

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: 03-31-2022

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 05-02-2022  
[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).)

X 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: 5  
Form 13F Information Table Entry Total: 4,055  
Form 13F Information Table Value Total: 158,567,827  
(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
5		Delaware Charter Guarantee & Trust Company

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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	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
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	630	8,288	SH		DFND	1 4	8,288	0	0
10X GENOMICS INC	CL A COM	88025U109	938	12,337	SH		DFND	1 3 4	12,337	0	0
1LIFE HEALTHCARE INC	COM	68269G107	229	20,633	SH		DFND	1 3 4	20,633	0	0
1LIFE HEALTHCARE INC	COM	68269G107	232	20,899	SH		DFND	1 4	20,899	0	0
1ST SOURCE CORP	COM	336901103	510	11,022	SH		DFND	1 3 4	11,022	0	0
22ND CENTY GROUP INC	COM	90137F103	68	29,490	SH		DFND	1 4	29,490	0	0
23ANDME HOLDING CO	CLASS A COM	90138Q108	40	10,535	SH		DFND	1 3 4	10,535	0	0
2U INC	COM	90214J101	162	12,166	SH		DFND	1 4	12,166	0	0
3-D SYS CORP DEL	COM NEW	88554D205	14,054	842,548	SH		DFND	1 3 4	842,548	0	0
3-D SYS CORP DEL	COM NEW	88554D205	357	21,432	SH		DFND	1 4	21,432	0	0
3M CO	COM	88579Y101	2,812	18,891	SH		DFND	1 4	18,891	0	0
3M CO	COM	88579Y101	97,376	654,058	SH		DFND	1 3 4	654,058	0	0
8X8 INC NEW	COM	282914100	9,827	780,551	SH		DFND	1 3 4	780,551	0	0
8X8 INC NEW	COM	282914100	260	20,613	SH		DFND	1 4	20,613	0	0
9 METERS BIOPHARMA INC	COM	654405109	17	28,865	SH		DFND	1 3 4	28,865	0	0
9 METERS BIOPHARMA INC	COM	654405109	25	41,040	SH		DFND	1 4	41,040	0	0
A10 NETWORKS INC	COM	002121101	707	50,664	SH		DFND	1 3 4	50,664	0	0
A10 NETWORKS INC	COM	002121101	140	10,025	SH		DFND	1 4	10,025	0	0
AAON INC	COM PAR \$0.004	000360206	15,244	273,528	SH		DFND	1 3 4	273,528	0	0
AAON INC	COM PAR \$0.004	000360206	424	7,616	SH		DFND	1 4	7,616	0	0
AAR CORP	COM	000361105	33,884	699,643	SH		DFND	1 3 4	699,643	0	0
ABBOTT LABS	COM	002824100	645,141	5,450,667	SH		DFND	1 3 4	5,450,667	0	0
ABBOTT LABS	COM	002824100	9,797	82,769	SH		DFND	1 4	82,769	0	0
ABBVIE INC	COM	00287Y109	383,191	2,363,771	SH		DFND	1 3 4	2,363,771	0	0
ABBVIE INC	COM	00287Y109	19,569	120,715	SH		DFND	1 4	120,715	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	14,764	461,523	SH		DFND	1 3 4	461,523	0	0
ABIOMED INC	COM	003654100	18,838	56,871	SH		DFND	1 3 4	56,871	0	0
ABIOMED INC	COM	003654100	1,451	4,379	SH		DFND	1 4	4,379	0	0
ABM INDS INC	COM	000957100	75,322	1,636,008	SH		DFND	1 3 4	1,636,008	0	0
ABM INDS INC	COM	000957100	246	5,350	SH		DFND	1 4	5,350	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	28,398	720,774	SH		DFND	1 3 4	720,774	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	245	6,222	SH		DFND	1 4	6,222	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	19,469	297,097	SH		DFND	1 3 4	297,097	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	563	8,596	SH		DFND	1 4	8,596	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	526	21,733	SH		DFND	1 4	21,733	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	451	18,616	SH		DFND	1 3 4	18,616	0	0

ACADIA RLTY TR	COM SH BEN INT	004239109	12,660	584,215	SH	DFND	1 3 4	584,215	0	0
ACCEL ENTERTAINMENT INC	COM CL A1	00436Q106	126	10,313	SH	DFND	1 4	10,313	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	289,390	858,138	SH	DFND	1 3 4	858,138	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	12,912	38,287	SH	DFND	1 4	38,287	0	0
ACCO BRANDS CORP	COM	00081T108	153	19,148	SH	DFND	1 3 4	19,148	0	0
ACCOLADE INC	COM	00437E102	7,687	437,758	SH	DFND	1 3 4	437,758	0	0
ACCURAY INC	COM	004397105	134	40,365	SH	DFND	1 3 4	40,365	0	0
ACCURAY INC	COM	004397105	55	16,502	SH	DFND	1 4	16,502	0	0
ACI WORLDWIDE INC	COM	004498101	12,230	388,370	SH	DFND	1 3 4	388,370	0	0
ACI WORLDWIDE INC	COM	004498101	675	21,427	SH	DFND	1 4	21,427	0	0
ACLARIS THERAPEUTICS INC	COM	00461U105	556	32,253	SH	DFND	1 3 4	32,253	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	73,602	918,763	SH	DFND	1 3 4	918,763	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	1,665	20,778	SH	DFND	1 4	20,778	0	0
ACUITY BRANDS INC	COM	00508Y102	27,377	144,620	SH	DFND	1 3 4	144,620	0	0
ACUITY BRANDS INC	COM	00508Y102	636	3,362	SH	DFND	1 4	3,362	0	0
ACUSHNET HLDGS CORP	COM	005098108	49,365	1,226,162	SH	DFND	1 3 4	1,226,162	0	0
ADAMIS PHARMACEUTICALS CORP	COM NEW	00547W208	10	16,872	SH	DFND	1 3 4	16,872	0	0
ADAPTHEALTH CORP	COMMON STOCK	00653Q102	239	14,896	SH	DFND	1 3 4	14,896	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	7,007	504,829	SH	DFND	1 3 4	504,829	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	154	11,062	SH	DFND	1 4	11,062	0	0
ADC THERAPEUTICS SA	SHS	H0036K147	4,484	305,246	SH	DFND	1 3 4	305,246	0	0
ADDUS HOMECARE CORP	COM	006739106	47,961	514,111	SH	DFND	1 3 4	514,111	0	0
ADIENT PLC	ORD SHS	G0084W101	359	8,797	SH	DFND	1 4	8,797	0	0
ADIENT PLC	ORD SHS	G0084W101	12,763	313,053	SH	DFND	1 3 4	313,053	0	0
ADMA BIOLOGICS INC	COM	000899104	28	15,041	SH	DFND	1 3 4	15,041	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	14,668	32,194	SH	DFND	1 4	32,194	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	937,604	2,057,863	SH	DFND	1 3 4	2,057,863	0	0
ADT INC DEL	COM	00090Q103	116	15,328	SH	DFND	1 4	15,328	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	9,761	328,545	SH	DFND	1 3 4	328,545	0	0
ADTRAN INC	COM	00738A106	6,592	357,310	SH	DFND	1 3 4	357,310	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	16,933	81,818	SH	DFND	1 3 4	81,818	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	1,257	6,072	SH	DFND	1 4	6,072	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	5,417	45,594	SH	DFND	1 3 4	45,594	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	722	6,074	SH	DFND	1 4	6,074	0	0
ADVANCED ENERGY INDS	COM	007973100	590	6,852	SH	DFND	1 4	6,852	0	0
ADVANCED ENERGY INDS	COM	007973100	44,942	522,094	SH	DFND	1 3 4	522,094	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	12,205	111,625	SH	DFND	1 4	111,625	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	214,108	1,958,190	SH	DFND	1 3 4	1,958,190	0	0
ADVANSIX INC	COM	00773T101	10,470	204,929	SH	DFND	1 3 4	204,929	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	15	11,117	SH	DFND	1 3 4	11,117	0	0

