74340W103	3,348	19,883	SH	DFND	1 4	19,883	0	0
PROLOGIS INC.	COM	74340W103	1,598,553	9,533,712	SH	DFND	2 3 4	9,533,712	0	0
PROPETRO HLDG CORP	COM	74347M108	4,568	564,001	SH	DFND	1 3 4	564,001	0	0
PROS HOLDINGS INC	COM	74346Y103	234	6,798	SH	DFND	1 4	6,798	0	0
PROSPERITY BANCSHARES INC	COM	743606105	22,197	307,009	SH	DFND	1 3 4	307,009	0	0
PROSPERITY BANCSHARES INC	COM	743606105	438	6,056	SH	DFND	1 4	6,056	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	260	7,607	SH	DFND	1 4	7,607	0	0
PROTHENA CORP PLC	SHS	G72800108	1,734	35,101	SH	DFND	1 3 4	35,101	0	0
PROTHENA CORP PLC	SHS	G72800108	268	5,424	SH	DFND	1 4	5,424	0	0
PROTO LABS INC	COM	743713109	9,427	183,575	SH	DFND	1 3 4	183,575	0	0
PROVIDENT FINL SVCS INC	COM	74386T105	41,245	1,702,931	SH	DFND	1 3 4	1,702,931	0	0
PRUDENTIAL FINL INC	COM	744320102	2,758	25,479	SH	DFND	1 4	25,479	0	0
PRUDENTIAL FINL INC	COM	744320102	48,853	451,336	SH	DFND	1 3 4	451,336	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	19,345	105,042	SH	DFND	1 3 4	105,042	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	584	3,169	SH	DFND	1 4	3,169	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	180,430	983,842	SH	DFND	2 3 4	983,842	0	0
PTC INC	COM	69370C100	14,966	123,530	SH	DFND	1 3 4	123,530	0	0
PTC INC	COM	69370C100	1,384	11,424	SH	DFND	1 4	11,424	0	0
PTC THERAPEUTICS INC	COM	69366J200	337	8,465	SH	DFND	1 3 4	8,465	0	0
PTC THERAPEUTICS INC	COM	69366J200	470	11,810	SH	DFND	1 4	11,810	0	0
PUBLIC STORAGE	COM	74460D109	261,480	700,383	SH	DFND	2 3 4	700,383	0	0
PUBLIC STORAGE	COM	74460D109	76,534	204,331	SH	DFND	1 3 4	204,331	0	0
PUBLIC STORAGE	COM	74460D109	3,372	9,003	SH	DFND	1 4	9,003	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	2,264	33,935	SH	DFND	1 4	33,935	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	38,793	581,339	SH	DFND	1 3 4	581,339	0	0
PUBMATIC INC	COM CL A	74467Q103	6,022	176,869	SH	DFND	1 3 4	176,869	0	0
PULMONX CORP	COM	745848101	529	16,486	SH	DFND	1 3 4	16,486	0	0
PULTE GROUP INC	COM	745867101	19,596	342,820	SH	DFND	1 3 4	342,820	0	0
PULTE GROUP INC	COM	745867101	1,150	20,118	SH	DFND	1 4	20,118	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	153	50,445	SH	DFND	1 3 4	50,445	0	0
PURE CYCLE CORP	COM NEW	746228303	184	12,573	SH	DFND	1 3 4	12,573	0	0
PURE STORAGE INC	CL A	74624M102	920	28,268	SH	DFND	1 4	28,268	0	0
PURPLE INNOVATION INC	COM	74640Y106	16,402	1,236,047	SH	DFND	1 3 4	1,236,047	0	0
PVH CORPORATION	COM	693656100	508	4,764	SH	DFND	1 4	4,764	0	0
PVH CORPORATION	COM	693656100	8,575	80,403	SH	DFND	1 3 4	80,403	0	0
Q2 HLDGS INC	COM	74736L109	739	9,300	SH	DFND	1 4	9,300	0	0
QCR HOLDINGS INC	COM	74727A104	1,069	19,091	SH	DFND	1 3 4	19,091	0	0
QIAGEN NV	SHS NEW	N72482123	849	15,276	SH	DFND	1 4	15,276	0	0
QORVO INC	COM	74736K101	19,841	126,866	SH	DFND	1 3 4	126,866	0	0
QORVO INC	COM	74736K101	1,167	7,463	SH	DFND	1 4	7,463	0	0
QUAKER HOUGHTON	COM	747316107	20,629	89,386	SH	DFND	1 3 4	89,386	0	0
QUAKER HOUGHTON	COM	747316107	530	2,296	SH	DFND	1 4	2,296	0	0
QUALCOMM INC	COM	747525103	244,932	1,339,380	SH	DFND	1 3 4	1,339,380	0	0
QUALCOMM INC	COM	747525103	14,427	78,891	SH	DFND	1 4	78,891	0	0
QUALTRICS INTL INC	COM CL A	747601201	48,133	1,351,391	SH	DFND	1 3 4	1,351,391	0	0
QUALYS INC	COM	74758T303	796	5,799	SH	DFND	1 4	5,799	0	0
QUALYS INC	COM	74758T303	15,261	111,219	SH	DFND	1 3 4	111,219	0	0

QUANEX BLDG PRODS CORP	COM	747619104	6,305	254,444	SH	DFND	1 3 4	254,444	0	0
QUANTA SVCS INC	COM	74762E102	19,979	174,243	SH	DFND	1 3 4	174,243	0	0
QUANTA SVCS INC	COM	74762E102	1,092	9,523	SH	DFND	1 4	9,523	0	0
QUANTERIX CORP	COM	74766Q101	1,045	24,642	SH	DFND	1 3 4	24,642	0	0
QUANTERIX CORP	COM	74766Q101	223	5,248	SH	DFND	1 4	5,248	0	0
QUANTUM SI INC	COM CL A	74765K105	110	13,939	SH	DFND	1 3 4	13,939	0	0
QUANTUMSCAPE CORP	COM CL A	74767V109	524	23,619	SH	DFND	1 4	23,619	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	32,143	185,787	SH	DFND	1 3 4	185,787	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	1,420	8,206	SH	DFND	1 4	8,206	0	0
QUIDEL CORP	COM	74838J101	17,053	126,327	SH	DFND	1 3 4	126,327	0	0
QUIDEL CORP	COM	74838J101	336	2,492	SH	DFND	1 4	2,492	0	0
QUINSTREET INC	COM	74874Q100	6,047	332,418	SH	DFND	1 3 4	332,418	0	0
QUOTIENT LTD	SHS	G73268107	35	13,604	SH	DFND	1 4	13,604	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	114	15,343	SH	DFND	1 4	15,343	0	0
QURATE RETAIL INC	COM SER A	74915M100	5,740	755,254	SH	DFND	1 3 4	755,254	0	0
QURATE RETAIL INC	COM SER A	74915M100	188	24,801	SH	DFND	1 4	24,801	0	0
R1 RCM INC	COM	749397105	11,314	443,866	SH	DFND	1 3 4	443,866	0	0
R1 RCM INC	COM	749397105	515	20,204	SH	DFND	1 4	20,204	0	0
RADIAN GROUP INC	COM	750236101	7,568	358,165	SH	DFND	1 3 4	358,165	0	0
RADIAN GROUP INC	COM	750236101	330	15,626	SH	DFND	1 4	15,626	0	0
RADIUS HEALTH INC	COM NEW	750469207	407	58,750	SH	DFND	1 3 4	58,750	0	0
RADNET INC	COM	750491102	9,919	329,420	SH	DFND	1 3 4	329,420	0	0
RADNET INC	COM	750491102	233	7,727	SH	DFND	1 4	7,727	0	0
RALPH LAUREN CORP	CL A	751212101	382	3,210	SH	DFND	1 4	3,210	0	0
RALPH LAUREN CORP	CL A	751212101	6,871	57,809	SH	DFND	1 3 4	57,809	0	0
RAMBUS INC DEL	COM	750917106	278	9,453	SH	DFND	1 4	9,453	0	0
RAMBUS INC DEL	COM	750917106	21,411	728,505	SH	DFND	1 3 4	728,505	0	0
RANGE RES CORP	COM	75281A109	29,646	1,662,708	SH	DFND	1 3 4	1,662,708	0	0
RANGE RES CORP	COM	75281A109	370	20,731	SH	DFND	1 4	20,731	0	0
RANGER OIL CORPORATION	CLASS A COM	70788V102	3,782	140,487	SH	DFND	1 3 4	140,487	0	0
RAPID7 INC	COM	753422104	1,126	9,569	SH	DFND	1 4	9,569	0	0
RAYMOND JAMES FINL INC	COM	754730109	77,309	777,331	SH	DFND	1 3 4	777,331	0	0
RAYMOND JAMES FINL INC	COM	754730109	1,290	12,857	SH	DFND	1 4	12,857	0	0
RAYONIER ADVANCED MATLS INC	COM	75508B104	2,422	424,090	SH	DFND	1 3 4	424,090	0	0
RAYONIER INC	COM	754907103	19,246	476,852	SH	DFND	1 3 4	476,852	0	0
RAYONIER INC	COM	754907103	378	9,372	SH	DFND	1 4	9,372	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	147,665	1,715,836	SH	DFND	1 3 4	1,715,836	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	3,476	40,386	SH	DFND	1 4	40,386	0	0
RBC BEARINGS INC	COM	75524B104	557	2,758	SH	DFND	1 4	2,758	0	0
RCI HOSPITALITY HLDGS INC	COM	74934Q108	259	3,321	SH	DFND	1 3 4	3,321	0	0
RE MAX HLDGS INC	CL A	75524W108	4,738	155,408	SH	DFND	1 3 4	155,408	0	0
READY CAPITAL CORP	COM	75574U101	6,135	392,518	SH	DFND	1 3 4	392,518	0	0
REALOGY HLDGS CORP	COM	75605Y106	13,047	776,148	SH	DFND	1 3 4	776,148	0	0
REALOGY HLDGS CORP	COM	75605Y106	169	10,038	SH	DFND	1 4	10,038	0	0
REALTY INCOME CORP	COM	756109104	169,269	2,365,668	SH	DFND	1 3 4	2,365,668	0	0
REALTY INCOME CORP	COM	756109104	2,726	38,083	SH	DFND	1 4	38,083	0	0
RECURSION PHARMACEUTICALS IN	CL A	75629V104	326	19,033	SH	DFND	1 3 4	19,033	0	0
RECURSION PHARMACEUTICALS IN	CL A	75629V104	282	16,438	SH	DFND	1 4	16,438	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	1,729	104,569	SH	DFND	1 3 4	104,569	0	0
RED ROCK RESORTS INC	CL A	75700L108	557	10,131	SH	DFND	1 4	10,131	0	0
REDFIN CORP	COM	75737F108	674	17,557	SH	DFND	1 4	17,557	0	0

REDWOOD TR INC	COM	758075402	10,085	764,613	SH	DFND	1 3 4	764,613	0	0
REGAL REXNORD CORPORATION	COM	758750103	84,454	496,258	SH	DFND	1 3 4	496,258	0	0
REGAL REXNORD CORPORATION	COM	758750103	880	5,169	SH	DFND	1 4	5,169	0	0
REGENCY CTRS CORP	COM	758849103	21,356	283,418	SH	DFND	1 3 4	283,418	0	0
REGENCY CTRS CORP	COM	758849103	859	11,397	SH	DFND	1 4	11,397	0	0
REGENCY CTRS CORP	COM	758849103	412,043	5,476,969	SH	DFND	2 3 4	5,476,969	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	77,507	122,731	SH	DFND	1 3 4	122,731	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	1,989	3,150	SH	DFND	1 4	3,150	0	0
REGENXBIO INC	COM	75901B107	8,356	255,530	SH	DFND	1 3 4	255,530	0	0
REGIONAL MGMT CORP	COM	75902K106	722	12,568	SH	DFND	1 3 4	12,568	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	26,977	1,237,473	SH	DFND	1 3 4	1,237,473	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	1,411	64,702	SH	DFND	1 4	64,702	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	28,998	264,845	SH	DFND	1 3 4	264,845	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	503	4,598	SH	DFND	1 4	4,598	0	0
RELAY THERAPEUTICS INC	COM	75943R102	342	11,139	SH	DFND	1 3 4	11,139	0	0
RELAY THERAPEUTICS INC	COM	75943R102	346	11,261	SH	DFND	1 4	11,261	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	35,382	218,113	SH	DFND	1 3 4	218,113	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	680	4,194	SH	DFND	1 4	4,194	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	25,958	153,300	SH	DFND	1 3 4	153,300	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	665	3,925	SH	DFND	1 4	3,925	0	0
RENASANT CORP	COM	75970E107	14,103	371,608	SH	DFND	1 3 4	371,608	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	14,196	334,491	SH	DFND	1 3 4	334,491	0	0
RENT A CTR INC NEW	COM	76009N100	21,886	455,579	SH	DFND	1 3 4	455,579	0	0
RENT A CTR INC NEW	COM	76009N100	522	10,857	SH	DFND	1 4	10,857	0	0
REPAY HLDGS CORP	COM CL A	76029L100	196	10,707	SH	DFND	1 4	10,707	0	0
REPLIGEN CORP	COM	759916109	49,076	185,305	SH	DFND	1 3 4	185,305	0	0
REPLIGEN CORP	COM	759916109	1,538	5,809	SH	DFND	1 4	5,809	0	0
REPUBLIC SVCS INC	COM	760759100	66,208	474,781	SH	DFND	1 3 4	474,781	0	0
REPUBLIC SVCS INC	COM	760759100	1,971	14,137	SH	DFND	1 4	14,137	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	27,650	1,062,225	SH	DFND	1 3 4	1,062,225	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	363	13,936	SH	DFND	1 4	13,936	0	0
RESMED INC	COM	761152107	44,876	172,283	SH	DFND	1 3 4	172,283	0	0
RESMED INC	COM	761152107	3,910	15,011	SH	DFND	1 4	15,011	0	0
RESOURCES CONNECTION INC	COM	76122Q105	4,126	231,274	SH	DFND	1 3 4	231,274	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	6,447	105,362	SH	DFND	1 3 4	105,362	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	15,843	808,334	SH	DFND	1 3 4	808,334	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	202	10,308	SH	DFND	1 4	10,308	0	0
RETAIL VALUE INC	COM	76133Q102	155	24,140	SH	DFND	1 3 4	24,140	0	0
REV GROUP INC	COM	749527107	511	36,133	SH	DFND	1 3 4	36,133	0	0
REVANCE THERAPEUTICS INC	COM	761330109	195	11,937	SH	DFND	1 4	11,937	0	0
REVOLUTION MEDICINES INC	COM	76155X100	222	8,805	SH	DFND	1 3 4	8,805	0	0
REVOLVE GROUP INC	CL A	76156B107	46,674	832,881	SH	DFND	1 3 4	832,881	0	0
REVOLVE GROUP INC	CL A	76156B107	280	5,002	SH	DFND	1 4	5,002	0	0
REX AMERICAN RES CORP	COM	761624105	3,356	34,962	SH	DFND	1 3 4	34,962	0	0

REXFORD INDL RLTY INC	COM	76169C100	86,977	1,072,339	SH	DFND	1 3 4	1,072,339	0	0
REXFORD INDL RLTY INC	COM	76169C100	828	10,205	SH	DFND	1 4	10,205	0	0
REXFORD INDL RLTY INC	COM	76169C100	672,073	8,308,874	SH	DFND	2 3 4	8,308,874	0	0
REYNOLDS CONSUMER PRODS INC	COM	76171L106	212	6,741	SH	DFND	1 3 4	6,741	0	0
RH	COM	74967X103	30,966	57,778	SH	DFND	1 3 4	57,778	0	0
RH	COM	74967X103	1,016	1,895	SH	DFND	1 4	1,895	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	416	68,826	SH	DFND	1 3 4	68,826	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	77	29,059	SH	DFND	1 4	29,059	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	54	20,450	SH	DFND	1 3 4	20,450	0	0
RIMINI STR INC DEL	COM	76674Q107	269	45,073	SH	DFND	1 3 4	45,073	0	0
RINGCENTRAL INC	CL A	76680R206	351	1,874	SH	DFND	1 3 4	1,874	0	0
RINGCENTRAL INC	CL A	76680R206	1,660	8,861	SH	DFND	1 4	8,861	0	0
RIOT BLOCKCHAIN INC	COM	767292105	338	15,131	SH	DFND	1 4	15,131	0	0
RIVIAN AUTOMOTIVE INC	COM CL A	76954A103	745	7,185	SH	DFND	1 3 4	7,185	0	0
RIVIAN AUTOMOTIVE INC	COM CL A	76954A103	556	5,365	SH	DFND	1 4	5,365	0	0
RLI CORP	COM	749607107	14,868	132,628	SH	DFND	1 3 4	132,628	0	0
RLI CORP	COM	749607107	736	6,564	SH	DFND	1 4	6,564	0	0
RLJ LODGING TR	COM	74965L101	201	14,414	SH	DFND	1 4	14,414	0	0
RMR GROUP INC	CL A	74967R106	415	11,980	SH	DFND	1 3 4	11,980	0	0
ROBERT HALF INTL INC	COM	770323103	41,176	369,227	SH	DFND	1 3 4	369,227	0	0
ROBERT HALF INTL INC	COM	770323103	1,260	11,302	SH	DFND	1 4	11,302	0	0
ROCKET COS INC	COM CL A	77311W101	211	15,084	SH	DFND	1 4	15,084	0	0
ROCKWELL AUTOMATION INC	COM	773903109	3,737	10,711	SH	DFND	1 4	10,711	0	0
ROCKWELL AUTOMATION INC	COM	773903109	47,466	136,063	SH	DFND	1 3 4	136,063	0	0
ROGERS CORP	COM	775133101	38,051	139,380	SH	DFND	1 3 4	139,380	0	0
ROGERS CORP	COM	775133101	819	2,999	SH	DFND	1 4	2,999	0	0
ROKU INC	COM CL A	77543R102	11,013	48,258	SH	DFND	1 3 4	48,258	0	0
ROKU INC	COM CL A	77543R102	2,914	12,771	SH	DFND	1 4	12,771	0	0
ROLLINS INC	COM	775711104	10,430	304,899	SH	DFND	1 3 4	304,899	0	0
ROLLINS INC	COM	775711104	822	24,040	SH	DFND	1 4	24,040	0	0
ROMEO POWER INC	COM	776153108	70	19,248	SH	DFND	1 4	19,248	0	0
ROPER TECHNOLOGIES INC	COM	776696106	1,069,593	2,182,517	SH	DFND	1 3 4	2,182,517	0	0
ROPER TECHNOLOGIES INC	COM	776696106	1,387	2,819	SH	DFND	1 4	2,819	0	0
ROSS STORES INC	COM	778296103	223,738	1,961,018	SH	DFND	1 3 4	1,961,018	0	0
ROSS STORES INC	COM	778296103	2,797	24,476	SH	DFND	1 4	24,476	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	19,772	257,118	SH	DFND	1 3 4	257,118	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	1,135	14,763	SH	DFND	1 4	14,763	0	0
ROYAL GOLD INC	COM	780287108	464	4,409	SH	DFND	1 4	4,409	0	0
ROYAL GOLD INC	COM	780287108	23,003	218,642	SH	DFND	1 3 4	218,642	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	1,188	29,806	SH	DFND	1 4	29,806	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	330	8,283	SH	DFND	1 3 4	8,283	0	0
RPC INC	COM	749660106	2,150	473,676	SH	DFND	1 3 4	473,676	0	0
RPM INTL INC	COM	749685103	97,101	982,979	SH	DFND	1 3 4	982,979	0	0
RPM INTL INC	COM	749685103	1,177	11,652	SH	DFND	1 4	11,652	0	0
RPT REALTY	SH BEN INT	74971D101	7,509	561,246	SH	DFND	1 3 4	561,246	0	0
RPT REALTY	7.25 PFD D CONV	74971D200	4,401	74,714	SH	DFND	2 3 4	74,714	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	104	10,749	SH	DFND	1 3 4	10,749	0	0

RUSH ENTERPRISES INC	CL A	781846209	50,004	898,714	SH	DFND	1 3 4	898,714	0	0
RUSH ENTERPRISES INC	CL A	781846209	205	3,680	SH	DFND	1 4	3,680	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	4,211	211,590	SH	DFND	1 3 4	211,590	0	0
RYDER SYS INC	COM	783549108	21,931	266,051	SH	DFND	1 3 4	266,051	0	0
RYDER SYS INC	COM	783549108	294	3,567	SH	DFND	1 4	3,567	0	0
RYMAN HOSPITALITY PTYS INC	COM	78377T107	809	8,794	SH	DFND	1 4	8,794	0	0
S & T BANCORP INC	COM	783859101	8,265	262,209	SH	DFND	1 3 4	262,209	0	0
S&P GLOBAL INC	COM	78409V104	300,750	641,570	SH	DFND	1 3 4	641,570	0	0
S&P GLOBAL INC	COM	78409V104	6,516	13,807	SH	DFND	1 4	13,807	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	14,974	1,105,897	SH	DFND	1 3 4	1,105,897	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	268	19,803	SH	DFND	1 4	19,803	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	213,437	15,741,543	SH	DFND	2 3 4	15,741,543	0	0
SABRE CORP	COM	78573M104	9,255	1,077,400	SH	DFND	1 3 4	1,077,400	0	0
SABRE CORP	COM	78573M104	305	35,485	SH	DFND	1 4	35,485	0	0
SAFEHOLD INC	COM	78645L100	7,525	94,241	SH	DFND	1 3 4	94,241	0	0
SAFEHOLD INC	COM	78645L100	236	2,961	SH	DFND	1 4	2,961	0	0
SAFETY INS GROUP INC	COM	78648T100	8,067	94,869	SH	DFND	1 3 4	94,869	0	0
SAGE THERAPEUTICS INC	COM	78667J108	299	7,040	SH	DFND	1 3 4	7,040	0	0
SAIA INC	COM	78709Y105	29,568	87,730	SH	DFND	1 3 4	87,730	0	0
SAIA INC	COM	78709Y105	1,521	4,514	SH	DFND	1 4	4,514	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	752	15,561	SH	DFND	1 4	15,561	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	15,018	310,670	SH	DFND	1 3 4	310,670	0	0
SALESFORCE COM INC	COM	79466L302	8,372	32,944	SH	DFND	1 4	32,944	0	0
SALESFORCE COM INC	COM	79466L302	984,810	3,864,644	SH	DFND	1 3 4	3,864,644	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	52,108	2,822,765	SH	DFND	1 3 4	2,822,765	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	354	19,168	SH	DFND	1 4	19,168	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	350	22,579	SH	DFND	1 3 4	22,579	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	221	14,255	SH	DFND	1 4	14,255	0	0
SANDERSON FARMS INC	COM	800013104	13,502	70,663	SH	DFND	1 3 4	70,663	0	0
SANDERSON FARMS INC	COM	800013104	615	3,219	SH	DFND	1 4	3,219	0	0
SANDY SPRING BANCORP INC	COM	800363103	1,998	41,555	SH	DFND	1 3 4	41,555	0	0
SANFILIPPO JOHN B & SON INC	COM	800422107	5,816	64,512	SH	DFND	1 3 4	64,512	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	130	17,395	SH	DFND	1 3 4	17,395	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	143	19,129	SH	DFND	1 4	19,129	0	0
SANMINA CORPORATION	COM	801056102	20,625	497,479	SH	DFND	1 3 4	497,479	0	0
SANMINA CORPORATION	COM	801056102	228	5,508	SH	DFND	1 4	5,508	0	0
SAP SE	SPON ADR	803054204	113,140	807,735	SH	DFND	1 3 4	807,735	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	864	9,595	SH	DFND	1 3 4	9,595	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	813	9,031	SH	DFND	1 4	9,031	0	0
SAUL CTRS INC	COM	804395101	6,048	114,078	SH	DFND	1 3 4	114,078	0	0
SAUL CTRS INC	COM	804395101	69,189	1,307,764	SH	DFND	2 3 4	1,307,764	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	1,041,214	2,692,804	SH	DFND	1 3 4	2,692,804	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	3,122	8,026	SH	DFND	1 4	8,026	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	64,621	166,113	SH	DFND	2 3 4	166,113	0	0
SCANSOURCE INC	COM	806037107	6,349	180,987	SH	DFND	1 3 4	180,987	0	0

SCHLUMBERGER LTD	COM STK	806857108	53,572	1,788,720	SH	DFND	1 3 4	1,788,720	0	0
SCHLUMBERGER LTD	COM STK	806857108	1,127	37,641	SH	DFND	1 4	37,641	0	0
SCHOLASTIC CORP	COM	807066105	8,772	219,525	SH	DFND	1 3 4	219,525	0	0
SCHRODINGER INC	COM	80810D103	268	7,706	SH	DFND	1 4	7,706	0	0
SCHWAB CHARLES CORP	COM	808513105	316,651	3,779,325	SH	DFND	1 3 4	3,779,325	0	0
SCHWAB CHARLES CORP	COM	808513105	3,409	40,534	SH	DFND	1 4	40,534	0	0
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	6,909	231,086	SH	DFND	1 3 4	231,086	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	326	3,897	SH	DFND	1 4	3,897	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	16,029	191,756	SH	DFND	1 3 4	191,756	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	21,485	321,490	SH	DFND	1 3 4	321,490	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	1,093	16,355	SH	DFND	1 4	16,355	0	0
SCIPLAY CORPORATION	CL A	809087109	690	50,104	SH	DFND	1 3 4	50,104	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	28,841	179,134	SH	DFND	1 3 4	179,134	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	716	4,450	SH	DFND	1 4	4,450	0	0
SCRIPPS E W CO OHIO	CL A NEW	811054402	7,894	407,984	SH	DFND	1 3 4	407,984	0	0
SEA LTD	SPONSORD ADS	81141R100	9,638	43,084	SH	DFND	1 3 4	43,084	0	0
SEABOARD CORP DEL	COM	811543107	346	88	SH	DFND	1 3 4	88	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	13,754	388,649	SH	DFND	1 3 4	388,649	0	0
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	26,637	235,771	SH	DFND	1 3 4	235,771	0	0
SEAGEN INC	COM	81181C104	22,862	147,876	SH	DFND	1 3 4	147,876	0	0
SEAGEN INC	COM	81181C104	2,145	13,877	SH	DFND	1 4	13,877	0	0
SEALED AIR CORP NEW	COM	81211K100	36,987	548,202	SH	DFND	1 3 4	548,202	0	0
SEALED AIR CORP NEW	COM	81211K100	907	13,443	SH	DFND	1 4	13,443	0	0
SEAWORLD ENTMT INC	COM	81282V100	444	6,847	SH	DFND	1 4	6,847	0	0
SEELOS THERAPEUTICS INC	COM	81577F109	20	12,247	SH	DFND	1 3 4	12,247	0	0
SEELOS THERAPEUTICS INC	COM	81577F109	28	17,035	SH	DFND	1 4	17,035	0	0
SEI INVTS CO	COM	784117103	22,521	369,553	SH	DFND	1 3 4	369,553	0	0
SEI INVTS CO	COM	784117103	438	7,192	SH	DFND	1 4	7,192	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	263	42,197	SH	DFND	1 3 4	42,197	0	0
SELECT MED HLDGS CORP	COM	81619Q105	48,553	1,617,201	SH	DFND	1 3 4	1,617,201	0	0
SELECT MED HLDGS CORP	COM	81619Q105	552	18,790	SH	DFND	1 4	18,790	0	0
SELECTA BIOSCIENCES INC	COM	816212104	231	70,741	SH	DFND	1 3 4	70,741	0	0
SELECTIVE INS GROUP INC	COM	816300107	16,411	200,277	SH	DFND	1 3 4	200,277	0	0
SELECTIVE INS GROUP INC	COM	816300107	422	5,153	SH	DFND	1 4	5,153	0	0
SELECTQUOTE INC	COM	816307300	7,516	829,588	SH	DFND	1 3 4	829,588	0	0
SELECTQUOTE INC	COM	816307300	206	22,792	SH	DFND	1 4	22,792	0	0
SEMA4 HOLDINGS CORP	COM CL A	81663L101	128	28,751	SH	DFND	1 3 4	28,751	0	0
SEMPRA	COM	816851109	1,139	8,612	SH	DFND	1 4	8,612	0	0
SEMPRA	COM	816851109	112,311	849,246	SH	DFND	1 3 4	849,246	0	0
SEMTECH CORP	COM	816850101	25,182	283,163	SH	DFND	1 3 4	283,163	0	0
SEMTECH CORP	COM	816850101	978	11,001	SH	DFND	1 4	11,001	0	0
SENECA FOODS CORP NEW	CL A	817070501	2,001	41,741	SH	DFND	1 3 4	41,741	0	0
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	237	3,844	SH	DFND	1 3 4	3,844	0	0
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	646	10,475	SH	DFND	1 4	10,475	0	0