AECOM	COM	00766T100	47,795	622,253	SH	DFND	1 3 4	622,253	0	0
AECOM	COM	00766T100	1,003	13,055	SH	DFND	1 4	13,055	0	0
AERCAP HOLDINGS NV	SHS	N00985106	628	12,490	SH	DFND	1 3 4	12,490	0	0
AERCAP HOLDINGS NV	SHS	N00985106	231	4,587	SH	DFND	1 4	4,587	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	19,441	494,063	SH	DFND	1 3 4	494,063	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	475	12,064	SH	DFND	1 4	12,064	0	0
AEROVIRONMENT INC	COM	008073108	384	4,083	SH	DFND	1 4	4,083	0	0
AEROVIRONMENT INC	COM	008073108	14,330	152,218	SH	DFND	1 3 4	152,218	0	0
AES CORP	COM	00130H105	19,552	759,882	SH	DFND	1 3 4	759,882	0	0
AES CORP	COM	00130H105	1,651	64,173	SH	DFND	1 4	64,173	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	37,965	269,345	SH	DFND	1 3 4	269,345	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	559	3,964	SH	DFND	1 4	3,964	0	0
AFFIMED N V	COM	N01045108	93	21,252	SH	DFND	1 4	21,252	0	0
AFLAC INC	COM	001055102	44,329	688,440	SH	DFND	1 3 4	688,440	0	0
AFLAC INC	COM	001055102	4,033	62,630	SH	DFND	1 4	62,630	0	0
AGCO CORP	COM	001084102	34,249	234,531	SH	DFND	1 3 4	234,531	0	0
AGCO CORP	COM	001084102	898	6,146	SH	DFND	1 4	6,146	0	0
AGENUS INC	COM NEW	00847G705	614	249,655	SH	DFND	1 3 4	249,655	0	0
AGENUS INC	COM NEW	00847G705	99	40,126	SH	DFND	1 4	40,126	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	3,931	29,709	SH	DFND	1 4	29,709	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	249,891	1,888,386	SH	DFND	1 3 4	1,888,386	0	0
AGILITI INC	COM	00848J104	338	16,041	SH	DFND	1 3 4	16,041	0	0
AGILON HEALTH INC	COM	00857U107	1,144	45,137	SH	DFND	1 3 4	45,137	0	0
AGILON HEALTH INC	COM	00857U107	414	16,343	SH	DFND	1 4	16,343	0	0
AGILYSYS INC	COM	00847J105	5,136	128,785	SH	DFND	1 3 4	128,785	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	2,087	71,693	SH	DFND	1 3 4	71,693	0	0
AGNC INVT CORP	COM	00123Q104	167	12,761	SH	DFND	1 3 4	12,761	0	0
AGNC INVT CORP	COM	00123Q104	668	50,964	SH	DFND	1 4	50,964	0	0
AGNICO EAGLE MINES LTD	COM	008474108	6,579	107,417	SH	DFND	1 3 4	107,417	0	0
AGREE RLTY CORP	COM	008492100	142,324	2,144,738	SH	DFND	1 3 4	2,144,738	0	0
AGREE RLTY CORP	COM	008492100	371	5,585	SH	DFND	1 4	5,585	0	0
AGREE RLTY CORP	COM	008492100	255,449	3,849,442	SH	DFND	2 3 4	3,849,442	0	0
AIR LEASE CORP	CL A	00912X302	465	10,413	SH	DFND	1 4	10,413	0	0
AIR PRODS & CHEMS INC	COM	009158106	390,114	1,561,016	SH	DFND	1 3 4	1,561,016	0	0
AIR PRODS & CHEMS INC	COM	009158106	1,486	5,948	SH	DFND	1 4	5,948	0	0
AIRBNB INC	COM CL A	009066101	1,229	7,156	SH	DFND	1 3 4	7,156	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	22,152	185,540	SH	DFND	1 3 4	185,540	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	1,865	15,619	SH	DFND	1 4	15,619	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	117	163,484	SH	DFND	1 3 4	163,484	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	15	21,455	SH	DFND	1 4	21,455	0	0
ALAMO GROUP INC	COM	011311107	9,401	65,379	SH	DFND	1 3 4	65,379	0	0
ALAMO GROUP INC	COM	011311107	244	1,694	SH	DFND	1 4	1,694	0	0
ALAMOS GOLD INC NEW	COM CL A	011532108	622	74,000	SH	DFND	1 3 4	74,000	0	0
ALARM COM HLDGS INC	COM	011642105	571	8,587	SH	DFND	1 4	8,587	0	0
ALARM COM HLDGS INC	COM	011642105	20,212	304,120	SH	DFND	1 3 4	304,120	0	0
ALASKA AIR GROUP INC	COM	011659109	686	11,820	SH	DFND	1 4	11,820	0	0

ALASKA AIR GROUP INC	COM	011659109	8,349	143,920	SH	DFND	1 3 4	143,920	0	0
ALAUNOS THERAPEUTICS INC	COM	98973P101	16	24,426	SH	DFND	1 3 4	24,426	0	0
ALAUNOS THERAPEUTICS INC	COM	98973P101	25	38,340	SH	DFND	1 4	38,340	0	0
ALBANY INTL CORP	CL A	012348108	60,873	721,926	SH	DFND	1 3 4	721,926	0	0
ALBANY INTL CORP	CL A	012348108	260	3,085	SH	DFND	1 4	3,085	0	0
ALBEMARLE CORP	COM	012653101	48,967	221,422	SH	DFND	1 3 4	221,422	0	0
ALBEMARLE CORP	COM	012653101	2,497	11,293	SH	DFND	1 4	11,293	0	0
ALBERTSONS COS INC	COMMON STOCK	013091103	525	15,782	SH	DFND	1 4	15,782	0	0
ALCOA CORP	COM	013872106	71,003	788,664	SH	DFND	1 3 4	788,664	0	0
ALCOA CORP	COM	013872106	1,615	17,942	SH	DFND	1 4	17,942	0	0
ALECTOR INC	COM	014442107	152	10,694	SH	DFND	1 4	10,694	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	11,954	515,501	SH	DFND	1 3 4	515,501	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	3,256	16,181	SH	DFND	1 4	16,181	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	714,388	3,549,750	SH	DFND	2 3 4	3,549,750	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	314,785	1,564,152	SH	DFND	1 3 4	1,564,152	0	0
ALGONQUIN PWR UTILS CORP	COM	015857105	278	17,901	SH	DFND	1 3 4	17,901	0	0
ALIGN TECHNOLOGY INC	COM	016255101	36,364	83,403	SH	DFND	1 3 4	83,403	0	0
ALIGN TECHNOLOGY INC	COM	016255101	2,337	5,360	SH	DFND	1 4	5,360	0	0
ALIGNMENT HEALTHCARE INC	COM	01625V104	163	14,524	SH	DFND	1 4	14,524	0	0
ALKERMES PLC	SHS	G01767105	4,562	173,377	SH	DFND	1 3 4	173,377	0	0
ALKERMES PLC	SHS	G01767105	766	29,128	SH	DFND	1 4	29,128	0	0
ALLEGHANY CORP MD	COM	017175100	1,106	1,306	SH	DFND	1 4	1,306	0	0
ALLEGHANY CORP MD	COM	017175100	38,612	45,587	SH	DFND	1 3 4	45,587	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	485	18,076	SH	DFND	1 4	18,076	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	22,539	839,738	SH	DFND	1 3 4	839,738	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	5,590	125,114	SH	DFND	1 3 4	125,114	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	16,275	100,223	SH	DFND	1 3 4	100,223	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	453	2,787	SH	DFND	1 4	2,787	0	0
ALLEGION PLC	ORD SHS	G0176J109	13,119	119,501	SH	DFND	1 3 4	119,501	0	0
ALLEGION PLC	ORD SHS	G0176J109	969	8,831	SH	DFND	1 4	8,831	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	55,507	1,954,484	SH	DFND	1 3 4	1,954,484	0	0
ALLETE INC	COM NEW	018522300	59,375	886,469	SH	DFND	1 3 4	886,469	0	0
ALLETE INC	COM NEW	018522300	280	4,184	SH	DFND	1 4	4,184	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	271	4,832	SH	DFND	1 4	4,832	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	12,339	219,752	SH	DFND	1 3 4	219,752	0	0
ALLIANT ENERGY CORP	COM	018802108	31,553	505,014	SH	DFND	1 3 4	505,014	0	0
ALLIANT ENERGY CORP	COM	018802108	1,519	24,305	SH	DFND	1 4	24,305	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	406	10,342	SH	DFND	1 4	10,342	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	2,161	237,209	SH	DFND	1 3 4	237,209	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	18,217	808,916	SH	DFND	1 3 4	808,916	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	218	9,684	SH	DFND	1 4	9,684	0	0
ALLSTATE CORP	COM	020002101	49,480	357,231	SH	DFND	1 3 4	357,231	0	0
ALLSTATE CORP	COM	020002101	1,046	7,555	SH	DFND	1 4	7,555	0	0
ALLY FINL INC	COM	02005N100	385	8,847	SH	DFND	1 3 4	8,847	0	0