SENSEONICS HLDGS INC	COM	81727U105	142	53,293	SH	DFND	1 3 4	53,293	0	0
SENSEONICS HLDGS INC	COM	81727U105	196	73,499	SH	DFND	1 4	73,499	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	18,647	186,360	SH	DFND	1 3 4	186,360	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	551	5,503	SH	DFND	1 4	5,503	0	0
SENTINELONE INC	CL A	81730H109	14,513	287,453	SH	DFND	1 3 4	287,453	0	0
SERES THERAPEUTICS INC	COM	81750R102	91	10,982	SH	DFND	1 3 4	10,982	0	0
SERES THERAPEUTICS INC	COM	81750R102	98	11,760	SH	DFND	1 4	11,760	0	0
SERVICE CORP INTL	COM	817565104	41,045	578,180	SH	DFND	1 3 4	578,180	0	0
SERVICE CORP INTL	COM	817565104	772	10,876	SH	DFND	1 4	10,876	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	126	14,302	SH	DFND	1 4	14,302	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	9,656	1,098,485	SH	DFND	1 3 4	1,098,485	0	0
SERVICENOW INC	COM	81762P102	183,835	283,211	SH	DFND	1 3 4	283,211	0	0
SERVICENOW INC	COM	81762P102	8,947	13,783	SH	DFND	1 4	13,783	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	89,588	1,066,042	SH	DFND	1 3 4	1,066,042	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	662	7,798	SH	DFND	1 4	7,798	0	0
SESEN BIO INC	COM	817763105	19	23,459	SH	DFND	1 3 4	23,459	0	0
SESEN BIO INC	COM	817763105	28	34,476	SH	DFND	1 4	34,476	0	0
SFL CORPORATION LTD	SHS	G7738W106	88	10,751	SH	DFND	1 4	10,751	0	0
SHAKE SHACK INC	CL A	819047101	18,792	260,427	SH	DFND	1 3 4	260,427	0	0
SHAKE SHACK INC	CL A	819047101	459	6,366	SH	DFND	1 4	6,366	0	0
SHARECARE INC	COM CL A	81948W104	179	39,960	SH	DFND	1 3 4	39,960	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	8,485	332,733	SH	DFND	1 3 4	332,733	0	0
SHERWIN WILLIAMS CO	COM	824348106	155,059	440,328	SH	DFND	1 3 4	440,328	0	0
SHERWIN WILLIAMS CO	COM	824348106	5,921	16,812	SH	DFND	1 4	16,812	0	0
SHIFT4 PMTS INC	CL A	82452J109	278	4,793	SH	DFND	1 4	4,793	0	0
SHOCKWAVE MED INC	COM	82489T104	753	4,224	SH	DFND	1 3 4	4,224	0	0
SHOCKWAVE MED INC	COM	82489T104	1,024	5,740	SH	DFND	1 4	5,740	0	0
SHOE CARNIVAL INC	COM	824889109	5,525	141,364	SH	DFND	1 3 4	141,364	0	0
SHOPIFY INC	CL A	82509L107	161,723	117,413	SH	DFND	1 3 4	117,413	0	0
SHUTTERSTOCK INC	COM	825690100	22,020	198,597	SH	DFND	1 3 4	198,597	0	0
SHUTTERSTOCK INC	COM	825690100	441	3,981	SH	DFND	1 4	3,981	0	0
SHYFT GROUP INC	COM	825698103	1,301	26,475	SH	DFND	1 3 4	26,475	0	0
SHYFT GROUP INC	COM	825698103	289	5,887	SH	DFND	1 4	5,887	0	0
SI-BONE INC	COM	825704109	992	44,646	SH	DFND	1 3 4	44,646	0	0
SIENTRA INC	COM	82621J105	302	82,329	SH	DFND	1 3 4	82,329	0	0
SIGA TECHNOLOGIES INC	COM	826917106	285	37,837	SH	DFND	1 3 4	37,837	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	1,291	3,991	SH	DFND	1 4	3,991	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	59,107	182,726	SH	DFND	1 3 4	182,726	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	37,372	429,410	SH	DFND	1 3 4	429,410	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	697	8,009	SH	DFND	1 4	8,009	0	0
SIGNIFY HEALTH INC	CL A COM	82671G100	13,184	927,155	SH	DFND	1 3 4	927,155	0	0
SILGAN HOLDINGS INC	COM	827048109	17,630	411,537	SH	DFND	1 3 4	411,537	0	0
SILGAN HOLDINGS INC	COM	827048109	241	5,635	SH	DFND	1 4	5,635	0	0
SILICON LABORATORIES INC	COM	826919102	27,633	133,870	SH	DFND	1 3 4	133,870	0	0
SILICON LABORATORIES INC	COM	826919102	1,401	6,785	SH	DFND	1 4	6,785	0	0
SILK RD MED INC	COM	82710M100	1,212	28,442	SH	DFND	1 3 4	28,442	0	0
SILK RD MED INC	COM	82710M100	250	5,859	SH	DFND	1 4	5,859	0	0
SILVERBOW RES INC	COM	82836G102	252	11,593	SH	DFND	1 3 4	11,593	0	0
SILVERGATE CAP CORP	CL A	82837P408	694	4,682	SH	DFND	1 4	4,682	0	0



SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	25,933	876,712	SH	DFND	1 3 4	876,712	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	292	9,869	SH	DFND	1 4	9,869	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	5,373	33,631	SH	DFND	1 4	33,631	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	249,385	1,565,691	SH	DFND	2 3 4	1,565,691	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	65,804	411,866	SH	DFND	1 3 4	411,866	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	36,500	878,047	SH	DFND	1 3 4	878,047	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	324	7,793	SH	DFND	1 4	7,793	0	0
SIMPSON MFG INC	COM	829073105	20,124	144,701	SH	DFND	1 3 4	144,701	0	0
SIMPSON MFG INC	COM	829073105	1,031	7,411	SH	DFND	1 4	7,411	0	0
SIMULATIONS PLUS INC	COM	829214105	5,822	123,094	SH	DFND	1 3 4	123,094	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	967	36,575	SH	DFND	1 3 4	36,575	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	582	91,615	SH	DFND	1 3 4	91,615	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	379	59,736	SH	DFND	1 4	59,736	0	0
SIRIUSPOINT LTD	COM	G8192H106	4,736	582,562	SH	DFND	1 3 4	582,562	0	0
SITE CTRS CORP	COM	82981J109	18,919	1,195,127	SH	DFND	1 3 4	1,195,127	0	0
SITE CTRS CORP	COM	82981J109	239	15,102	SH	DFND	1 4	15,102	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	945	3,899	SH	DFND	1 4	3,899	0	0
SITIME CORP	COM	82982T106	793	2,710	SH	DFND	1 4	2,710	0	0
SITIME CORP	COM	82982T106	89,533	306,053	SH	DFND	1 3 4	306,053	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	275	6,465	SH	DFND	1 4	6,465	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	10,976	257,774	SH	DFND	1 3 4	257,774	0	0
SJW GROUP	COM	784305104	2,434	33,257	SH	DFND	1 3 4	33,257	0	0
SKECHERS U S A INC	CL A	830566105	19,503	449,373	SH	DFND	1 3 4	449,373	0	0
SKECHERS U S A INC	CL A	830566105	419	9,648	SH	DFND	1 4	9,648	0	0
SKILLZ INC	COM	83067L109	248	33,311	SH	DFND	1 4	33,311	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	706	8,935	SH	DFND	1 4	8,935	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	3,252	41,172	SH	DFND	1 3 4	41,172	0	0
SKYWEST INC	COM	830879102	13,819	351,633	SH	DFND	1 3 4	351,633	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	2,219	14,304	SH	DFND	1 4	14,304	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	29,449	189,822	SH	DFND	1 3 4	189,822	0	0
SL GREEN RLTY CORP	COM	78440X804	16,393	228,639	SH	DFND	1 3 4	228,639	0	0
SL GREEN RLTY CORP	COM	78440X804	323	4,502	SH	DFND	1 4	4,502	0	0
SLEEP NUMBER CORP	COM	83125X103	12,418	162,116	SH	DFND	1 3 4	162,116	0	0
SLEEP NUMBER CORP	COM	83125X103	216	2,815	SH	DFND	1 4	2,815	0	0
SLM CORP	COM	78442P106	19,996	1,016,560	SH	DFND	1 3 4	1,016,560	0	0
SLM CORP	COM	78442P106	387	19,669	SH	DFND	1 4	19,669	0	0
SM ENERGY CO	COM	78454L100	23,838	808,622	SH	DFND	1 3 4	808,622	0	0
SM ENERGY CO	COM	78454L100	307	10,403	SH	DFND	1 4	10,403	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	15,818	222,822	SH	DFND	1 3 4	222,822	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	212	2,981	SH	DFND	1 4	2,981	0	0
SMARTSHEET INC	COM CL A	83200N103	1,011	13,051	SH	DFND	1 4	13,051	0	0
SMILEDIRECTCLUB INC	CL A COM	83192H106	33	14,226	SH	DFND	1 3 4	14,226	0	0
SMITH & WESSON BRANDS INC	COM	831754106	2,824	158,676	SH	DFND	1 3 4	158,676	0	0
SMITH A O CORP	COM	831865209	14,895	173,504	SH	DFND	1 3 4	173,504	0	0
SMITH A O CORP	COM	831865209	769	8,958	SH	DFND	1 4	8,958	0	0
SMUCKER J M CO	COM NEW	832696405	17,237	126,908	SH	DFND	1 3 4	126,908	0	0
SMUCKER J M CO	COM NEW	832696405	965	7,104	SH	DFND	1 4	7,104	0	0

SNAP INC	CL A	83304A106	14,150	300,855	SH	DFND	1 3 4	300,855	0	0
SNAP ON INC	COM	833034101	774	3,595	SH	DFND	1 4	3,595	0	0
SNAP ON INC	COM	833034101	85,205	396,852	SH	DFND	1 3 4	396,852	0	0
SNOWFLAKE INC	CL A	833445109	25,082	74,044	SH	DFND	1 3 4	74,044	0	0
SNOWFLAKE INC	CL A	833445109	4,534	13,385	SH	DFND	1 4	13,385	0	0
SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	833635105	4,088	81,060	SH	DFND	1 3 4	81,060	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	198	12,526	SH	DFND	1 3 4	12,526	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	16,886	60,184	SH	DFND	1 3 4	60,184	0	0
SOLARIS OILFIELD INFRASTRUCT	COM CL A	83418M103	189	28,928	SH	DFND	1 3 4	28,928	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	8,150	164,819	SH	DFND	1 3 4	164,819	0	0
SONOCO PRODS CO	COM	835495102	18,961	327,532	SH	DFND	1 3 4	327,532	0	0
SONOCO PRODS CO	COM	835495102	387	6,678	SH	DFND	1 4	6,678	0	0
SONOS INC	COM	83570H108	10,274	344,770	SH	DFND	1 3 4	344,770	0	0
SONOS INC	COM	83570H108	609	20,449	SH	DFND	1 4	20,449	0	0
SOPHIA GENETICS SA	ORDINARY SHARES	H82027105	12,428	881,395	SH	DFND	1 3 4	881,395	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	166	35,683	SH	DFND	1 3 4	35,683	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	225	48,367	SH	DFND	1 4	48,367	0	0
SOTERA HEALTH CO	COM	83601L102	253	10,750	SH	DFND	1 4	10,750	0	0
SOUTH JERSEY INDS INC	COM	838518108	235	8,978	SH	DFND	1 4	8,978	0	0
SOUTH JERSEY INDS INC	COM	838518108	23,816	911,804	SH	DFND	1 3 4	911,804	0	0
SOUTHERN CO	COM	842587107	83,742	1,221,084	SH	DFND	1 3 4	1,221,084	0	0
SOUTHERN CO	COM	842587107	1,952	28,467	SH	DFND	1 4	28,467	0	0
SOUTHERN COPPER CORP	COM	84265V105	5,795	93,910	SH	DFND	1 3 4	93,910	0	0
SOUTHERN COPPER CORP	COM	84265V105	343	5,563	SH	DFND	1 4	5,563	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	8,996	215,120	SH	DFND	1 3 4	215,120	0	0
SOUTHSTATE CORPORATION	COM	840441109	485	6,057	SH	DFND	1 4	6,057	0	0
SOUTHWEST AIRLS CO	COM	844741108	28,603	667,680	SH	DFND	1 3 4	667,680	0	0
SOUTHWEST AIRLS CO	COM	844741108	1,703	39,746	SH	DFND	1 4	39,746	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	59,098	843,657	SH	DFND	1 3 4	843,657	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	367	5,239	SH	DFND	1 4	5,239	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	31,480	6,755,374	SH	DFND	1 3 4	6,755,374	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	805	172,819	SH	DFND	1 4	172,819	0	0
SPARTANNASH CO	COM	847215100	6,885	267,271	SH	DFND	1 3 4	267,271	0	0
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	9,716	180,053	SH	DFND	1 3 4	180,053	0	0
SPDR INDEX SHS FDS	PORTFOLIO DEVLDP	78463X889	254	6,952	SH	SOLE		0	0	6,952
SPDR SER TR	NUVEEN BLOOMBERG	78464A284	2,393	39,836	SH	DFND	1 3 4	39,836	0	0
SPDR SER TR	PORTFOLIO LN TSR	78464A664	223	5,298	SH	SOLE		0	0	5,298
SPDR SER TR	PORTFOLI S&P1500	78464A805	224	3,840	SH	SOLE		0	0	3,840
SPDR SER TR	BLOOMBERG HIGH Y	78468R622	4,343	40,000	SH	DFND	1 3 4	40,000	0	0
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	2,559	25,153	SH	DFND	1 3 4	25,153	0	0
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	290	2,851	SH	DFND	1 4	2,851	0	0
SPECTRUM PHARMACEUTICALS	COM	84763A108	1,410	1,110,570	SH	DFND	1 3 4	1,110,570	0	0

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SPECTRUM PHARMACEUTICALS INC	COM	84763A108	35	27,590	SH	DFND	1 4	27,590	0	0
SPIRE INC	COM	84857L101	11,242	172,394	SH	DFND	1 3 4	172,394	0	0
SPIRE INC	COM	84857L101	287	4,397	SH	DFND	1 4	4,397	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	361	8,367	SH	DFND	1 4	8,367	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	399	8,273	SH	DFND	1 4	8,273	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	19,795	410,775	SH	DFND	1 3 4	410,775	0	0
SPLUNK INC	COM	848637104	2,028	17,523	SH	DFND	1 4	17,523	0	0
SPLUNK INC	COM	848637104	461	3,984	SH	DFND	1 3 4	3,984	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	59,195	253,569	SH	DFND	1 3 4	253,569	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	3,470	14,827	SH	DFND	1 4	14,827	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	364	5,875	SH	DFND	1 3 4	5,875	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	308	4,965	SH	DFND	1 4	4,965	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	47,832	527,429	SH	DFND	1 3 4	527,429	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	698	7,694	SH	DFND	1 4	7,694	0	0
SPROUTS FMRS MKT INC	COM	85208M102	17,973	605,554	SH	DFND	1 3 4	605,554	0	0
SPROUTS FMRS MKT INC	COM	85208M102	415	13,977	SH	DFND	1 4	13,977	0	0
SPS COMM INC	COM	78463M107	38,165	268,107	SH	DFND	1 3 4	268,107	0	0
SPS COMM INC	COM	78463M107	874	6,138	SH	DFND	1 4	6,138	0	0
SPX CORP	COM	784635104	18,045	302,363	SH	DFND	1 3 4	302,363	0	0
SPX CORP	COM	784635104	409	6,858	SH	DFND	1 4	6,858	0	0
SPX FLOW INC	COM	78469X107	24,161	279,383	SH	DFND	1 3 4	279,383	0	0
SPX FLOW INC	COM	78469X107	337	3,892	SH	DFND	1 4	3,892	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,238	15,097	SH	DFND	1 4	15,097	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	2,125	25,926	SH	DFND	1 3 4	25,926	0	0
ST JOE CO	COM	790148100	11,427	219,540	SH	DFND	1 3 4	219,540	0	0
ST JOE CO	COM	790148100	295	5,668	SH	DFND	1 4	5,668	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	30,461	333,641	SH	DFND	1 3 4	333,641	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	738	8,082	SH	DFND	1 4	8,082	0	0
STAG INDL INC	COM	85254J102	2,292	47,780	SH	DFND	1 3 4	47,780	0	0
STAG INDL INC	COM	85254J102	733	15,293	SH	DFND	1 4	15,293	0	0
STANDARD MTR PRODS INC	COM	853666105	7,719	147,342	SH	DFND	1 3 4	147,342	0	0
STANDEX INTL CORP	COM	854231107	10,529	95,146	SH	DFND	1 3 4	95,146	0	0
STANLEY BLACK & DECKER INC	COM	854502101	39,310	208,409	SH	DFND	1 3 4	208,409	0	0
STANLEY BLACK & DECKER INC	COM	854502101	2,048	10,858	SH	DFND	1 4	10,858	0	0
STARBUCKS CORP	COM	855244109	9,639	82,406	SH	DFND	1 4	82,406	0	0
STARBUCKS CORP	COM	855244109	464,755	3,978,021	SH	DFND	1 3 4	3,978,021	0	0
STARWOOD PPTY TR INC	COM	85571B105	475	19,552	SH	DFND	1 4	19,552	0	0
STATE STR CORP	COM	857477103	40,263	432,935	SH	DFND	1 3 4	432,935	0	0
STATE STR CORP	COM	857477103	2,285	24,570	SH	DFND	1 4	24,570	0	0
STEEL DYNAMICS INC	COM	858119100	40,208	647,792	SH	DFND	1 3 4	647,792	0	0
STEEL DYNAMICS INC	COM	858119100	878	14,146	SH	DFND	1 4	14,146	0	0
STEM INC	COM	85859N102	368	19,389	SH	DFND	1 4	19,389	0	0
STEPAN CO	COM	858586100	17,631	141,857	SH	DFND	1 3 4	141,857	0	0
STEPAN CO	COM	858586100	255	2,049	SH	DFND	1 4	2,049	0	0
STEPSTONE GROUP INC	COM CL A	85914M107	2,829	68,043	SH	DFND	1 3 4	68,043	0	0
STEPSTONE GROUP INC	COM CL A	85914M107	286	6,878	SH	DFND	1 4	6,878	0	0
STERICYCLE INC	COM	858912108	18,250	306,003	SH	DFND	1 3 4	306,003	0	0
STERICYCLE INC	COM	858912108	369	6,195	SH	DFND	1 4	6,195	0	0

STERIS PLC	SHS USD	G8473T100	211,701	875,466	SH	DFND	1 3 4	875,466	0	0
STERIS PLC	SHS USD	G8473T100	1,513	6,217	SH	DFND	1 4	6,217	0	0
STERLING BANCORP DEL	COM	85917A100	93,413	3,622,069	SH	DFND	1 3 4	3,622,069	0	0
STERLING BANCORP DEL	COM	85917A100	354	13,726	SH	DFND	1 4	13,726	0	0
STERLING CHECK CORP	COM	85917T109	18,748	914,100	SH	DFND	1 3 4	914,100	0	0
STEWART INFORMATION SVCS COR	COM	860372101	18,639	233,777	SH	DFND	1 3 4	233,777	0	0
STIFEL FINL CORP	COM	860630102	48,224	684,826	SH	DFND	1 3 4	684,826	0	0
STIFEL FINL CORP	COM	860630102	484	6,867	SH	DFND	1 4	6,867	0	0
STITCH FIX INC	COM CL A	860897107	262	13,849	SH	DFND	1 4	13,849	0	0
STOCK YDS BANCORP INC	COM	861025104	1,152	18,034	SH	DFND	1 3 4	18,034	0	0
STONECO LTD	COM CL A	G85158106	396	23,516	SH	DFND	1 4	23,516	0	0
STONEX GROUP INC	COM	861896108	6,877	112,275	SH	DFND	1 3 4	112,275	0	0
STORE CAP CORP	COM	862121100	90,654	2,650,749	SH	DFND	1 3 4	2,650,749	0	0
STORE CAP CORP	COM	862121100	566	16,442	SH	DFND	1 4	16,442	0	0
STORE CAP CORP	COM	862121100	411,615	11,977,496	SH	DFND	2 3 4	11,977,496	0	0
STRATEGIC ED INC	COM	86272C103	8,717	150,707	SH	DFND	1 3 4	150,707	0	0
STRIDE INC	COM	86333M108	1,259	37,764	SH	DFND	1 3 4	37,764	0	0
STRYKER CORPORATION	COM	863667101	103,248	386,088	SH	DFND	1 3 4	386,088	0	0
STRYKER CORPORATION	COM	863667101	4,221	15,784	SH	DFND	1 4	15,784	0	0
STURM RUGER & CO INC	COM	864159108	9,419	138,468	SH	DFND	1 3 4	138,468	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	6,913	708,302	SH	DFND	1 3 4	708,302	0	0
SUMMIT MATLS INC	CL A	86614U100	225,278	5,661,527	SH	DFND	1 3 4	5,661,527	0	0
SUMMIT MATLS INC	CL A	86614U100	413	10,296	SH	DFND	1 4	10,296	0	0
SUMO LOGIC INC	COM	86646P103	202	14,909	SH	DFND	1 4	14,909	0	0
SUN CMNTYS INC	COM	866674104	18,228	86,810	SH	DFND	1 3 4	86,810	0	0
SUN CMNTYS INC	COM	866674104	1,618	7,707	SH	DFND	1 4	7,707	0	0
SUN CMNTYS INC	COM	866674104	873,892	4,169,331	SH	DFND	2 3 4	4,169,331	0	0
SUN CTRY AIRLS HLDGS INC	COM	866683105	15,741	577,674	SH	DFND	1 3 4	577,674	0	0
SUNCOKE ENERGY INC	COM	86722A103	4,345	659,339	SH	DFND	1 3 4	659,339	0	0
SUNNOVA ENERGY INTL INC.	COM	86745K104	238	8,542	SH	DFND	1 4	8,542	0	0
SUNPOWER CORP	COM	867652406	5,773	276,594	SH	DFND	1 3 4	276,594	0	0
SUNPOWER CORP	COM	867652406	256	12,267	SH	DFND	1 4	12,267	0	0
SUNRUN INC	COM	86771W105	23,797	693,798	SH	DFND	1 3 4	693,798	0	0
SUNRUN INC	COM	86771W105	464	13,524	SH	DFND	1 4	13,524	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	68,944	5,877,594	SH	DFND	2 3 4	5,877,594	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	223	18,974	SH	DFND	1 4	18,974	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	1,562	35,541	SH	DFND	1 3 4	35,541	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	12,138	416,254	SH	DFND	1 3 4	416,254	0	0
SURFACE ONCOLOGY INC	COM	86877M209	307	64,157	SH	DFND	1 3 4	64,157	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	12	16,685	SH	DFND	1 3 4	16,685	0	0
SURGERY PARTNERS INC	COM	86881A100	2,765	51,760	SH	DFND	1 3 4	51,760	0	0
SURGERY PARTNERS INC	COM	86881A100	309	5,779	SH	DFND	1 4	5,779	0	0
SURMODICS INC	COM	868873100	4,718	97,991	SH	DFND	1 3 4	97,991	0	0
SUTRO BIOPHARMA INC	COM	869367102	562	37,769	SH	DFND	1 3 4	37,769	0	0
SUZANO S A	SPON ADS	86959K105	5,472	506,692	SH	DFND	1 3 4	506,692	0	0
SVB FINANCIAL GROUP	COM	78486Q101	99,921	147,325	SH	DFND	1 3 4	147,325	0	0

SVB FINANCIAL GROUP	COM	78486Q101	2,585	3,812	SH	DFND	1 4	3,812	0	0
SWITCH INC	CL A	87105L104	14,400	502,797	SH	DFND	1 3 4	502,797	0	0
SWITCH INC	CL A	87105L104	367	12,798	SH	DFND	1 4	12,798	0	0
SYLVAMO CORP	COMMON STOCK	871332102	11,204	401,737	SH	DFND	1 3 4	401,737	0	0
SYNAPTICS INC	COM	87157D109	42,010	145,107	SH	DFND	1 3 4	145,107	0	0
SYNAPTICS INC	COM	87157D109	1,930	6,666	SH	DFND	1 4	6,666	0	0
SYNCHRONY FINANCIAL	COM	87165B103	30,172	650,408	SH	DFND	1 3 4	650,408	0	0
SYNCHRONY FINANCIAL	COM	87165B103	1,900	40,965	SH	DFND	1 4	40,965	0	0
SYNEOS HEALTH INC	CL A	87166B102	107,732	1,049,207	SH	DFND	1 3 4	1,049,207	0	0
SYNEOS HEALTH INC	CL A	87166B102	759	7,395	SH	DFND	1 4	7,395	0	0
SYNOPSIS INC	COM	871607107	107,007	290,385	SH	DFND	1 3 4	290,385	0	0
SYNOPSIS INC	COM	871607107	5,224	14,176	SH	DFND	1 4	14,176	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	23,203	484,709	SH	DFND	1 3 4	484,709	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	500	10,443	SH	DFND	1 4	10,443	0	0
SYSCO CORP	COM	871829107	46,153	587,561	SH	DFND	1 3 4	587,561	0	0
SYSCO CORP	COM	871829107	2,807	35,729	SH	DFND	1 4	35,729	0	0
T2 BIOSYSTEMS INC	COM	89853L104	134	259,303	SH	DFND	1 3 4	259,303	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	2,406	160,426	SH	DFND	1 3 4	160,426	0	0
TACTILE SYS TECHNOLOGY INC	COM	87357P100	2,512	132,006	SH	DFND	1 3 4	132,006	0	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	277,575	2,308,242	SH	DFND	1 3 4	2,148,080	0	160,162
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	24,008	135,091	SH	DFND	1 3 4	135,091	0	0
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	1,545	8,695	SH	DFND	1 4	8,695	0	0
TALKSPACE INC	COM	87427V103	36	18,221	SH	DFND	1 3 4	18,221	0	0
TALOS ENERGY INC	COM	87484T108	2,670	272,407	SH	DFND	1 3 4	272,407	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	39,269	260,892	SH	DFND	1 3 4	260,892	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	982	6,524	SH	DFND	1 4	6,524	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	15,769	817,920	SH	DFND	1 3 4	817,920	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	217	11,265	SH	DFND	1 4	11,265	0	0
TAPESTRY INC	COM	876030107	13,105	322,774	SH	DFND	1 3 4	322,774	0	0
TAPESTRY INC	COM	876030107	812	20,005	SH	DFND	1 4	20,005	0	0
TARGA RES CORP	COM	87612G101	790	15,125	SH	DFND	1 4	15,125	0	0
TARGA RES CORP	COM	87612G101	82,762	1,594,443	SH	DFND	1 3 4	1,594,443	0	0
TARGET CORP	COM	87612E106	5,217	22,540	SH	DFND	1 4	22,540	0	0
TARGET CORP	COM	87612E106	271,946	1,175,064	SH	DFND	1 3 4	1,175,064	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	78,616	2,248,753	SH	DFND	1 3 4	2,248,753	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	405	11,574	SH	DFND	1 4	11,574	0	0
TD SYNnex CORPORATION	COM	87162W100	51,099	446,828	SH	DFND	1 3 4	446,828	0	0
TD SYNnex CORPORATION	COM	87162W100	321	2,811	SH	DFND	1 4	2,811	0	0
TE CONNECTIVITY LTD	SHS	H84989104	60,728	376,400	SH	DFND	1 3 4	376,400	0	0
TECHTARGET INC	COM	87874R100	16,525	172,750	SH	DFND	1 3 4	172,750	0	0
TECHTARGET INC	COM	87874R100	425	4,444	SH	DFND	1 4	4,444	0	0
TEGNA INC	COM	87901J105	15,977	860,844	SH	DFND	1 3 4	860,844	0	0
TEGNA INC	COM	87901J105	356	19,178	SH	DFND	1 4	19,178	0	0
TELADOC HEALTH INC	COM	87918A105	9,367	102,014	SH	DFND	1 3 4	102,014	0	0
TELADOC HEALTH INC	COM	87918A105	934	10,168	SH	DFND	1 4	10,168	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	1,354	3,100	SH	DFND	1 4	3,100	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	23,402	53,565	SH	DFND	1 3 4	53,565	0	0