ALLY FINL INC	COM	02005N100	1,427	32,817	SH	DFND	1 4	32,817	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	1,940	11,881	SH	DFND	1 4	11,881	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	2,708	16,584	SH	DFND	1 3 4	16,584	0	0
ALPHA & OMEGA SEMICONDUCTOR	SHS	G6331P104	1,001	18,313	SH	DFND	1 3 4	18,313	0	0
ALPHA METALLURGICAL RESOUR I	COM	020764106	1,656	12,553	SH	DFND	1 3 4	12,553	0	0
ALPHABET INC	CAP STK CL C	02079K107	1,602,243	573,666	SH	DFND	1 3 4	573,666	0	0
ALPHABET INC	CAP STK CL C	02079K107	48,358	17,314	SH	DFND	1 4	17,314	0	0
ALPHABET INC	CAP STK CL A	02079K305	1,379,290	495,907	SH	DFND	1 3 4	495,907	0	0
ALPHABET INC	CAP STK CL A	02079K305	52,353	18,823	SH	DFND	1 4	18,823	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	8,533	742,021	SH	DFND	1 3 4	742,021	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	142	12,356	SH	DFND	1 4	12,356	0	0
ALTAIR ENGR INC	COM CL A	021369103	2,078	32,265	SH	DFND	1 3 4	32,265	0	0
ALTAIR ENGR INC	COM CL A	021369103	541	8,398	SH	DFND	1 4	8,398	0	0
ALTERYX INC	COM CL A	02156B103	429	5,998	SH	DFND	1 4	5,998	0	0
ALTICE USA INC	CL A	02156K103	267	21,416	SH	DFND	1 4	21,416	0	0
ALTRA INDL MOTION CORP	COM	02208R106	1,015	26,072	SH	DFND	1 3 4	26,072	0	0
ALTRA INDL MOTION CORP	COM	02208R106	201	5,163	SH	DFND	1 4	5,163	0	0
ALTRIA GROUP INC	COM	02209S103	108,432	2,075,259	SH	DFND	1 3 4	2,075,259	0	0
ALTRIA GROUP INC	COM	02209S103	4,764	91,168	SH	DFND	1 4	91,168	0	0
A-MARK PRECIOUS METALS INC	COM	00181T107	338	4,364	SH	DFND	1 3 4	4,364	0	0
AMAZON COM INC	COM	023135106	2,975,770	912,827	SH	DFND	1 3 4	912,827	0	0
AMAZON COM INC	COM	023135106	96,674	29,655	SH	DFND	1 4	29,655	0	0
AMBAC FINL GROUP INC	COM NEW	023139884	3,177	305,438	SH	DFND	1 3 4	305,438	0	0
AMBARELLA INC	SHS	G037AX101	673	6,417	SH	DFND	1 4	6,417	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	307	12,448	SH	DFND	1 3 4	12,448	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	1,010	40,976	SH	DFND	1 4	40,976	0	0
AMC NETWORKS INC	CL A	00164V103	8,662	213,199	SH	DFND	1 3 4	213,199	0	0
AMCOR PLC	ORD	G0250X107	24,265	2,141,634	SH	DFND	1 3 4	2,141,634	0	0
AMCOR PLC	ORD	G0250X107	1,666	147,011	SH	DFND	1 4	147,011	0	0
AMDOCS LTD	SHS	G02602103	91,442	1,112,299	SH	DFND	1 3 4	1,112,299	0	0
AMDOCS LTD	SHS	G02602103	982	11,946	SH	DFND	1 4	11,946	0	0
AMEDISYS INC	COM	023436108	54,738	317,711	SH	DFND	1 3 4	317,711	0	0
AMEDISYS INC	COM	023436108	545	3,162	SH	DFND	1 4	3,162	0	0
AMER SOFTWARE INC	CL A	029683109	282	13,535	SH	DFND	1 3 4	13,535	0	0
AMER STATES WTR CO	COM	029899101	26,627	299,116	SH	DFND	1 3 4	299,116	0	0
AMER STATES WTR CO	COM	029899101	436	4,901	SH	DFND	1 4	4,901	0	0
AMERCO	COM	023586100	518	868	SH	DFND	1 4	868	0	0
AMEREN CORP	COM	023608102	28,331	302,168	SH	DFND	1 3 4	302,168	0	0
AMEREN CORP	COM	023608102	2,319	24,731	SH	DFND	1 4	24,731	0	0
AMERESCO INC	CL A	02361E108	446	5,612	SH	DFND	1 4	5,612	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	13,128	719,318	SH	DFND	1 3 4	719,318	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	1,132	62,021	SH	DFND	1 4	62,021	0	0
AMERICAN ASSETS TR INC	COM	024013104	14,811	390,904	SH	DFND	1 3 4	390,904	0	0
AMERICAN ASSETS TR INC	COM	024013104	36,539	964,328	SH	DFND	2 3 4	964,328	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	5,839	752,389	SH	DFND	1 3 4	752,389	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	115	14,836	SH	DFND	1 4	14,836	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	25,729	459,695	SH	DFND	1 3 4	459,695	0	0

AMERICAN CAMPUS CMNTYS INC	COM	024835100	747	13,338	SH	DFND	1 4	13,338	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	8,516	506,897	SH	DFND	1 3 4	506,897	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	464	27,640	SH	DFND	1 4	27,640	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	1,343	13,459	SH	DFND	1 4	13,459	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	58,698	588,332	SH	DFND	1 3 4	588,332	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	21,705	543,846	SH	DFND	1 3 4	543,846	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	263	6,592	SH	DFND	1 4	6,592	0	0
AMERICAN EXPRESS CO	COM	025816109	132,150	706,687	SH	DFND	1 3 4	706,687	0	0
AMERICAN EXPRESS CO	COM	025816109	6,139	32,829	SH	DFND	1 4	32,829	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	42,697	293,207	SH	DFND	1 3 4	293,207	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	959	6,588	SH	DFND	1 4	6,588	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	15,467	386,382	SH	DFND	1 3 4	386,382	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	1,145	28,602	SH	DFND	1 4	28,602	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	707,021	17,662,272	SH	DFND	2 3 4	17,662,272	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	59,233	943,644	SH	DFND	1 3 4	943,644	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	1,406	22,400	SH	DFND	1 4	22,400	0	0
AMERICAN PUB ED INC	COM	02913V103	2,621	123,410	SH	DFND	1 3 4	123,410	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	670,411	2,668,622	SH	DFND	2 3 4	2,668,622	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	719,823	2,865,309	SH	DFND	1 3 4	2,865,309	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	7,746	30,834	SH	DFND	1 4	30,834	0	0
AMERICAN VANGUARD CORP	COM	030371108	3,618	178,069	SH	DFND	1 3 4	178,069	0	0
AMERICAN WELL CORP	CL A	03044L105	101	23,872	SH	DFND	1 3 4	23,872	0	0
AMERICAN WELL CORP	CL A	03044L105	62	14,665	SH	DFND	1 4	14,665	0	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	5,350	109,301	SH	DFND	1 3 4	109,301	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	53,928	325,789	SH	DFND	1 3 4	325,789	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	2,921	17,645	SH	DFND	1 4	17,645	0	0
AMERICAS CAR-MART INC	COM	03062T105	3,220	39,975	SH	DFND	1 3 4	39,975	0	0
AMERICOLD RLTY TR	COM	03064D108	718	25,761	SH	DFND	1 4	25,761	0	0
AMERIPRISE FINL INC	COM	03076C106	103,226	343,673	SH	DFND	1 3 4	343,673	0	0
AMERIPRISE FINL INC	COM	03076C106	3,314	11,033	SH	DFND	1 4	11,033	0	0
AMERIS BANCORP	COM	03076K108	78,373	1,786,085	SH	DFND	1 3 4	1,786,085	0	0
AMERIS BANCORP	COM	03076K108	232	5,280	SH	DFND	1 4	5,280	0	0
AMERISAFE INC	COM	03071H100	6,351	127,872	SH	DFND	1 3 4	127,872	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	53,821	347,884	SH	DFND	1 3 4	347,884	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	2,233	14,435	SH	DFND	1 4	14,435	0	0
AMETEK INC	COM	031100100	41,302	310,122	SH	DFND	1 3 4	310,122	0	0
AMETEK INC	COM	031100100	2,983	22,400	SH	DFND	1 4	22,400	0	0
AMGEN INC	COM	031162100	154,827	640,258	SH	DFND	1 3 4	640,258	0	0
AMGEN INC	COM	031162100	8,235	34,056	SH	DFND	1 4	34,056	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	452	47,749	SH	DFND	1 4	47,749	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	287	30,333	SH	DFND	1 3 4	30,333	0	0