TELEFLEX INCORPORATED	COM	879369106	40,307	122,699	SH	DFND	1 3 4	122,699	0	0
TELEFLEX INCORPORATED	COM	879369106	1,156	3,519	SH	DFND	1 4	3,519	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	16,509	819,305	SH	DFND	1 3 4	819,305	0	0
TELLURIAN INC NEW	COM	87968A104	194	63,030	SH	DFND	1 4	63,030	0	0
TEMPUR SEALY INTL INC	COM	88023U101	32,263	686,012	SH	DFND	1 3 4	686,012	0	0
TEMPUR SEALY INTL INC	COM	88023U101	920	19,569	SH	DFND	1 4	19,569	0	0
TENABLE HLDGS INC	COM	88025T102	2,170	39,405	SH	DFND	1 3 4	39,405	0	0
TENABLE HLDGS INC	COM	88025T102	865	15,700	SH	DFND	1 4	15,700	0	0
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	806	117,662	SH	DFND	1 3 4	117,662	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	29,151	356,845	SH	DFND	1 3 4	356,845	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	838	10,264	SH	DFND	1 4	10,264	0	0
TENNANT CO	COM	880345103	11,295	139,376	SH	DFND	1 3 4	139,376	0	0
TENNANT CO	COM	880345103	255	3,142	SH	DFND	1 4	3,142	0	0
TENNECO INC	CL A VTG COM STK	880349105	126	11,179	SH	DFND	1 4	11,179	0	0
TERADATA CORP DEL	COM	88076W103	15,350	361,422	SH	DFND	1 3 4	361,422	0	0
TERADATA CORP DEL	COM	88076W103	473	11,128	SH	DFND	1 4	11,128	0	0
TERADYNE INC	COM	880770102	76,872	470,079	SH	DFND	1 3 4	470,079	0	0
TERADYNE INC	COM	880770102	2,890	17,675	SH	DFND	1 4	17,675	0	0
TEREX CORP NEW	COM	880779103	14,316	325,741	SH	DFND	1 3 4	325,741	0	0
TEREX CORP NEW	COM	880779103	511	11,637	SH	DFND	1 4	11,637	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	369	8,160	SH	DFND	1 4	8,160	0	0
TERRENO RLTY CORP	COM	88146M101	70,533	853,540	SH	DFND	1 3 4	853,540	0	0
TERRENO RLTY CORP	COM	88146M101	545	6,394	SH	DFND	1 4	6,394	0	0
TERRENO RLTY CORP	COM	88146M101	335,309	3,951,158	SH	DFND	2 3 4	3,951,158	0	0
TESLA INC	COM	88160R101	1,049,595	993,201	SH	DFND	1 3 4	993,201	0	0
TESLA INC	COM	88160R101	59,774	56,562	SH	DFND	1 4	56,562	0	0
TETRA TECH INC NEW	COM	88162G103	38,502	226,748	SH	DFND	1 3 4	226,748	0	0
TETRA TECH INC NEW	COM	88162G103	1,557	9,172	SH	DFND	1 4	9,172	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	52	18,218	SH	DFND	1 4	18,218	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	638	224,775	SH	DFND	1 3 4	224,775	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	275	34,290	SH	DFND	1 4	34,290	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	820	102,390	SH	DFND	1 3 4	102,390	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	10,157	168,579	SH	DFND	1 3 4	168,579	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	362	6,005	SH	DFND	1 4	6,005	0	0
TEXAS INSTRS INC	COM	882508104	200,775	1,065,289	SH	DFND	1 3 4	1,065,289	0	0
TEXAS INSTRS INC	COM	882508104	9,328	49,494	SH	DFND	1 4	49,494	0	0
TEXAS PACIFIC LAND CORPORATI	COM	88262P102	787	630	SH	DFND	1 4	630	0	0
TEXAS ROADHOUSE INC	COM	882681109	20,712	231,993	SH	DFND	1 3 4	231,993	0	0
TEXAS ROADHOUSE INC	COM	882681109	1,063	11,907	SH	DFND	1 4	11,907	0	0
TEXTRON INC	COM	883203101	1,145	14,833	SH	DFND	1 4	14,833	0	0
TEXTRON INC	COM	883203101	19,602	253,910	SH	DFND	1 3 4	253,910	0	0
TG THERAPEUTICS INC	COM	88322Q108	325	17,096	SH	DFND	1 3 4	17,096	0	0
TG THERAPEUTICS INC	COM	88322Q108	418	22,025	SH	DFND	1 4	22,025	0	0
THE AARONS COMPANY INC	COM	00258W108	5,164	209,483	SH	DFND	1 3 4	209,483	0	0
THE BEAUTY HEALTH COMPANY	COM CL A	88331L108	339	14,043	SH	DFND	1 4	14,043	0	0
THE BEAUTY HEALTH	COM CL A	88331L108	23,798	985,000	SH	DFND	1 3 4	985,000	0	0

COMPANY										
THE ODP CORP	COM	88337F105	12,003	305,579	SH	DFND	1 3 4	305,579	0	0
THE REALREAL INC	COM	88339P101	158	13,572	SH	DFND	1 4	13,572	0	0
THE TRADE DESK INC	COM CL A	88339J105	29,172	318,325	SH	DFND	1 3 4	318,325	0	0
THE TRADE DESK INC	COM CL A	88339J105	4,317	47,106	SH	DFND	1 4	47,106	0	0
THERAPEUTICSMD INC	COM	88338N107	18	50,725	SH	DFND	1 3 4	50,725	0	0
THERAPEUTICSMD INC	COM	88338N107	23	65,331	SH	DFND	1 4	65,331	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	433,971	650,397	SH	DFND	1 3 4	650,397	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	8,082	12,113	SH	DFND	1 4	12,113	0	0
THOR INDS INC	COM	885160101	19,591	188,789	SH	DFND	1 3 4	188,789	0	0
THOR INDS INC	COM	885160101	473	4,560	SH	DFND	1 4	4,560	0	0
THREDUP INC	CL A	88556E102	10,382	813,594	SH	DFND	1 3 4	813,594	0	0
THRYV HLDGS INC	COM NEW	886029206	4,648	112,999	SH	DFND	1 3 4	112,999	0	0
TILLYS INC	CL A	886885102	449	27,893	SH	DFND	1 3 4	27,893	0	0
TIMKEN CO	COM	887389104	297	4,291	SH	DFND	1 4	4,291	0	0
TIMKEN CO	COM	887389104	51,638	750,221	SH	DFND	1 3 4	750,221	0	0
TIMKENSTEEL CORPORATION	COM	887399103	4,520	273,964	SH	DFND	1 3 4	273,964	0	0
TITAN INTL INC ILL	COM	88830M102	3,736	340,892	SH	DFND	1 3 4	340,892	0	0
TITAN MACHY INC	COM	88830R101	26,711	792,856	SH	DFND	1 3 4	792,856	0	0
TIVITY HEALTH INC	COM	88870R102	9,441	357,078	SH	DFND	1 3 4	357,078	0	0
TJX COS INC NEW	COM	872540109	115,418	1,520,257	SH	DFND	1 3 4	1,520,257	0	0
TJX COS INC NEW	COM	872540109	6,387	84,129	SH	DFND	1 4	84,129	0	0
T-MOBILE US INC	COM	872590104	106,562	918,794	SH	DFND	1 3 4	918,794	0	0
T-MOBILE US INC	COM	872590104	1,839	15,854	SH	DFND	1 4	15,854	0	0
TOLL BROTHERS INC	COM	889478103	29,641	409,464	SH	DFND	1 3 4	409,464	0	0
TOLL BROTHERS INC	COM	889478103	692	9,562	SH	DFND	1 4	9,562	0	0
TOMPKINS FINL CORP	COM	890110109	7,416	88,724	SH	DFND	1 3 4	88,724	0	0
TONIX PHARMACEUTICALS HLDG C	COM	890260706	15	42,793	SH	DFND	1 3 4	42,793	0	0
TONIX PHARMACEUTICALS HLDG C	COM	890260706	14	38,433	SH	DFND	1 4	38,433	0	0
TOOTSIE ROLL INDS INC	COM	890516107	4,172	115,149	SH	DFND	1 3 4	115,149	0	0
TOPBUILD CORP	COM	89055F103	30,261	109,676	SH	DFND	1 3 4	109,676	0	0
TOPBUILD CORP	COM	89055F103	919	3,331	SH	DFND	1 4	3,331	0	0
TORO CO	COM	891092108	36,758	367,914	SH	DFND	1 3 4	367,914	0	0
TORO CO	COM	891092108	1,139	11,400	SH	DFND	1 4	11,400	0	0
TOWER SEMICONDUCTOR LTD	SHS NEW	M87915274	39,026	983,529	SH	DFND	1 3 4	983,529	0	0
TRACTOR SUPPLY CO	COM	892356106	111,140	465,802	SH	DFND	1 3 4	465,802	0	0
TRACTOR SUPPLY CO	COM	892356106	2,939	12,318	SH	DFND	1 4	12,318	0	0
TRADEWEB MKTS INC	CL A	892672106	11,191	111,755	SH	DFND	1 3 4	111,755	0	0
TRADEWEB MKTS INC	CL A	892672106	708	7,066	SH	DFND	1 4	7,066	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	266,121	1,318,288	SH	DFND	1 3 4	1,318,288	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	4,214	20,856	SH	DFND	1 4	20,856	0	0
TRANSCAT INC	COM	893529107	357	3,865	SH	DFND	1 3 4	3,865	0	0
TRANSDIGM GROUP INC	COM	893641100	1,858,712	2,923,729	SH	DFND	1 3 4	2,923,729	0	0
TRANSDIGM GROUP INC	COM	893641100	2,599	4,085	SH	DFND	1 4	4,085	0	0
TRANSMEDICS GROUP INC	COM	89377M109	466	24,319	SH	DFND	1 3 4	24,319	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	4,418	1,600,630	SH	DFND	1 3 4	1,600,630	0	0
TRANSUNION	COM	89400J107	469,305	3,966,799	SH	DFND	1 3 4	3,966,799	0	0
TRANSUNION	COM	89400J107	2,165	18,259	SH	DFND	1 4	18,259	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	18,846	340,977	SH	DFND	1 3 4	340,977	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	453	8,203	SH	DFND	1 4	8,203	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	167,272	3,026,968	SH	DFND	2 3 4	3,026,968	0	0

TRAVELERS COMPANIES INC	COM	89417E109	48,303	308,784	SH	DFND	1 3 4	308,784	0	0
TRAVELERS COMPANIES INC	COM	89417E109	1,037	6,628	SH	DFND	1 4	6,628	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	226	7,267	SH	DFND	1 3 4	7,267	0	0
TREACE MED CONCEPTS INC	COM	89455T109	327	17,523	SH	DFND	1 3 4	17,523	0	0
TREDEGAR CORP	COM	894650100	2,017	170,627	SH	DFND	1 3 4	170,627	0	0
TREEHOUSE FOODS INC	COM	89469A104	15,054	371,432	SH	DFND	1 3 4	371,432	0	0
TREVENA INC	COM	89532E109	10	16,715	SH	DFND	1 4	16,715	0	0
TREX CO INC	COM	89531P105	62,513	462,959	SH	DFND	1 3 4	462,959	0	0
TREX CO INC	COM	89531P105	1,694	12,545	SH	DFND	1 4	12,545	0	0
TRI POINTE HOMES INC	COM	87265H109	13,969	500,877	SH	DFND	1 3 4	500,877	0	0
TRI POINTE HOMES INC	COM	87265H109	290	10,396	SH	DFND	1 4	10,396	0	0
TRICO BANCSHARES	COM	896095106	1,189	27,688	SH	DFND	1 3 4	27,688	0	0
TRIMBLE INC	COM	896239100	46,904	537,955	SH	DFND	1 3 4	537,955	0	0
TRIMBLE INC	COM	896239100	1,471	16,868	SH	DFND	1 4	16,868	0	0
TRINET GROUP INC	COM	896288107	657	6,896	SH	DFND	1 4	6,896	0	0
TRINITY INDS INC	COM	896522109	8,228	272,461	SH	DFND	1 3 4	272,461	0	0
TRINITY INDS INC	COM	896522109	202	6,700	SH	DFND	1 4	6,700	0	0
TRINSEO PLC	SHS	G9059U107	15,805	301,278	SH	DFND	1 3 4	301,278	0	0
TRINSEO PLC	SHS	G9059U107	347	6,620	SH	DFND	1 4	6,620	0	0
TRIP COM GROUP LTD	ADS	89677Q107	4,888	198,519	SH	DFND	1 3 4	198,519	0	0
TRIPADVISOR INC	COM	896945201	8,994	329,947	SH	DFND	1 3 4	329,947	0	0
TRIPADVISOR INC	COM	896945201	257	9,410	SH	DFND	1 4	9,410	0	0
TRITON INTL LTD	CL A	G9078F107	10,139	168,341	SH	DFND	1 3 4	168,341	0	0
TRITON INTL LTD	CL A	G9078F107	349	5,788	SH	DFND	1 4	5,788	0	0
TRIUMPH BANCORP INC	COM	89679E300	22,576	189,588	SH	DFND	1 3 4	189,588	0	0
TRIUMPH BANCORP INC	COM	89679E300	463	3,884	SH	DFND	1 4	3,884	0	0
TRIUMPH GROUP INC NEW	COM	896818101	7,972	430,202	SH	DFND	1 3 4	430,202	0	0
TRONOX HOLDINGS PLC	SHS	G9087Q102	240	9,988	SH	DFND	1 4	9,988	0	0
TRUEBLUE INC	COM	89785X101	6,538	236,269	SH	DFND	1 3 4	236,269	0	0
TRUIST FINL CORP	COM	89832Q109	89,855	1,534,670	SH	DFND	1 3 4	1,534,670	0	0
TRUIST FINL CORP	COM	89832Q109	2,116	36,146	SH	DFND	1 4	36,146	0	0
TRUPANION INC	COM	898202106	30,144	228,310	SH	DFND	1 3 4	228,310	0	0
TRUPANION INC	COM	898202106	858	6,495	SH	DFND	1 4	6,495	0	0
TRUSTCO BK CORP N Y	COM NEW	898349204	4,266	128,074	SH	DFND	1 3 4	128,074	0	0
TRUSTMARK CORP	COM	898402102	13,505	416,053	SH	DFND	1 3 4	416,053	0	0
TTEC HLDGS INC	COM	89854H102	11,062	122,163	SH	DFND	1 3 4	122,163	0	0
TTEC HLDGS INC	COM	89854H102	285	3,146	SH	DFND	1 4	3,146	0	0
TTM TECHNOLOGIES INC	COM	87305R109	10,356	695,032	SH	DFND	1 3 4	695,032	0	0
TUPPERWARE BRANDS CORP	COM	899896104	4,973	325,239	SH	DFND	1 3 4	325,239	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	282	5,915	SH	DFND	1 3 4	5,915	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	211	4,433	SH	DFND	1 4	4,433	0	0
TURNING PT BRANDS INC	COM	90041L105	480	12,712	SH	DFND	1 3 4	12,712	0	0
TUSIMPLE HLDGS INC	CL A	90089L108	342	9,552	SH	DFND	1 4	9,552	0	0
TUTOR PERINI CORP	COM	901109108	9,037	730,603	SH	DFND	1 3 4	730,603	0	0
TWILIO INC	CL A	90138F102	185,384	697,439	SH	DFND	1 3 4	697,439	0	0
TWILIO INC	CL A	90138F102	1,705	6,476	SH	DFND	1 4	6,476	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	454	5,866	SH	DFND	1 3 4	5,866	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	621	8,029	SH	DFND	1 4	8,029	0	0
TWITTER INC	COM	90184L102	39,686	918,231	SH	DFND	1 3 4	918,231	0	0
TWITTER INC	COM	90184L102	2,415	55,872	SH	DFND	1 4	55,872	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	13,212	2,289,758	SH	DFND	1 3 4	2,289,758	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	172	29,835	SH	DFND	1 4	29,835	0	0