AMKOR TECHNOLOGY INC	COM	031652100	7,750	356,808	SH	DFND	1 3 4	356,808	0	0
AMKOR TECHNOLOGY INC	COM	031652100	225	10,352	SH	DFND	1 4	10,352	0	0
AMMO INC	COM	00175J107	77	16,000	SH	DFND	1 4	16,000	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	62,808	602,017	SH	DFND	1 3 4	602,017	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	893	8,561	SH	DFND	1 4	8,561	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	356	85,425	SH	DFND	1 3 4	85,425	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	76	18,142	SH	DFND	1 4	18,142	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	9,582	266,904	SH	DFND	1 3 4	266,904	0	0
AMPHENOL CORP NEW	CL A	032095101	56,407	748,605	SH	DFND	1 3 4	748,605	0	0
AMPHENOL CORP NEW	CL A	032095101	4,331	57,472	SH	DFND	1 4	57,472	0	0
AMPIO PHARMACEUTICALS INC	COM	03209T109	17	36,770	SH	DFND	1 4	36,770	0	0
AMYRIS INC	COM NEW	03236M200	71	16,321	SH	DFND	1 4	16,321	0	0
ANALOG DEVICES INC	COM	032654105	3,765	22,791	SH	DFND	1 4	22,791	0	0
ANALOG DEVICES INC	COM	032654105	104,912	635,138	SH	DFND	1 3 4	635,138	0	0
ANAPLAN INC	COM	03272L108	913	14,036	SH	DFND	1 4	14,036	0	0
ANAPTYSBIO INC	COM	032724106	380	15,373	SH	DFND	1 3 4	15,373	0	0
ANAVEX LIFE SCIENCES CORP	COM NEW	032797300	151	12,282	SH	DFND	1 4	12,282	0	0
ANDERSONS INC	COM	034164103	10,477	208,453	SH	DFND	1 3 4	208,453	0	0
ANGIODYNAMICS INC	COM	03475V101	6,081	282,299	SH	DFND	1 3 4	282,299	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	2,472	87,927	SH	DFND	1 3 4	87,927	0	0
ANIKA THERAPEUTICS INC	COM	035255108	2,604	103,699	SH	DFND	1 3 4	103,699	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	248	35,202	SH	DFND	1 3 4	35,202	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	962	136,694	SH	DFND	1 4	136,694	0	0
ANSYS INC	COM	03662Q105	340,624	1,072,325	SH	DFND	1 3 4	1,072,325	0	0
ANSYS INC	COM	03662Q105	2,706	8,520	SH	DFND	1 4	8,520	0	0
ANTARES PHARMA INC	COM	036642106	125	30,560	SH	DFND	1 4	30,560	0	0
ANTARES PHARMA INC	COM	036642106	281	68,546	SH	DFND	1 3 4	68,546	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	16,065	1,477,925	SH	DFND	1 3 4	1,477,925	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	353	32,465	SH	DFND	1 4	32,465	0	0
ANTERO RESOURCES CORP	COM	03674X106	803	26,309	SH	DFND	1 4	26,309	0	0
ANTHEM INC	COM	036752103	137,618	280,156	SH	DFND	1 3 4	280,156	0	0
ANTHEM INC	COM	036752103	3,245	6,607	SH	DFND	1 4	6,607	0	0
AON PLC	SHS CL A	G0403H108	280,952	862,794	SH	DFND	1 3 4	862,794	0	0
AON PLC	SHS CL A	G0403H108	3,644	11,192	SH	DFND	1 4	11,192	0	0
APA CORPORATION	COM	03743Q108	16,731	404,816	SH	DFND	1 3 4	404,816	0	0
APA CORPORATION	COM	03743Q108	1,456	35,239	SH	DFND	1 4	35,239	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	36,970	691,547	SH	DFND	1 3 4	691,547	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	421,227	7,879,298	SH	DFND	2 3 4	7,879,298	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	809	15,134	SH	DFND	1 4	15,134	0	0
APARTMENT INVT & MGMT CO	CL A	03748R747	87	11,931	SH	DFND	1 4	11,931	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	513	10,088	SH	DFND	1 3 4	10,088	0	0



APELLIS PHARMACEUTICALS INC	COM	03753U106	722	14,216	SH	DFND	1 4	14,216	0	0
API GROUP CORP	COM STK	00187Y100	337	16,019	SH	DFND	1 4	16,019	0	0
APOGEE ENTERPRISES INC	COM	037598109	8,580	180,781	SH	DFND	1 3 4	180,781	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	12,155	872,563	SH	DFND	1 3 4	872,563	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	155	11,140	SH	DFND	1 4	11,140	0	0
APOLLO GLOBAL MGMT INC	COM	03769M106	814	13,132	SH	DFND	1 3 4	13,132	0	0
APOLLO GLOBAL MGMT INC	COM	03769M106	2,249	36,285	SH	DFND	1 4	36,285	0	0
APOLLO MED HLDGS INC	COM NEW	03763A207	12,092	249,464	SH	DFND	1 3 4	249,464	0	0
APOLLO MED HLDGS INC	COM NEW	03763A207	332	6,845	SH	DFND	1 4	6,845	0	0
APPFOLIO INC	COM CL A	03783C100	392	3,462	SH	DFND	1 4	3,462	0	0
APPHARVEST INC	COM	03783T103	70	12,966	SH	DFND	1 4	12,966	0	0
APPIAN CORP	CL A	03782L101	434	7,144	SH	DFND	1 4	7,144	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	4,393	244,437	SH	DFND	1 3 4	244,437	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	307	17,089	SH	DFND	1 4	17,089	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	118,646	6,602,428	SH	DFND	2 3 4	6,602,428	0	0
APPLE INC	COM	037833100	3,712,962	21,264,313	SH	DFND	1 3 4	21,264,313	0	0
APPLE INC	COM	037833100	184,157	1,054,675	SH	DFND	1 4	1,054,675	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	27,775	270,555	SH	DFND	1 3 4	270,555	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	716	6,976	SH	DFND	1 4	6,976	0	0
APPLIED MATLS INC	COM	038222105	141,513	1,073,693	SH	DFND	1 3 4	1,073,693	0	0
APPLIED MATLS INC	COM	038222105	7,982	60,563	SH	DFND	1 4	60,563	0	0
APTARGROUP INC	COM	038336103	25,551	217,455	SH	DFND	1 3 4	217,455	0	0
APTARGROUP INC	COM	038336103	746	6,353	SH	DFND	1 4	6,353	0	0
APTIV PLC	SHS	G6095L109	36,748	306,973	SH	DFND	1 3 4	306,973	0	0
APTIV PLC	SHS	G6095L109	3,148	26,300	SH	DFND	1 4	26,300	0	0
ARAMARK	COM	03852U106	209	5,570	SH	DFND	1 3 4	5,570	0	0
ARAMARK	COM	03852U106	845	22,468	SH	DFND	1 4	22,468	0	0
ARBOR REALTY TRUST INC	COM	038923108	196	11,470	SH	DFND	1 4	11,470	0	0
ARCBEST CORP	COM	03937C105	14,849	184,464	SH	DFND	1 3 4	184,464	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	308,047	6,361,971	SH	DFND	1 3 4	6,361,971	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	1,764	36,426	SH	DFND	1 4	36,426	0	0
ARCH RESOURCES INC	CL A	03940R107	210	1,525	SH	DFND	1 4	1,525	0	0
ARCHAEA ENERGY INC	COM CL A	03940F103	329	14,980	SH	DFND	1 3 4	14,980	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	4,884	54,109	SH	DFND	1 4	54,109	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	64,310	712,502	SH	DFND	1 3 4	712,502	0	0
ARCHROCK INC	COM	03957W106	8,926	967,078	SH	DFND	1 3 4	967,078	0	0
ARCHROCK INC	COM	03957W106	100	10,802	SH	DFND	1 4	10,802	0	0
ARCONIC CORPORATION	COM	03966V107	18,005	702,762	SH	DFND	1 3 4	702,762	0	0
ARCONIC CORPORATION	COM	03966V107	218	8,516	SH	DFND	1 4	8,516	0	0
ARCOSA INC	COM	039653100	20,885	364,795	SH	DFND	1 3 4	364,795	0	0
ARCOSA INC	COM	039653100	220	3,847	SH	DFND	1 4	3,847	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	262	8,312	SH	DFND	1 3 4	8,312	0	0
ARDAGH METAL PACKAGING S A	SHS	L02235106	87	10,668	SH	DFND	1 4	10,668	0	0
ARDELYX INC	COM	039697107	12	11,680	SH	DFND	1 3 4	11,680	0	0
ARDELYX INC	COM	039697107	16	15,190	SH	DFND	1 4	15,190	0	0

ARES COML REAL ESTATE CORP	COM	04013V108	1,203	77,529	SH	DFND	1 3 4	77,529	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	170,013	2,092,981	SH	DFND	1 3 4	2,092,981	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	1,137	13,993	SH	DFND	1 4	13,993	0	0
ARISTA NETWORKS INC	COM	040413106	62,963	453,034	SH	DFND	1 3 4	453,034	0	0
ARISTA NETWORKS INC	COM	040413106	3,301	23,752	SH	DFND	1 4	23,752	0	0
ARKO CORP	COM	041242108	138	15,133	SH	DFND	1 4	15,133	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	4,931	556,558	SH	DFND	1 3 4	556,558	0	0
ARLO TECHNOLOGIES INC	COM	04206A101	137	15,462	SH	DFND	1 4	15,462	0	0
ARMADA HOFFLER PTYS INC	COM	04208T108	6,495	444,874	SH	DFND	1 3 4	444,874	0	0
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	4,976	592,357	SH	DFND	1 3 4	592,357	0	0
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	425	4,727	SH	DFND	1 4	4,727	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	11,922	1,057,906	SH	DFND	1 3 4	1,057,906	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	150	13,308	SH	DFND	1 4	13,308	0	0
ARROW ELECTRS INC	COM	042735100	29,100	245,297	SH	DFND	1 3 4	245,297	0	0
ARROW ELECTRS INC	COM	042735100	776	6,544	SH	DFND	1 4	6,544	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	16,576	360,427	SH	DFND	1 3 4	360,427	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	858	18,648	SH	DFND	1 4	18,648	0	0
ARTESIAN RES CORP	CL A	043113208	355	7,320	SH	DFND	1 3 4	7,320	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	418	10,630	SH	DFND	1 4	10,630	0	0
ARTIVION INC	COM	228903100	5,642	263,888	SH	DFND	1 3 4	263,888	0	0
ARVINAS INC	COM	04335A105	384	5,706	SH	DFND	1 3 4	5,706	0	0
ARVINAS INC	COM	04335A105	576	8,554	SH	DFND	1 4	8,554	0	0
ASANA INC	CL A	04342Y104	506	12,664	SH	DFND	1 4	12,664	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	674	4,207	SH	DFND	1 4	4,207	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	26,331	164,365	SH	DFND	1 3 4	164,365	0	0
ASENSUS SURGICAL INC	COM	04367G103	17	26,551	SH	DFND	1 3 4	26,551	0	0
ASENSUS SURGICAL INC	COM	04367G103	16	24,843	SH	DFND	1 4	24,843	0	0
ASGN INC	COM	00191U102	20,087	172,109	SH	DFND	1 3 4	172,109	0	0
ASGN INC	COM	00191U102	1,015	8,693	SH	DFND	1 4	8,693	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	17,210	174,883	SH	DFND	1 3 4	174,883	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	492	5,003	SH	DFND	1 4	5,003	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	3,265	4,888	SH	DFND	1 3 4	4,888	0	0
ASPEN TECHNOLOGY INC	COM	045327103	52,868	319,696	SH	DFND	1 3 4	319,696	0	0
ASPEN TECHNOLOGY INC	COM	045327103	1,107	6,694	SH	DFND	1 4	6,694	0	0
ASPIRA WOMENS HEALTH INC	COM	04537Y109	15	14,194	SH	DFND	1 4	14,194	0	0
ASSOCIATED BANC CORP	COM	045487105	11,248	494,211	SH	DFND	1 3 4	494,211	0	0
ASSOCIATED BANC CORP	COM	045487105	270	11,851	SH	DFND	1 4	11,851	0	0
ASSURANT INC	COM	04621X108	11,928	65,597	SH	DFND	1 3 4	65,597	0	0
ASSURANT INC	COM	04621X108	1,005	5,525	SH	DFND	1 4	5,525	0	0
ASSURED GUARANTY LTD	COM	G0585R106	85,441	1,342,135	SH	DFND	1 3 4	1,342,135	0	0
ASSURED GUARANTY	COM	G0585R106	422	6,627	SH	DFND	1 4	6,627	0	0

LTD										
ASTEC INDS INC	COM	046224101	6,457	150,165	SH	DFND	1 3 4	150,165	0	0
AT&T INC	COM	00206R102	236,478	10,007,514	SH	DFND	1 3 4	10,007,514	0	0
AT&T INC	COM	00206R102	4,559	192,915	SH	DFND	1 4	192,915	0	0
ATHENEX INC	COM	04685N103	10	12,387	SH	DFND	1 3 4	12,387	0	0
ATHENEX INC	COM	04685N103	9	11,010	SH	DFND	1 4	11,010	0	0
ATHERSYS INC NEW	COM	04744L106	21	34,717	SH	DFND	1 4	34,717	0	0
ATI PHYSICAL THERAPY INC	COM CL A	00216W109	202	107,445	SH	DFND	1 3 4	107,445	0	0
ATKORE INC	COM	047649108	802	8,148	SH	DFND	1 4	8,148	0	0
ATKORE INC	COM	047649108	29,075	295,357	SH	DFND	1 3 4	295,357	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	221	6,014	SH	DFND	1 4	6,014	0	0
ATLANTICUS HOLDINGS CORP	COM	04914Y102	206	3,983	SH	DFND	1 3 4	3,983	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	32,073	371,346	SH	DFND	1 3 4	371,346	0	0
ATLASSIAN CORP PLC	CL A	G06242104	2,789	9,492	SH	DFND	1 4	9,492	0	0
ATMOS ENERGY CORP	COM	049560105	19,330	161,775	SH	DFND	1 3 4	161,775	0	0
ATMOS ENERGY CORP	COM	049560105	1,556	13,025	SH	DFND	1 4	13,025	0	0
ATN INTL INC	COM	00215F107	2,878	72,172	SH	DFND	1 3 4	72,172	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	18	14,348	SH	DFND	1 3 4	14,348	0	0
ATOSSA THERAPEUTICS INC	COM	04962H506	13	10,174	SH	DFND	1 4	10,174	0	0
ATOTECH LTD	COM	G0625A105	19,569	891,532	SH	DFND	1 3 4	891,532	0	0
ATRICURE INC	COM	04963C209	9,493	144,562	SH	DFND	1 3 4	144,562	0	0
ATRICURE INC	COM	04963C209	534	8,135	SH	DFND	1 4	8,135	0	0
ATRION CORP	COM	049904105	616	864	SH	DFND	1 3 4	864	0	0
AUTODESK INC	COM	052769106	699,780	3,264,659	SH	DFND	1 3 4	3,264,659	0	0
AUTODESK INC	COM	052769106	3,216	15,005	SH	DFND	1 4	15,005	0	0
AUTOLIV INC	COM	052800109	9,551	124,951	SH	DFND	1 3 4	124,951	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	115,672	508,362	SH	DFND	1 3 4	508,362	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	6,213	27,306	SH	DFND	1 4	27,306	0	0
AUTONATION INC	COM	05329W102	13,151	132,066	SH	DFND	1 3 4	132,066	0	0
AUTONATION INC	COM	05329W102	400	4,019	SH	DFND	1 4	4,019	0	0
AUTOZONE INC	COM	053332102	4,118	2,014	SH	DFND	1 4	2,014	0	0
AUTOZONE INC	COM	053332102	52,403	25,630	SH	DFND	1 3 4	25,630	0	0
AVALARA INC	COM	05338G106	836	8,397	SH	DFND	1 4	8,397	0	0
AVALARA INC	COM	05338G106	210	2,109	SH	DFND	1 3 4	2,109	0	0
AVALONBAY CMNTYS INC	COM	053484101	62,964	253,508	SH	DFND	1 3 4	253,508	0	0
AVALONBAY CMNTYS INC	COM	053484101	3,364	13,546	SH	DFND	1 4	13,546	0	0
AVALONBAY CMNTYS INC	COM	053484101	1,129,502	4,547,660	SH	DFND	2 3 4	4,547,660	0	0
AVANGRID INC	COM	05351W103	260	5,566	SH	DFND	1 4	5,566	0	0
AVANOS MED INC	COM	05350V106	12,293	366,960	SH	DFND	1 3 4	366,960	0	0
AVANTOR INC	COM	05352A100	21,907	647,739	SH	DFND	1 3 4	647,739	0	0
AVANTOR INC	COM	05352A100	2,014	59,546	SH	DFND	1 4	59,546	0	0
AVAYA HLDGS CORP	COM	05351X101	191	15,111	SH	DFND	1 4	15,111	0	0
AVEANNA HEALTHCARE HLDGS INC	COM	05356F105	8,381	2,457,839	SH	DFND	1 3 4	2,457,839	0	0
AVERY DENNISON CORP	COM	053611109	96,884	556,895	SH	DFND	1 3 4	556,895	0	0
AVERY DENNISON CORP	COM	053611109	1,410	8,106	SH	DFND	1 4	8,106	0	0
AVIAT NETWORKS INC	COM NEW	05366Y201	409	13,283	SH	DFND	1 3 4	13,283	0	0
AVID BIOSERVICES INC	COM	05368M106	9,064	444,963	SH	DFND	1 3 4	444,963	0	0
AVID BIOSERVICES INC	COM	05368M106	218	10,694	SH	DFND	1 4	10,694	0	0
AVID TECHNOLOGY INC	COM	05367P100	231	6,621	SH	DFND	1 4	6,621	0	0
AVIDXCHANGE HOLDINGS INC	COM	05368X102	5,131	637,347	SH	DFND	1 3 4	637,347	0	0