TWO RDS SHARED TR	LEADERSHARES DY	90214Q675	313	12,445	SH	SOLE		0	0	12,445
TWO RDS SHARED TR	LEADERSHARES EQT	90214Q683	239	6,815	SH	SOLE		0	0	6,815
TWO RDS SHARED TR	LEASERSHS ALPHAF	90214Q691	382	10,725	SH	SOLE		0	0	10,725
TWO RDS SHARED TR	LDRSHS ALPFACT	90214Q774	353	10,079	SH	SOLE		0	0	10,079
TYLER TECHNOLOGIES INC	COM	902252105	2,226	4,138	SH	DFND	1 4	4,138	0	0
TYLER TECHNOLOGIES INC	COM	902252105	1,030,593	1,926,517	SH	DFND	1 3 4	1,926,517	0	0
TYME TECHNOLOGIES INC	COM	90238J103	12	20,612	SH	DFND	1 3 4	20,612	0	0
TYSON FOODS INC	CL A	902494103	166,124	1,907,062	SH	DFND	1 3 4	1,907,062	0	0
TYSON FOODS INC	CL A	902494103	1,686	19,349	SH	DFND	1 4	19,349	0	0
U S PHYSICAL THERAPY	COM	90337L108	8,860	92,729	SH	DFND	1 3 4	92,729	0	0
U S PHYSICAL THERAPY	COM	90337L108	208	2,176	SH	DFND	1 4	2,176	0	0
U S SILICA HLDGS INC	COM	90346E103	4,669	496,753	SH	DFND	1 3 4	496,753	0	0
UBER TECHNOLOGIES INC	COM	90353T100	1,245	29,702	SH	DFND	1 3 4	29,702	0	0
UBER TECHNOLOGIES INC	COM	90353T100	4,313	102,850	SH	DFND	1 4	102,850	0	0
UBIQUITI INC	COM	90353W103	220	717	SH	DFND	1 4	717	0	0
UDR INC	COM	902653104	4,756	79,281	SH	DFND	2 3 4	79,281	0	0
UDR INC	COM	902653104	20,084	334,789	SH	DFND	1 3 4	334,789	0	0
UDR INC	COM	902653104	1,242	20,705	SH	DFND	1 4	20,705	0	0
UFP INDUSTRIES INC	COM	90278Q108	899	9,772	SH	DFND	1 4	9,772	0	0
UFP INDUSTRIES INC	COM	90278Q108	42,858	465,797	SH	DFND	1 3 4	465,797	0	0
UGI CORP NEW	COM	902681105	34,565	752,900	SH	DFND	1 3 4	752,900	0	0
UGI CORP NEW	COM	902681105	645	14,052	SH	DFND	1 4	14,052	0	0
ULTA BEAUTY INC	COM	90384S303	31,142	75,524	SH	DFND	1 3 4	75,524	0	0
ULTA BEAUTY INC	COM	90384S303	2,373	5,756	SH	DFND	1 4	5,756	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	17,154	299,060	SH	DFND	1 3 4	299,060	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	433	7,550	SH	DFND	1 4	7,550	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	681	8,097	SH	DFND	1 3 4	8,097	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	530	6,306	SH	DFND	1 4	6,306	0	0
UMB FINL CORP	COM	902788108	22,187	209,092	SH	DFND	1 3 4	209,092	0	0
UMB FINL CORP	COM	902788108	403	3,798	SH	DFND	1 4	3,798	0	0
UMH PPTYS INC	COM	903002103	1,096	40,097	SH	DFND	1 3 4	40,097	0	0
UMPQUA HLDGS CORP	COM	904214103	284	14,738	SH	DFND	1 4	14,738	0	0
UMPQUA HLDGS CORP	COM	904214103	29,577	1,537,261	SH	DFND	1 3 4	1,537,261	0	0
UNDER ARMOUR INC	CL A	904311107	4,556	214,988	SH	DFND	1 3 4	214,988	0	0
UNDER ARMOUR INC	CL A	904311107	272	12,823	SH	DFND	1 4	12,823	0	0
UNDER ARMOUR INC	CL C	904311206	4,474	248,020	SH	DFND	1 3 4	248,020	0	0
UNDER ARMOUR INC	CL C	904311206	242	13,441	SH	DFND	1 4	13,441	0	0
UNIFI INC	COM NEW	904677200	2,149	92,821	SH	DFND	1 3 4	92,821	0	0
UNIFIRST CORP MASS	COM	904708104	21,337	101,410	SH	DFND	1 3 4	101,410	0	0
UNIFIRST CORP MASS	COM	904708104	276	1,314	SH	DFND	1 4	1,314	0	0
UNION PAC CORP	COM	907818108	402,445	1,598,885	SH	DFND	1 3 4	1,598,885	0	0
UNION PAC CORP	COM	907818108	8,767	34,799	SH	DFND	1 4	34,799	0	0
UNIQUIRE NV	SHS	N90064101	5,091	245,464	SH	DFND	1 3 4	245,464	0	0
UNISYS CORP	COM NEW	909214306	9,196	447,068	SH	DFND	1 3 4	447,068	0	0
UNISYS CORP	COM NEW	909214306	206	10,024	SH	DFND	1 4	10,024	0	0
UNITED AIRLS HLDGS INC	COM	910047109	15,904	363,281	SH	DFND	1 3 4	363,281	0	0
UNITED AIRLS HLDGS INC	COM	910047109	953	21,779	SH	DFND	1 4	21,779	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	16,475	454,116	SH	DFND	1 3 4	454,116	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	415	11,438	SH	DFND	1 4	11,438	0	0

UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	94,693	2,634,768	SH	DFND	1 3 4	2,634,768	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	279	7,763	SH	DFND	1 4	7,763	0	0
UNITED FIRE GROUP INC	COM	910340108	3,328	143,517	SH	DFND	1 3 4	143,517	0	0
UNITED NAT FOODS INC	COM	911163103	19,555	398,422	SH	DFND	1 3 4	398,422	0	0
UNITED NAT FOODS INC	COM	911163103	253	5,154	SH	DFND	1 4	5,154	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	190,033	886,594	SH	DFND	1 3 4	886,594	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	10,848	50,613	SH	DFND	1 4	50,613	0	0
UNITED RENTALS INC	COM	911363109	45,462	136,812	SH	DFND	1 3 4	136,812	0	0
UNITED RENTALS INC	COM	911363109	1,960	5,897	SH	DFND	1 4	5,897	0	0
UNITED STATES STL CORP NEW	COM	912909108	21,433	900,172	SH	DFND	1 3 4	900,172	0	0
UNITED STATES STL CORP NEW	COM	912909108	429	18,008	SH	DFND	1 4	18,008	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	32,417	150,023	SH	DFND	1 3 4	150,023	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	639	2,959	SH	DFND	1 4	2,959	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	799,051	1,592,119	SH	DFND	1 3 4	1,592,119	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	14,142	28,163	SH	DFND	1 4	28,163	0	0
UNITI GROUP INC	COM	91325V108	239	17,048	SH	DFND	1 4	17,048	0	0
UNITI GROUP INC	COM	91325V108	22,020	1,571,707	SH	DFND	1 3 4	1,571,707	0	0
UNITIL CORP	COM	913259107	5,509	119,795	SH	DFND	1 3 4	119,795	0	0
UNITY SOFTWARE INC	COM	91332U101	19,831	138,688	SH	DFND	1 3 4	138,688	0	0
UNITY SOFTWARE INC	COM	91332U101	2,336	16,340	SH	DFND	1 4	16,340	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	16,145	569,476	SH	DFND	1 3 4	569,476	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	322	11,363	SH	DFND	1 4	11,363	0	0
UNIVERSAL CORP VA	COM	913456109	9,869	179,695	SH	DFND	1 3 4	179,695	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	23,834	144,423	SH	DFND	1 3 4	144,423	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	773	4,684	SH	DFND	1 4	4,684	0	0
UNIVERSAL ELECTRS INC	COM	913483103	3,818	93,683	SH	DFND	1 3 4	93,683	0	0
UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	91359E105	5,084	85,491	SH	DFND	1 3 4	85,491	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	621	4,786	SH	DFND	1 4	4,786	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	42,643	328,882	SH	DFND	1 3 4	328,882	0	0
UNIVERSAL INS HLDGS INC	COM	91359V107	3,186	187,402	SH	DFND	1 3 4	187,402	0	0
UNUM GROUP	COM	91529Y106	16,733	681,053	SH	DFND	1 3 4	681,053	0	0
UNUM GROUP	COM	91529Y106	339	13,810	SH	DFND	1 4	13,810	0	0
UPSTART HLDGS INC	COM	91680M107	738	4,878	SH	DFND	1 4	4,878	0	0
UPWORK INC	COM	91688F104	685	20,065	SH	DFND	1 4	20,065	0	0
URANIUM ENERGY CORP	COM	916896103	146	43,576	SH	DFND	1 4	43,576	0	0
URBAN EDGE PPTYS	COM	91704F104	9,618	506,201	SH	DFND	1 3 4	506,201	0	0
URBAN EDGE PPTYS	COM	91704F104	192	10,091	SH	DFND	1 4	10,091	0	0
URBAN OUTFITTERS INC	COM	917047102	7,724	263,095	SH	DFND	1 3 4	263,095	0	0
URBAN OUTFITTERS INC	COM	917047102	294	10,014	SH	DFND	1 4	10,014	0	0
UR-ENERGY INC	COM	91688R108	37	30,180	SH	DFND	1 4	30,180	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	4,810	225,840	SH	DFND	1 3 4	225,840	0	0
US BANCORP DEL	COM NEW	902973304	87,312	1,554,430	SH	DFND	1 3 4	1,554,430	0	0
US BANCORP DEL	COM NEW	902973304	2,029	36,123	SH	DFND	1 4	36,123	0	0
US ECOLOGY INC	COM	91734M103	6,704	209,888	SH	DFND	1 3 4	209,888	0	0
US FOODS HLDG CORP	COM	912008109	520	14,923	SH	DFND	1 4	14,923	0	0