AVIENT CORPORATION	COM	05368V106	16,613	346,105	SH	DFND	1 3 4	346,105	0	0
AVIENT CORPORATION	COM	05368V106	395	8,230	SH	DFND	1 4	8,230	0	0
AVIS BUDGET GROUP	COM	053774105	34,860	132,396	SH	DFND	1 3 4	132,396	0	0
AVIS BUDGET GROUP	COM	053774105	866	3,289	SH	DFND	1 4	3,289	0	0
AVISTA CORP	COM	05379B107	255	5,641	SH	DFND	1 4	5,641	0	0
AVISTA CORP	COM	05379B107	23,396	518,187	SH	DFND	1 3 4	518,187	0	0
AVNET INC	COM	053807103	392	9,652	SH	DFND	1 4	9,652	0	0
AVNET INC	COM	053807103	18,083	445,509	SH	DFND	1 3 4	445,509	0	0
AXALTA COATING SYS LTD	COM	G0750C108	498	20,279	SH	DFND	1 4	20,279	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	16,605	219,852	SH	DFND	1 3 4	219,852	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	452	5,984	SH	DFND	1 4	5,984	0	0
AXIS CAP HLDGS LTD	SHS	G0692U109	455	7,519	SH	DFND	1 4	7,519	0	0
AXOGEN INC	COM	05463X106	88	11,132	SH	DFND	1 3 4	11,132	0	0
AXON ENTERPRISE INC	COM	05464C101	31,152	226,179	SH	DFND	1 3 4	226,179	0	0
AXON ENTERPRISE INC	COM	05464C101	874	6,345	SH	DFND	1 4	6,345	0	0
AXONICS INC	COM	05465P101	5,770	92,174	SH	DFND	1 3 4	92,174	0	0
AXONICS INC	COM	05465P101	521	8,322	SH	DFND	1 4	8,322	0	0
AXOS FINANCIAL INC	COM	05465C100	18,194	392,205	SH	DFND	1 3 4	392,205	0	0
AXOS FINANCIAL INC	COM	05465C100	237	5,101	SH	DFND	1 4	5,101	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	211	5,088	SH	DFND	1 4	5,088	0	0
AZEK CO INC	CL A	05478C105	275	11,057	SH	DFND	1 4	11,057	0	0
AZENTA INC	COM	114340102	21,530	259,774	SH	DFND	1 3 4	259,774	0	0
AZENTA INC	COM	114340102	598	7,214	SH	DFND	1 4	7,214	0	0
AZZ INC	COM	002474104	8,444	175,040	SH	DFND	1 3 4	175,040	0	0
B & G FOODS INC NEW	COM	05508R106	13,047	483,592	SH	DFND	1 3 4	483,592	0	0
B. RILEY FINANCIAL INC	COM	05580M108	10,837	154,909	SH	DFND	1 3 4	154,909	0	0
BABCOCK & WILCOX ENTERPRISES	COM	05614L209	1,162	142,364	SH	DFND	1 3 4	142,364	0	0
BADGER METER INC	COM	056525108	22,896	229,624	SH	DFND	1 3 4	229,624	0	0
BADGER METER INC	COM	056525108	529	5,304	SH	DFND	1 4	5,304	0	0
BAKER HUGHES COMPANY	CL A	05722G100	37,419	1,027,710	SH	DFND	1 3 4	1,027,710	0	0
BAKER HUGHES COMPANY	CL A	05722G100	2,608	71,619	SH	DFND	1 4	71,619	0	0
BALCHEM CORP	COM	057665200	31,620	231,308	SH	DFND	1 3 4	231,308	0	0
BALCHEM CORP	COM	057665200	801	5,856	SH	DFND	1 4	5,856	0	0
BALL CORP	COM	058498106	58,524	650,270	SH	DFND	1 3 4	650,270	0	0
BALL CORP	COM	058498106	2,796	31,072	SH	DFND	1 4	31,072	0	0
BANC OF CALIFORNIA INC	COM	05990K106	6,922	357,519	SH	DFND	1 3 4	357,519	0	0
BANCFIRST CORP	COM	05945F103	20,761	249,504	SH	DFND	1 3 4	249,504	0	0
BANCORP INC DEL	COM	05969A105	28,247	997,039	SH	DFND	1 3 4	997,039	0	0
BANK HAWAII CORP	COM	062540109	11,159	132,976	SH	DFND	1 3 4	132,976	0	0
BANK HAWAII CORP	COM	062540109	325	3,873	SH	DFND	1 4	3,873	0	0
BANK MONTREAL QUE	COM	063671101	4,922	41,790	SH	DFND	1 3 4	41,790	0	0
BANK NEW YORK MELLON CORP	COM	064058100	41,812	842,467	SH	DFND	1 3 4	842,467	0	0
BANK NEW YORK MELLON CORP	COM	064058100	987	19,884	SH	DFND	1 4	19,884	0	0
BANK NOVA SCOTIA B C	COM	064149107	5,850	81,557	SH	DFND	1 3 4	81,557	0	0
BANK OZK	COM	06417N103	98,502	2,306,831	SH	DFND	1 3 4	2,306,831	0	0
BANK OZK	COM	06417N103	498	11,656	SH	DFND	1 4	11,656	0	0
BANKUNITED INC	COM	06652K103	24,861	565,536	SH	DFND	1 3 4	565,536	0	0
BANKUNITED INC	COM	06652K103	299	6,793	SH	DFND	1 4	6,793	0	0
BANNER CORP	COM NEW	06652V208	13,247	226,331	SH	DFND	1 3 4	226,331	0	0
BARNES & NOBLE ED INC	COM	06777U101	859	240,072	SH	DFND	1 3 4	240,072	0	0
BARNES GROUP INC	COM	067806109	13,387	333,104	SH	DFND	1 3 4	333,104	0	0

BARRICK GOLD CORP	COM	067901108	15,058	613,441	SH	DFND	1 3 4	613,441	0	0
BATH & BODY WORKS INC	COM	070830104	14,083	294,628	SH	DFND	1 3 4	294,628	0	0
BATH & BODY WORKS INC	COM	070830104	1,119	23,409	SH	DFND	1 4	23,409	0	0
BAXTER INTL INC	COM	071813109	44,156	569,462	SH	DFND	1 3 4	569,462	0	0
BAXTER INTL INC	COM	071813109	1,049	13,524	SH	DFND	1 4	13,524	0	0
BCE INC	COM NEW	05534B760	317,306	5,721,295	SH	DFND	1 3 4	5,721,295	0	0
BEACON ROOFING SUPPLY INC	COM	073685109	516	8,711	SH	DFND	1 4	8,711	0	0
BEAM THERAPEUTICS INC	COM	07373V105	692	12,073	SH	DFND	1 3 4	12,073	0	0
BEAM THERAPEUTICS INC	COM	07373V105	533	9,295	SH	DFND	1 4	9,295	0	0
BECTON DICKINSON & CO	COM	075887109	334,552	1,257,712	SH	DFND	1 3 4	1,257,712	0	0
BECTON DICKINSON & CO	COM	075887109	2,046	7,691	SH	DFND	1 4	7,691	0	0
BED BATH & BEYOND INC	COM	075896100	14,573	646,808	SH	DFND	1 3 4	646,808	0	0
BELDEN INC	COM	077454106	8,217	148,318	SH	DFND	1 3 4	148,318	0	0
BELLRING BRANDS INC	COMMON STOCK	07831C103	8,513	368,865	SH	DFND	1 3 4	368,865	0	0
BELLRING BRANDS INC	COMMON STOCK	07831C103	382	16,540	SH	DFND	1 4	16,540	0	0
BENCHMARK ELECTRS INC	COM	08160H101	6,477	258,680	SH	DFND	1 3 4	258,680	0	0
BENTLEY SYS INC	COM CL B	08265T208	5,534	125,256	SH	DFND	1 3 4	125,256	0	0
BENTLEY SYS INC	COM CL B	08265T208	594	13,450	SH	DFND	1 4	13,450	0	0
BERKLEY W R CORP	COM	084423102	18,338	275,394	SH	DFND	1 3 4	275,394	0	0
BERKLEY W R CORP	COM	084423102	1,339	20,115	SH	DFND	1 4	20,115	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	796,184	2,256,055	SH	DFND	1 3 4	2,256,055	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	17,464	49,487	SH	DFND	1 4	49,487	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	9,314	321,495	SH	DFND	1 3 4	321,495	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	760	13,119	SH	DFND	1 4	13,119	0	0
BEST BUY INC	COM	086516101	24,168	265,875	SH	DFND	1 3 4	265,875	0	0
BEST BUY INC	COM	086516101	2,144	23,581	SH	DFND	1 4	23,581	0	0
BEYOND MEAT INC	COM	08862E109	274	5,663	SH	DFND	1 4	5,663	0	0
BGC PARTNERS INC	CL A	05541T101	111	25,213	SH	DFND	1 4	25,213	0	0
BIG 5 SPORTING GOODS CORP	COM	08915P101	836	48,730	SH	DFND	1 3 4	48,730	0	0
BIG LOTS INC	COM	089302103	6,976	201,607	SH	DFND	1 3 4	201,607	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	5,194	237,075	SH	DFND	1 3 4	237,075	0	0
BILL COM HLDGS INC	COM	090043100	4,001	17,643	SH	DFND	1 3 4	17,643	0	0
BILL COM HLDGS INC	COM	090043100	2,098	9,249	SH	DFND	1 4	9,249	0	0
BIO RAD LABS INC	CL A	090572207	24,724	43,896	SH	DFND	1 3 4	43,896	0	0
BIO RAD LABS INC	CL A	090572207	1,164	2,066	SH	DFND	1 4	2,066	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	338	20,801	SH	DFND	1 3 4	20,801	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	263	16,191	SH	DFND	1 4	16,191	0	0
BIOGEN INC	COM	09062X103	35,105	166,692	SH	DFND	1 3 4	166,692	0	0
BIOGEN INC	COM	09062X103	831	3,944	SH	DFND	1 4	3,944	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	2,055	17,330	SH	DFND	1 3 4	17,330	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	977	8,242	SH	DFND	1 4	8,242	0	0
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	4,601	202,412	SH	DFND	1 3 4	202,412	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,971	25,563	SH	DFND	1 3 4	25,563	0	0

BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,366	17,719	SH	DFND	1 4	17,719	0	0
BIONANO GENOMICS INC	COM	09075F107	1,589	615,938	SH	DFND	1 3 4	615,938	0	0
BIONANO GENOMICS INC	COM	09075F107	138	53,412	SH	DFND	1 4	53,412	0	0
BIO-TECHNE CORP	COM	09073M104	35,401	81,749	SH	DFND	1 3 4	81,749	0	0
BIO-TECHNE CORP	COM	09073M104	1,675	3,867	SH	DFND	1 4	3,867	0	0
BJS RESTAURANTS INC	COM	09180C106	4,350	153,721	SH	DFND	1 3 4	153,721	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	64,616	955,721	SH	DFND	1 3 4	955,721	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	1,443	21,347	SH	DFND	1 4	21,347	0	0
BK OF AMERICA CORP	COM	060505104	497,635	12,072,656	SH	DFND	1 3 4	12,072,656	0	0
BK OF AMERICA CORP	COM	060505104	7,916	192,036	SH	DFND	1 4	192,036	0	0
BLACK HILLS CORP	COM	092113109	16,238	210,825	SH	DFND	1 3 4	210,825	0	0
BLACK HILLS CORP	COM	092113109	393	5,100	SH	DFND	1 4	5,100	0	0
BLACK KNIGHT INC	COM	09215C105	529,453	9,130,087	SH	DFND	1 3 4	9,130,087	0	0
BLACK KNIGHT INC	COM	09215C105	856	14,761	SH	DFND	1 4	14,761	0	0
BLACKBAUD INC	COM	09227Q100	10,971	183,240	SH	DFND	1 3 4	183,240	0	0
BLACKBAUD INC	COM	09227Q100	521	8,698	SH	DFND	1 4	8,698	0	0
BLACKBERRY LTD	COM	09228F103	96	12,900	SH	DFND	1 3 4	12,900	0	0
BLACKLINE INC	COM	09239B109	721	9,845	SH	DFND	1 4	9,845	0	0
BLACKROCK INC	COM	09247X101	434,605	568,728	SH	DFND	1 3 4	568,728	0	0
BLACKROCK INC	COM	09247X101	2,947	3,856	SH	DFND	1 4	3,856	0	0
BLACKSTONE INC	COM	09260D107	10,077	79,386	SH	DFND	1 3 4	79,386	0	0
BLACKSTONE INC	COM	09260D107	6,078	47,881	SH	DFND	1 4	47,881	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	397	12,489	SH	DFND	1 4	12,489	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	880	27,694	SH	DFND	1 3 4	27,694	0	0
BLOCK H & R INC	COM	093671105	19,072	732,406	SH	DFND	1 3 4	732,406	0	0
BLOCK H & R INC	COM	093671105	431	16,553	SH	DFND	1 4	16,553	0	0
BLOCK INC	CL A	852234103	122,204	901,215	SH	DFND	1 3 4	901,215	0	0
BLOCK INC	CL A	852234103	4,433	32,692	SH	DFND	1 4	32,692	0	0
BLOOM ENERGY CORP	COM CL A	093712107	1,164	48,212	SH	DFND	1 3 4	48,212	0	0
BLOOM ENERGY CORP	COM CL A	093712107	624	25,832	SH	DFND	1 4	25,832	0	0
BLOOMIN BRANDS INC	COM	094235108	35,186	1,603,756	SH	DFND	1 3 4	1,603,756	0	0
BLOOMIN BRANDS INC	COM	094235108	353	16,088	SH	DFND	1 4	16,088	0	0
BLUCORA INC	COM	095229100	6,295	322,000	SH	DFND	1 3 4	322,000	0	0
BLUEBIRD BIO INC	COM	09609G100	69	14,297	SH	DFND	1 3 4	14,297	0	0
BLUELINX HLDGS INC	COM NEW	09624H208	838	11,659	SH	DFND	1 3 4	11,659	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	433	6,777	SH	DFND	1 3 4	6,777	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	654	10,242	SH	DFND	1 4	10,242	0	0
BOEING CO	COM	097023105	119,142	622,152	SH	DFND	1 3 4	622,152	0	0
BOEING CO	COM	097023105	2,767	14,447	SH	DFND	1 4	14,447	0	0
BOISE CASCADE CO DEL	COM	09739D100	20,568	296,075	SH	DFND	1 3 4	296,075	0	0
BOISE CASCADE CO DEL	COM	09739D100	278	4,005	SH	DFND	1 4	4,005	0	0
BOK FINL CORP	COM NEW	05561Q201	280	2,979	SH	DFND	1 4	2,979	0	0
BOOKING HOLDINGS INC	COM	09857L108	109,447	46,604	SH	DFND	1 3 4	46,604	0	0
BOOKING HOLDINGS INC	COM	09857L108	6,576	2,800	SH	DFND	1 4	2,800	0	0
BOOT BARN HLDGS INC	COM	099406100	27,009	284,934	SH	DFND	1 3 4	284,934	0	0
BOOT BARN HLDGS INC	COM	099406100	504	5,313	SH	DFND	1 4	5,313	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	1,149	13,082	SH	DFND	1 4	13,082	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	2,330	26,520	SH	DFND	1 3 4	26,520	0	0
BORGWARNER INC	COM	099724106	10,585	272,108	SH	DFND	1 3 4	272,108	0	0

BORGWARNER INC	COM	099724106	905	23,271	SH	DFND	1 4	23,271	0	0
BOSTON BEER INC	CL A	100557107	12,047	31,012	SH	DFND	1 3 4	31,012	0	0
BOSTON BEER INC	CL A	100557107	354	912	SH	DFND	1 4	912	0	0
BOSTON PROPERTIES INC	COM	101121101	20,935	162,542	SH	DFND	1 3 4	162,542	0	0
BOSTON PROPERTIES INC	COM	101121101	1,957	15,194	SH	DFND	1 4	15,194	0	0
BOSTON PROPERTIES INC	COM	101121101	8,460	65,681	SH	DFND	2 3 4	65,681	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	71,836	1,621,945	SH	DFND	1 3 4	1,621,945	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	1,691	38,174	SH	DFND	1 4	38,174	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	14,468	255,257	SH	DFND	1 3 4	255,257	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	246	4,333	SH	DFND	1 4	4,333	0	0
BOX INC	CL A	10316T104	721	24,806	SH	DFND	1 4	24,806	0	0
BOYD GAMING CORP	COM	103304101	17,821	270,923	SH	DFND	1 3 4	270,923	0	0
BOYD GAMING CORP	COM	103304101	530	8,052	SH	DFND	1 4	8,052	0	0
BRADY CORP	CL A	104674106	14,750	318,784	SH	DFND	1 3 4	318,784	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	22,574	1,596,439	SH	DFND	1 3 4	1,596,439	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	191	13,473	SH	DFND	1 4	13,473	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	67,468	4,771,438	SH	DFND	2 3 4	4,771,438	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	175	17,269	SH	DFND	1 3 4	17,269	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	161	15,814	SH	DFND	1 4	15,814	0	0
BRIGHAM MINERALS INC	CL A COM	10918L103	639	25,011	SH	DFND	1 3 4	25,011	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	67	34,600	SH	DFND	1 3 4	34,600	0	0
BRIGHT HEALTH GROUP INC	COM	10920V107	75	39,054	SH	DFND	1 4	39,054	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	789	5,948	SH	DFND	1 4	5,948	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	91,674	690,885	SH	DFND	1 3 4	690,885	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	13,289	257,240	SH	DFND	1 3 4	257,240	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	389	7,528	SH	DFND	1 4	7,528	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	8,866	365,614	SH	DFND	1 3 4	365,614	0	0
BRINKER INTL INC	COM	109641100	11,226	294,191	SH	DFND	1 3 4	294,191	0	0
BRINKER INTL INC	COM	109641100	307	8,043	SH	DFND	1 4	8,043	0	0
BRINKS CO	COM	109696104	13,488	198,357	SH	DFND	1 3 4	198,357	0	0
BRINKS CO	COM	109696104	594	8,731	SH	DFND	1 4	8,731	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	4,301	58,894	SH	DFND	1 4	58,894	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	217,276	2,975,156	SH	DFND	1 3 4	2,975,156	0	0
BRISTOW GROUP INC	COM	11040G103	6,657	179,532	SH	DFND	1 3 4	179,532	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	25,395	983,904	SH	DFND	1 3 4	983,904	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	744	28,845	SH	DFND	1 4	28,845	0	0
BROADCOM INC	COM	11135F101	432,240	686,444	SH	DFND	1 3 4	686,444	0	0
BROADCOM INC	COM	11135F101	17,367	27,581	SH	DFND	1 4	27,581	0	0
BROADMARK RLTY CAP INC	COM	11135B100	89	10,288	SH	DFND	1 4	10,288	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	21,060	135,249	SH	DFND	1 3 4	135,249	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	1,776	11,408	SH	DFND	1 4	11,408	0	0
BROADSTONE NET	COM	11135E203	9,504	436,338	SH	DFND	1 3 4	436,338	0	0