USANA HEALTH SCIENCES INC	COM	90328M107	207	2,042	SH	DFND	1 4	2,042	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	8,630	85,278	SH	DFND	1 3 4	85,278	0	0
UTZ BRANDS INC	COM CL A	918090101	160	10,039	SH	DFND	1 4	10,039	0	0
V F CORP	COM	918204108	27,373	373,845	SH	DFND	1 3 4	373,845	0	0
V F CORP	COM	918204108	2,224	30,373	SH	DFND	1 4	30,373	0	0
VAIL RESORTS INC	COM	91879Q109	566,004	1,724,894	SH	DFND	1 3 4	1,724,894	0	0
VAIL RESORTS INC	COM	91879Q109	1,417	4,321	SH	DFND	1 4	4,321	0	0
VALE S A	SPONSORED ADS	91912E105	5,720	407,974	SH	DFND	1 3 4	407,974	0	0
VALERO ENERGY CORP	COM	91913Y100	47,668	634,636	SH	DFND	1 3 4	634,636	0	0
VALERO ENERGY CORP	COM	91913Y100	2,066	27,503	SH	DFND	1 4	27,503	0	0
VALLEY NATL BANCORP	COM	919794107	18,640	1,355,605	SH	DFND	1 3 4	1,355,605	0	0
VALLEY NATL BANCORP	COM	919794107	478	34,733	SH	DFND	1 4	34,733	0	0
VALMONT INDS INC	COM	920253101	354	1,413	SH	DFND	1 4	1,413	0	0
VALMONT INDS INC	COM	920253101	17,710	70,698	SH	DFND	1 3 4	70,698	0	0
VALVOLINE INC	COM	92047W101	452	12,129	SH	DFND	1 4	12,129	0	0
VALVOLINE INC	COM	92047W101	22,453	602,131	SH	DFND	1 3 4	602,131	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	6,600	420,623	SH	DFND	1 3 4	420,623	0	0
VANECK ETF TRUST	HIGH YLD MUNIETF	92189H409	2,822	45,204	SH	DFND	1 3 4	45,204	0	0
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	1,580	15,520	SH	DFND	2 3 4	15,520	0	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	248	1,392	SH	DFND	1 3 4	1,392	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	1,414	5,973	SH	DFND	1 3 4	5,973	0	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	2,867	35,276	SH	DFND	1 3 4	35,276	0	0
VAREX IMAGING CORP	COM	92214X106	9,987	316,553	SH	DFND	1 3 4	316,553	0	0
VARONIS SYS INC	COM	922280102	888	18,210	SH	DFND	1 4	18,210	0	0
VAXART INC	COM NEW	92243A200	92	14,702	SH	DFND	1 3 4	14,702	0	0
VAXART INC	COM NEW	92243A200	124	19,779	SH	DFND	1 4	19,779	0	0
VBI VACCINES INC CDA	COM NEW	91822J103	70	30,109	SH	DFND	1 4	30,109	0	0
VECTOR GROUP LTD	COM	92240M108	163	14,181	SH	DFND	1 4	14,181	0	0
VECTOR GROUP LTD	COM	92240M108	10,494	914,144	SH	DFND	1 3 4	914,144	0	0
VEDANTA LIMITED	SPONSORED ADR	92242Y100	5,797	315,727	SH	DFND	1 3 4	315,727	0	0
VEECO INSTRS INC DEL	COM	922417100	11,045	387,939	SH	DFND	1 3 4	387,939	0	0
VEEVA SYS INC	CL A COM	922475108	11,861	46,428	SH	DFND	1 3 4	46,428	0	0
VEEVA SYS INC	CL A COM	922475108	3,796	14,860	SH	DFND	1 4	14,860	0	0
VELODYNE LIDAR INC	COM	92259F101	60	12,854	SH	DFND	1 4	12,854	0	0
VENTAS INC	COM	92276F100	802,489	15,682,390	SH	DFND	2 3 4	15,682,390	0	0
VENTAS INC	COM	92276F100	39,011	763,131	SH	DFND	1 3 4	763,131	0	0
VENTAS INC	COM	92276F100	1,371	26,826	SH	DFND	1 4	26,826	0	0
VERA BRADLEY INC	COM	92335C106	1,448	170,170	SH	DFND	1 3 4	170,170	0	0
VERACYTE INC	COM	92337F107	242	5,879	SH	DFND	1 4	5,879	0	0
VERACYTE INC	COM	92337F107	350	8,484	SH	DFND	1 3 4	8,484	0	0
VERASTEM INC	COM	92337C104	503	245,212	SH	DFND	1 3 4	245,212	0	0
VERASTEM INC	COM	92337C104	60	29,174	SH	DFND	1 4	29,174	0	0
VERICEL CORP	COM	92346J108	13,941	354,721	SH	DFND	1 3 4	354,721	0	0
VERICEL CORP	COM	92346J108	311	7,906	SH	DFND	1 4	7,906	0	0
VERINT SYS INC	COM	92343X100	293	5,587	SH	DFND	1 4	5,587	0	0
VERIS RESIDENTIAL INC	COM	554489104	9,788	532,516	SH	DFND	1 3 4	532,516	0	0
VERISIGN INC	COM	92343E102	624,259	2,479,866	SH	DFND	1 3 4	2,479,866	0	0
VERISIGN INC	COM	92343E102	1,662	6,549	SH	DFND	1 4	6,549	0	0
VERISK ANALYTICS INC	COM	92345Y106	448,539	1,971,081	SH	DFND	1 3 4	1,971,081	0	0
VERISK ANALYTICS INC	COM	92345Y106	3,395	14,845	SH	DFND	1 4	14,845	0	0
VERITEX HLDGS INC	COM	923451108	15,165	381,233	SH	DFND	1 3 4	381,233	0	0
VERITIV CORP	COM	923454102	12,584	102,665	SH	DFND	1 3 4	102,665	0	0
VERIZON	COM	92343V104	546,959	10,525,267	SH	DFND	1 3 4	10,525,267	0	0

## COMMUNICATIONS INC

VERIZON COMMUNICATIONS INC	COM	92343V104	5,809	111,800	SH	DFND	1 4	111,800	0	0
VERRA MOBILITY CORP	COM	92511U102	378	24,473	SH	DFND	1 4	24,473	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	64,799	295,076	SH	DFND	1 3 4	295,076	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	2,467	11,236	SH	DFND	1 4	11,236	0	0
VERTIV HOLDINGS CO	COM CL A	92537N108	870	34,845	SH	DFND	1 4	34,845	0	0
VERVE THERAPEUTICS INC	COM	92539P101	212	5,740	SH	DFND	1 3 4	5,740	0	0
VIACOMCBS INC	CL B	92556H206	22,799	755,434	SH	DFND	1 3 4	755,434	0	0
VIACOMCBS INC	CL B	92556H206	1,186	39,284	SH	DFND	1 4	39,284	0	0
VIAD CORP	COM	92552R406	5,850	136,709	SH	DFND	1 3 4	136,709	0	0
VIASAT INC	COM	92552V100	13,557	304,388	SH	DFND	1 3 4	304,388	0	0
VIASAT INC	COM	92552V100	208	4,674	SH	DFND	1 4	4,674	0	0
VIATRIS INC	COM	92556V106	20,722	1,531,528	SH	DFND	1 3 4	1,531,528	0	0
VIATRIS INC	COM	92556V106	1,101	81,392	SH	DFND	1 4	81,392	0	0
VIAVI SOLUTIONS INC	COM	925550105	27,881	1,582,371	SH	DFND	1 3 4	1,582,371	0	0
VIAVI SOLUTIONS INC	COM	925550105	677	38,431	SH	DFND	1 4	38,431	0	0
VICI PPTYS INC	COM	925652109	14,506	481,790	SH	DFND	1 3 4	481,790	0	0
VICI PPTYS INC	COM	925652109	1,275	42,341	SH	DFND	1 4	42,341	0	0
VICI PPTYS INC	COM	925652109	486,694	16,176,139	SH	DFND	2 3 4	16,176,139	0	0
VICOR CORP	COM	925815102	11,483	90,433	SH	DFND	1 3 4	90,433	0	0
VICOR CORP	COM	925815102	456	3,590	SH	DFND	1 4	3,590	0	0
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	397	7,146	SH	DFND	1 4	7,146	0	0
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	13,528	243,567	SH	DFND	1 3 4	243,567	0	0
VICTORY CAP HLDGS INC	COM CL A	92645B103	686	18,789	SH	DFND	1 3 4	18,789	0	0
VIEW INC	COM CL A	92671V106	47	12,095	SH	DFND	1 4	12,095	0	0
VIEWRAY INC	COM	92672L107	704	127,678	SH	DFND	1 3 4	127,678	0	0
VIEWRAY INC	COM	92672L107	130	23,538	SH	DFND	1 4	23,538	0	0
VIMEO INC	COMMON STOCK	92719V100	272	15,140	SH	DFND	1 4	15,140	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	656	15,656	SH	DFND	1 3 4	15,656	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	428	10,222	SH	DFND	1 4	10,222	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	250	18,719	SH	DFND	1 4	18,719	0	0
VIRTU FINL INC	CL A	928254101	578	20,057	SH	DFND	1 3 4	20,057	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	17,350	58,398	SH	DFND	1 3 4	58,398	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	369	1,243	SH	DFND	1 4	1,243	0	0
VISA INC	COM CL A	92826C839	944,434	4,353,639	SH	DFND	1 3 4	4,353,639	0	0
VISA INC	COM CL A	92826C839	25,655	118,383	SH	DFND	1 4	118,383	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	287	13,134	SH	DFND	1 4	13,134	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	32,000	1,463,184	SH	DFND	1 3 4	1,463,184	0	0
VISTA OUTDOOR INC	COM	928377100	20,830	452,132	SH	DFND	1 3 4	452,132	0	0
VISTA OUTDOOR INC	COM	928377100	231	5,010	SH	DFND	1 4	5,010	0	0
VISTAGEN THERAPEUTICS INC	COM NEW	92840H202	232	118,931	SH	DFND	1 3 4	118,931	0	0
VISTAGEN THERAPEUTICS INC	COM NEW	92840H202	59	30,104	SH	DFND	1 4	30,104	0	0
VISTEON CORP	COM NEW	92839U206	24,324	218,859	SH	DFND	1 3 4	218,859	0	0
VISTEON CORP	COM NEW	92839U206	525	4,724	SH	DFND	1 4	4,724	0	0
VISTRA CORP	COM	92840M102	240	10,548	SH	DFND	1 3 4	10,548	0	0
VISTRA CORP	COM	92840M102	730	32,063	SH	DFND	1 4	32,063	0	0

VITAL FARMS INC	COM	92847W103	15,090	835,558	SH	DFND	1 3 4	835,558	0	0
VIZIO HLDG CORP	CL A COM	92858V101	1,214	62,484	SH	DFND	1 3 4	62,484	0	0
VMWARE INC	CL A COM	928563402	632	5,454	SH	DFND	1 3 4	5,454	0	0
VMWARE INC	CL A COM	928563402	1,107	9,549	SH	DFND	1 4	9,549	0	0
VNET GROUP INC	SPONSORED ADS A	90138A103	21,031	2,329,054	SH	DFND	2 3 4	2,329,054	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	380	5,866	SH	DFND	1 4	5,866	0	0
VONAGE HLDGS CORP	COM	92886T201	34,944	1,680,812	SH	DFND	1 3 4	1,680,812	0	0
VONAGE HLDGS CORP	COM	92886T201	855	41,106	SH	DFND	1 4	41,106	0	0
VONTIER CORPORATION	COM	928881101	17,306	563,154	SH	DFND	1 3 4	563,154	0	0
VONTIER CORPORATION	COM	928881101	475	15,445	SH	DFND	1 4	15,445	0	0
VORNADO RLTY TR	SH BEN INT	929042109	7,643	182,578	SH	DFND	1 3 4	182,578	0	0
VORNADO RLTY TR	SH BEN INT	929042109	499	11,916	SH	DFND	1 4	11,916	0	0
VOYA FINANCIAL INC	COM	929089100	24,517	369,728	SH	DFND	1 3 4	369,728	0	0
VOYA FINANCIAL INC	COM	929089100	496	7,484	SH	DFND	1 4	7,484	0	0
VROOM INC	COM	92918V109	10,372	961,267	SH	DFND	1 3 4	961,267	0	0
VULCAN MATLS CO	COM	929160109	907,253	4,403,476	SH	DFND	1 3 4	4,403,476	0	0
VULCAN MATLS CO	COM	929160109	1,847	8,897	SH	DFND	1 4	8,897	0	0
WABASH NATL CORP	COM	929566107	6,435	329,648	SH	DFND	1 3 4	329,648	0	0
WABTEC	COM	929740108	19,708	213,966	SH	DFND	1 3 4	213,966	0	0
WABTEC	COM	929740108	1,112	12,068	SH	DFND	1 4	12,068	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	1,007	19,298	SH	DFND	1 4	19,298	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	48,420	928,301	SH	DFND	1 3 4	928,301	0	0
WALKER & DUNLOP INC	COM	93148P102	29,615	196,283	SH	DFND	1 3 4	196,283	0	0
WALKER & DUNLOP INC	COM	93148P102	421	2,789	SH	DFND	1 4	2,789	0	0
WALMART INC	COM	931142103	294,460	2,035,111	SH	DFND	1 3 4	2,035,111	0	0
WALMART INC	COM	931142103	5,600	38,702	SH	DFND	1 4	38,702	0	0
WARNER MUSIC GROUP CORP	COM CL A	934550203	2,809	65,045	SH	DFND	1 3 4	65,045	0	0
WARRIOR MET COAL INC	COM	93627C101	8,795	342,075	SH	DFND	1 3 4	342,075	0	0
WASHINGTON FED INC	COM	938824109	17,053	510,883	SH	DFND	1 3 4	510,883	0	0
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	14,568	563,541	SH	DFND	1 3 4	563,541	0	0
WASHINGTON TR BANCORP INC	COM	940610108	23,196	416,047	SH	DFND	1 3 4	416,047	0	0
WASTE CONNECTIONS INC	COM	94106B101	861	6,319	SH	DFND	1 3 4	6,319	0	0
WASTE MGMT INC DEL	COM	94106L109	74,042	443,632	SH	DFND	1 3 4	443,632	0	0
WASTE MGMT INC DEL	COM	94106L109	2,378	14,250	SH	DFND	1 4	14,250	0	0
WATERS CORP	COM	941848103	27,334	73,361	SH	DFND	1 3 4	73,361	0	0
WATERS CORP	COM	941848103	2,394	6,424	SH	DFND	1 4	6,424	0	0
WATERSTONE FINL INC MD	COM	94188P101	888	40,636	SH	DFND	1 3 4	40,636	0	0
WATSCO INC	COM	942622200	690	2,206	SH	DFND	1 4	2,206	0	0
WATSCO INC	COM	942622200	34,421	110,012	SH	DFND	1 3 4	110,012	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	44,477	229,064	SH	DFND	1 3 4	229,064	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	713	3,674	SH	DFND	1 4	3,674	0	0
WAYFAIR INC	CL A	94419L101	1,315	6,923	SH	DFND	1 3 4	6,923	0	0
WAYFAIR INC	CL A	94419L101	1,290	6,793	SH	DFND	1 4	6,793	0	0
WD 40 CO	COM	929236107	44,291	181,044	SH	DFND	1 3 4	181,044	0	0
WD 40 CO	COM	929236107	569	2,326	SH	DFND	1 4	2,326	0	0
WEATHERFORD INTL PLC	ORD SHS	G48833118	887	31,993	SH	DFND	1 3 4	31,993	0	0
WEBSTER FINL CORP CONN	COM	947890109	16,850	301,759	SH	DFND	1 3 4	301,759	0	0
WEBSTER FINL CORP CONN	COM	947890109	339	6,069	SH	DFND	1 4	6,069	0	0
WEC ENERGY GROUP	COM	92939U106	166,256	1,713,529	SH	DFND	1 3 4	1,713,529	0	0

INC										
WEC ENERGY GROUP INC	COM	92939U106	2,061	21,229	SH	DFND	1 4	21,229	0	0
WELBILT INC	COM	949090104	529	22,234	SH	DFND	1 4	22,234	0	0
WELLS FARGO CO NEW	COM	949746101	241,966	5,043,062	SH	DFND	1 3 4	5,043,062	0	0
WELLS FARGO CO NEW	COM	949746101	5,178	107,915	SH	DFND	1 4	107,915	0	0
WELLTOWER INC	COM	95040Q104	48,964	570,877	SH	DFND	1 3 4	570,877	0	0
WELLTOWER INC	COM	95040Q104	2,515	29,319	SH	DFND	1 4	29,319	0	0
WELLTOWER INC	COM	95040Q104	340,382	3,971,807	SH	DFND	2 3 4	3,971,807	0	0
WENDYS CO	COM	95058W100	14,023	587,965	SH	DFND	1 3 4	587,965	0	0
WENDYS CO	COM	95058W100	474	19,885	SH	DFND	1 4	19,885	0	0
WERNER ENTERPRISES INC	COM	950755108	285	5,978	SH	DFND	1 4	5,978	0	0
WERNER ENTERPRISES INC	COM	950755108	9,663	202,747	SH	DFND	1 3 4	202,747	0	0
WESCO INTL INC	COM	95082P105	47,990	364,700	SH	DFND	1 3 4	364,700	0	0
WESCO INTL INC	COM	95082P105	595	4,520	SH	DFND	1 4	4,520	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	45,285	96,555	SH	DFND	1 3 4	96,555	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	3,738	7,969	SH	DFND	1 4	7,969	0	0
WESTAMERICA BANCORPORATION	COM	957090103	10,335	179,020	SH	DFND	1 3 4	179,020	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	1,347	12,515	SH	DFND	1 3 4	12,515	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	965	8,968	SH	DFND	1 4	8,968	0	0
WESTERN DIGITAL CORP.	COM	958102105	23,383	358,581	SH	DFND	1 3 4	358,581	0	0
WESTERN DIGITAL CORP.	COM	958102105	1,370	21,010	SH	DFND	1 4	21,010	0	0
WESTERN UN CO	COM	959802109	24,945	1,398,242	SH	DFND	1 3 4	1,398,242	0	0
WESTERN UN CO	COM	959802109	565	31,675	SH	DFND	1 4	31,675	0	0
WESTLAKE CHEM CORP	COM	960413102	250	2,569	SH	DFND	1 4	2,569	0	0
WESTROCK CO	COM	96145D105	19,889	448,366	SH	DFND	1 3 4	448,366	0	0
WESTROCK CO	COM	96145D105	787	17,751	SH	DFND	1 4	17,751	0	0
WEX INC	COM	96208T104	20,960	149,295	SH	DFND	1 3 4	149,295	0	0
WEX INC	COM	96208T104	595	4,237	SH	DFND	1 4	4,237	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	49,667	1,206,102	SH	DFND	1 3 4	1,206,102	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	2,076	50,401	SH	DFND	1 4	50,401	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	178,784	4,350,148	SH	DFND	2 3 4	4,350,148	0	0
WHIRLPOOL CORP	COM	963320106	18,592	79,228	SH	DFND	1 3 4	79,228	0	0
WHIRLPOOL CORP	COM	963320106	939	4,002	SH	DFND	1 4	4,002	0	0
WHITESTONE REIT	COM	966084204	3,122	308,156	SH	DFND	1 3 4	308,156	0	0
WHITING PETE CORP NEW	COM NEW	966387508	19,312	298,570	SH	DFND	1 3 4	298,570	0	0
WHITING PETE CORP NEW	COM NEW	966387508	222	3,432	SH	DFND	1 4	3,432	0	0
WIDOPENWEST INC	COM	96758W101	1,113	51,705	SH	DFND	1 3 4	51,705	0	0
WILEY JOHN & SONS INC	CL A	968223206	29,128	513,986	SH	DFND	1 3 4	513,986	0	0
WILEY JOHN & SONS INC	CL A	968223206	215	3,761	SH	DFND	1 4	3,761	0	0
WILLIAMS COS INC	COM	969457100	37,097	1,424,599	SH	DFND	1 3 4	1,424,599	0	0
WILLIAMS COS INC	COM	969457100	2,130	81,805	SH	DFND	1 4	81,805	0	0
WILLIAMS SONOMA INC	COM	969904101	46,288	273,684	SH	DFND	1 3 4	273,684	0	0
WILLIAMS SONOMA INC	COM	969904101	1,242	7,346	SH	DFND	1 4	7,346	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	34,025	143,269	SH	DFND	1 3 4	143,269	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	1,984	8,356	SH	DFND	1 4	8,356	0	0
WILLSCOT MOBIL MINI	COM CL A	971378104	9,612	235,349	SH	DFND	1 3 4	235,349	0	0

HLDNG CO											
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	1,469	35,966	SH	DFND	1 4	35,966	0	0	
WINGSTOP INC	COM	974155103	17,168	99,353	SH	DFND	1 3 4	99,353	0	0	
WINGSTOP INC	COM	974155103	877	5,078	SH	DFND	1 4	5,078	0	0	
WINMARK CORP	COM	974250102	210	845	SH	DFND	1 3 4	845	0	0	
WINNEBAGO INDS INC	COM	974637100	412	5,502	SH	DFND	1 4	5,502	0	0	
WINNEBAGO INDS INC	COM	974637100	20,136	268,761	SH	DFND	1 3 4	268,761	0	0	
WINTRUST FINL CORP	COM	97650W108	17,246	189,894	SH	DFND	1 3 4	189,894	0	0	
WINTRUST FINL CORP	COM	97650W108	350	3,852	SH	DFND	1 4	3,852	0	0	
WISDOMTREE INVTS INC	COM	97717P104	4,437	725,013	SH	DFND	1 3 4	725,013	0	0	
WISDOMTREE INVTS INC	COM	97717P104	123	20,132	SH	DFND	1 4	20,132	0	0	
WIX COM LTD	SHS	M98068105	466,992	2,929,707	SH	DFND	1 3 4	2,929,707	0	0	
WIX COM LTD	SHS	M98068105	1,049	6,646	SH	DFND	1 4	6,646	0	0	
WNS HLDGS LTD	SPON ADR	92932M101	25,619	290,403	SH	DFND	1 3 4	290,403	0	0	
WOLFSPEED INC	COM	977852102	47,097	421,375	SH	DFND	1 3 4	421,375	0	0	
WOLFSPEED INC	COM	977852102	868	7,764	SH	DFND	1 4	7,764	0	0	
WOLVERINE WORLD WIDE INC	COM	978097103	17,597	610,784	SH	DFND	1 3 4	610,784	0	0	
WOLVERINE WORLD WIDE INC	COM	978097103	398	13,831	SH	DFND	1 4	13,831	0	0	
WOODWARD INC	COM	980745103	423	3,865	SH	DFND	1 4	3,865	0	0	
WOODWARD INC	COM	980745103	22,987	210,008	SH	DFND	1 3 4	210,008	0	0	
WORKDAY INC	CL A	98138H101	21,800	79,798	SH	DFND	1 3 4	79,798	0	0	
WORKDAY INC	CL A	98138H101	3,623	13,264	SH	DFND	1 4	13,264	0	0	
WORKHORSE GROUP INC	COM NEW	98138J206	49	11,268	SH	DFND	1 4	11,268	0	0	
WORKIVA INC	COM CL A	98139A105	950	7,283	SH	DFND	1 4	7,283	0	0	
WORLD ACCEP CORPORATION	COM	981419104	8,234	33,548	SH	DFND	1 3 4	33,548	0	0	
WORLD FUEL SVCS CORP	COM	981475106	26,677	1,007,810	SH	DFND	1 3 4	1,007,810	0	0	
WORLD WRESTLING ENTMT INC	CL A	98156Q108	19,927	403,862	SH	DFND	1 3 4	403,862	0	0	
WORLD WRESTLING ENTMT INC	CL A	98156Q108	232	4,697	SH	DFND	1 4	4,697	0	0	
WORTHINGTON INDS INC	COM	981811102	8,272	151,335	SH	DFND	1 3 4	151,335	0	0	
WP CAREY INC	COM	92936U109	368	4,484	SH	DFND	1 3 4	4,484	0	0	
WP CAREY INC	COM	92936U109	1,015	12,373	SH	DFND	1 4	12,373	0	0	
WSFS FINL CORP	COM	929328102	21,823	435,412	SH	DFND	1 3 4	435,412	0	0	
WSFS FINL CORP	COM	929328102	205	4,097	SH	DFND	1 4	4,097	0	0	
WW INTL INC	COM	98262P101	5,711	354,085	SH	DFND	1 3 4	354,085	0	0	
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	27,826	310,383	SH	DFND	1 3 4	310,383	0	0	
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	766	8,542	SH	DFND	1 4	8,542	0	0	
WYNN RESORTS LTD	COM	983134107	10,264	120,702	SH	DFND	1 3 4	120,702	0	0	
WYNN RESORTS LTD	COM	983134107	974	11,450	SH	DFND	1 4	11,450	0	0	
XCEL ENERGY INC	COM	98389B100	193,779	2,863,305	SH	DFND	1 3 4	2,863,305	0	0	
XCEL ENERGY INC	COM	98389B100	2,453	36,227	SH	DFND	1 4	36,227	0	0	
XENCOR INC	COM	98401F105	15,892	396,113	SH	DFND	1 3 4	396,113	0	0	
XENCOR INC	COM	98401F105	386	9,614	SH	DFND	1 4	9,614	0	0	
XENIA HOTELS & RESORTS INC	COM	984017103	13,769	760,307	SH	DFND	1 3 4	760,307	0	0	
XEROX HOLDINGS CORP	COM NEW	98421M106	19,579	864,790	SH	DFND	1 3 4	864,790	0	0	
XEROX HOLDINGS CORP	COM NEW	98421M106	216	9,548	SH	DFND	1 4	9,548	0	0	
XILINX INC	COM	983919101	60,497	285,324	SH	DFND	1 3 4	285,324	0	0	
XILINX INC	COM	983919101	5,658	26,686	SH	DFND	1 4	26,686	0	0	
XOMETRY INC	CLASS A COM	98423F109	5,677	110,780	SH	DFND	1 3 4	110,780	0	0	
XP INC	CL A	G98239109	452	15,729	SH	DFND	1 3 4	15,729	0	0	

XPEL INC	COM	98379L100	209	3,054	SH	DFND	1 4	3,054	0	0
XPERI HOLDING CORP	COM	98390M103	14,860	785,838	SH	DFND	1 3 4	785,838	0	0
XPO LOGISTICS INC	COM	983793100	768	9,924	SH	DFND	1 4	9,924	0	0
XPO LOGISTICS INC	COM	983793100	25,574	330,284	SH	DFND	1 3 4	330,284	0	0
XYLEM INC	COM	98419M100	38,559	321,537	SH	DFND	1 3 4	321,537	0	0
XYLEM INC	COM	98419M100	2,027	16,901	SH	DFND	1 4	16,901	0	0
YELP INC	CL A	985817105	8,285	228,628	SH	DFND	1 3 4	228,628	0	0
YELP INC	CL A	985817105	425	11,741	SH	DFND	1 4	11,741	0	0
YETI HLDGS INC	COM	98585X104	51,275	619,036	SH	DFND	1 3 4	619,036	0	0
YETI HLDGS INC	COM	98585X104	768	9,269	SH	DFND	1 4	9,269	0	0
YEXT INC	COM	98585N106	190	19,168	SH	DFND	1 4	19,168	0	0
YORK WTR CO	COM	987184108	437	8,780	SH	DFND	1 3 4	8,780	0	0
YUM BRANDS INC	COM	988498101	46,973	338,280	SH	DFND	1 3 4	338,280	0	0
YUM BRANDS INC	COM	988498101	2,902	20,899	SH	DFND	1 4	20,899	0	0
YUM CHINA HLDGS INC	COM	98850P109	1,510	30,290	SH	DFND	1 4	30,290	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	64,811	108,890	SH	DFND	1 3 4	108,890	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	3,434	5,769	SH	DFND	1 4	5,769	0	0
ZEDGE INC	CL B	98923T104	177	20,813	SH	DFND	1 3 4	20,813	0	0
ZENDESK INC	COM	98936J101	303	2,910	SH	DFND	1 3 4	2,910	0	0
ZENDESK INC	COM	98936J101	1,335	12,804	SH	DFND	1 4	12,804	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	451	5,360	SH	DFND	1 3 4	5,360	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	521	6,199	SH	DFND	1 4	6,199	0	0
ZIFF DAVIS INC	COM	48123V102	17,807	160,627	SH	DFND	1 3 4	160,627	0	0
ZIFF DAVIS INC	COM	48123V102	820	7,393	SH	DFND	1 4	7,393	0	0
ZILLOW GROUP INC	CL A	98954M101	401	6,446	SH	DFND	1 4	6,446	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	259	4,059	SH	DFND	1 3 4	4,059	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	1,170	18,327	SH	DFND	1 4	18,327	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	30,418	239,440	SH	DFND	1 3 4	239,440	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	1,789	14,083	SH	DFND	1 4	14,083	0	0
ZIONS BANCORPORATION N A	COM	989701107	655	10,374	SH	DFND	1 4	10,374	0	0
ZIONS BANCORPORATION N A	COM	989701107	12,673	200,653	SH	DFND	1 3 4	200,653	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	39	35,670	SH	DFND	1 4	35,670	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	28	25,802	SH	DFND	1 3 4	25,802	0	0
ZOETIS INC	CL A	98978V103	294,954	1,216,580	SH	DFND	1 3 4	1,216,580	0	0
ZOETIS INC	CL A	98978V103	7,843	32,141	SH	DFND	1 4	32,141	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	1,077	5,854	SH	DFND	1 3 4	5,854	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	2,796	15,205	SH	DFND	1 4	15,205	0	0
ZOOMINFO TECHNOLOGIES INC	COM CL A	98980F104	14,174	220,780	SH	DFND	1 3 4	220,780	0	0
ZSCALER INC	COM	98980G102	13,496	42,002	SH	DFND	1 3 4	42,002	0	0
ZSCALER INC	COM	98980G102	2,749	8,554	SH	DFND	1 4	8,554	0	0
ZUMIEZ INC	COM	989817101	6,836	142,444	SH	DFND	1 3 4	142,444	0	0
ZUORA INC	COM CL A	98983V106	878	47,028	SH	DFND	1 3 4	47,028	0	0
ZUORA INC	COM CL A	98983V106	354	18,959	SH	DFND	1 4	18,959	0	0
ZURN WATER SOLUTIONS CORP	COM	98983L108	38,711	1,063,505	SH	DFND	1 3 4	1,063,505	0	0
ZURN WATER SOLUTIONS CORP	COM	98983L108	578	15,888	SH	DFND	1 4	15,888	0	0
ZYNEX INC	COM	98986M103	1,315	131,907	SH	DFND	1 3 4	131,907	0	0
ZYNGA INC	CL A	98986T108	572	89,309	SH	DFND	1 4	89,309	0	0