LEASE INC										
BROADSTONE NET LEASE INC	COM	11135E203	273	12,543	SH	DFND	1 4	12,543	0	0
BROADSTONE NET LEASE INC	COM	11135E203	270,467	12,418,122	SH	DFND	2 3 4	12,418,122	0	0
BROOKDALE SR LIVING INC	COM	112463104	1,355	192,204	SH	DFND	1 3 4	192,204	0	0
BROOKDALE SR LIVING INC	COM	112463104	105	14,824	SH	DFND	1 4	14,824	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	2,456,964	43,430,538	SH	DFND	1 3 4	43,430,538	0	0
BROOKFIELD ASSET MGMT REINS	CL A EXCH LT VTG	G16169107	16,261	284,288	SH	DFND	1 3 4	284,288	0	0
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	628,037	9,482,667	SH	DFND	1 3 4	9,482,667	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	88,568	1,174,013	SH	DFND	1 3 4	1,174,013	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	381	5,048	SH	DFND	1 4	5,048	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	105,739	2,414,126	SH	DFND	1 3 4	2,414,126	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	550	12,558	SH	DFND	1 4	12,558	0	0
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	232,999	5,673,217	SH	DFND	1 3 4	5,673,217	0	0
BROOKLINE BANCORP INC DEL	COM	11373M107	8,117	513,113	SH	DFND	1 3 4	513,113	0	0
BROWN & BROWN INC	COM	115236101	1,656	22,911	SH	DFND	1 4	22,911	0	0
BROWN & BROWN INC	COM	115236101	638,242	8,831,355	SH	DFND	1 3 4	8,831,355	0	0
BROWN FORMAN CORP	CL A	115637100	285	4,548	SH	DFND	1 4	4,548	0	0
BROWN FORMAN CORP	CL A	115637100	2,218	35,346	SH	DFND	1 3 4	35,346	0	0
BROWN FORMAN CORP	CL B	115637209	57,387	856,281	SH	DFND	1 3 4	856,281	0	0
BROWN FORMAN CORP	CL B	115637209	1,204	17,963	SH	DFND	1 4	17,963	0	0
BRP GROUP INC	COM CL A	05589G102	3,128	116,597	SH	DFND	1 3 4	116,597	0	0
BRP GROUP INC	COM CL A	05589G102	231	8,609	SH	DFND	1 4	8,609	0	0
BRP INC	COM SUN VTG	05577W200	39,790	485,535	SH	DFND	1 3 4	471,335	0	14,200
BRUKER CORP	COM	116794108	21,811	339,205	SH	DFND	1 3 4	339,205	0	0
BRUKER CORP	COM	116794108	650	10,103	SH	DFND	1 4	10,103	0	0
BRUNSWICK CORP	COM	117043109	96,424	1,192,038	SH	DFND	1 3 4	1,192,038	0	0
BRUNSWICK CORP	COM	117043109	613	7,580	SH	DFND	1 4	7,580	0	0
BTRS HOLDINGS INC	COM CL 1	11778X104	129	17,265	SH	DFND	1 4	17,265	0	0
BUCKLE INC	COM	118440106	7,574	229,232	SH	DFND	1 3 4	229,232	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,189	18,417	SH	DFND	1 4	18,417	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	62,232	964,238	SH	DFND	1 3 4	964,238	0	0
BUMBLE INC	COM CL A	12047B105	6,341	218,794	SH	DFND	1 3 4	218,794	0	0
BUNGE LIMITED	COM	G16962105	10,351	93,409	SH	DFND	1 3 4	93,409	0	0
BUNGE LIMITED	COM	G16962105	1,479	13,348	SH	DFND	1 4	13,348	0	0
BURLINGTON STORES INC	COM	122017106	295	1,621	SH	DFND	1 3 4	1,621	0	0
BURLINGTON STORES INC	COM	122017106	1,194	6,553	SH	DFND	1 4	6,553	0	0
BUTTERFLY NETWORK INC	COM CL A	124155102	90	18,984	SH	DFND	1 3 4	18,984	0	0
BUTTERFLY NETWORK INC	COM CL A	124155102	116	24,276	SH	DFND	1 4	24,276	0	0
BWX TECHNOLOGIES INC	COM	05605H100	491	9,118	SH	DFND	1 4	9,118	0	0
BYLINE BANCORP INC	COM	124411109	769	28,820	SH	DFND	1 3 4	28,820	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	1,375	12,762	SH	DFND	1 4	12,762	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	15,936	147,951	SH	DFND	1 3 4	147,951	0	0
CABLE ONE INC	COM	12685J105	169,371	115,672	SH	DFND	1 3 4	115,672	0	0



CABLE ONE INC	COM	12685J105	764	522	SH	DFND	1 4	522	0	0
CABOT CORP	COM	127055101	15,479	226,261	SH	DFND	1 3 4	226,261	0	0
CABOT CORP	COM	127055101	697	10,191	SH	DFND	1 4	10,191	0	0
CACI INTL INC	CL A	127190304	33,906	112,547	SH	DFND	1 3 4	112,547	0	0
CACI INTL INC	CL A	127190304	680	2,257	SH	DFND	1 4	2,257	0	0
CACTUS INC	CL A	127203107	1,856	32,704	SH	DFND	1 3 4	32,704	0	0
CACTUS INC	CL A	127203107	571	10,067	SH	DFND	1 4	10,067	0	0
CADENCE BANK	COM	12740C103	508	17,348	SH	DFND	1 4	17,348	0	0
CADENCE BANK	COM	12740C103	18,204	622,163	SH	DFND	1 3 4	622,163	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	59,111	359,422	SH	DFND	1 3 4	359,422	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	4,471	27,183	SH	DFND	1 4	27,183	0	0
CAE INC	COM	124765108	810	31,109	SH	DFND	1 3 4	31,109	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	66,166	855,298	SH	DFND	1 3 4	855,298	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	1,543	19,951	SH	DFND	1 4	19,951	0	0
CAL MAINE FOODS INC	COM NEW	128030202	13,659	247,362	SH	DFND	1 3 4	247,362	0	0
CALAMP CORP	COM	128126109	1,731	236,835	SH	DFND	1 3 4	236,835	0	0
CALAVO GROWERS INC	COM	128246105	4,250	116,610	SH	DFND	1 3 4	116,610	0	0
CALERES INC	COM	129500104	27,375	1,416,218	SH	DFND	1 3 4	1,416,218	0	0
CALIFORNIA RES CORP	COM STOCK	13057Q305	35,154	785,927	SH	DFND	1 3 4	785,927	0	0
CALIFORNIA RES CORP	COM STOCK	13057Q305	289	6,464	SH	DFND	1 4	6,464	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	248	4,188	SH	DFND	1 4	4,188	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	24,634	415,554	SH	DFND	1 3 4	415,554	0	0
CALIX INC	COM	13100M509	389	9,058	SH	DFND	1 4	9,058	0	0
CALIX INC	COM	13100M509	9,405	219,183	SH	DFND	1 3 4	219,183	0	0
CALLAWAY GOLF CO	COM	131193104	9,066	387,125	SH	DFND	1 3 4	387,125	0	0
CALLAWAY GOLF CO	COM	131193104	216	9,224	SH	DFND	1 4	9,224	0	0
CALLON PETE CO DEL	COM	13123X508	22,968	388,765	SH	DFND	1 3 4	388,765	0	0
CALLON PETE CO DEL	COM	13123X508	475	8,044	SH	DFND	1 4	8,044	0	0
CAMBIUM NETWORKS CORP	SHS	G17766109	404	17,110	SH	DFND	1 3 4	17,110	0	0
CAMDEN NATL CORP	COM	133034108	395	8,406	SH	DFND	1 3 4	8,406	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	99,094	596,234	SH	DFND	1 3 4	596,234	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	1,597	9,608	SH	DFND	1 4	9,608	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	36,944	222,286	SH	DFND	2 3 4	222,286	0	0
CAMECO CORP	COM	13321L108	302	10,365	SH	DFND	1 3 4	10,365	0	0
CAMPBELL SOUP CO	COM	134429109	10,289	230,854	SH	DFND	1 3 4	230,854	0	0
CAMPBELL SOUP CO	COM	134429109	845	18,954	SH	DFND	1 4	18,954	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	2,046	73,207	SH	DFND	1 3 4	73,207	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	214	7,646	SH	DFND	1 4	7,646	0	0
CANADIAN IMP BK COMM	COM	136069101	84,366	694,415	SH	DFND	1 3 4	694,415	0	0
CANADIAN NAT RES LTD	COM	136385101	18,866	304,408	SH	DFND	1 3 4	304,408	0	0
CANADIAN NATL RY CO	COM	136375102	220,916	1,645,408	SH	DFND	1 3 4	1,615,408	0	30,000
CANADIAN PAC RY LTD	COM	13645T100	214,374	2,595,116	SH	DFND	1 3 4	2,533,216	0	61,900
CANO HEALTH INC	COM CL A	13781Y103	125	19,618	SH	DFND	1 3 4	19,618	0	0
CANOO INC	COM CL A	13803R102	75	13,503	SH	DFND	1 4	13,503	0	0
CANTALOUPE INC	COM	138103106	72	10,670	SH	DFND	1 4	10,670	0	0
CAPITAL ONE FINL CORP	COM	14040H105	63,085	480,503	SH	DFND	1 3 4	480,503	0	0
CAPITAL ONE FINL CORP	COM	14040H105	1,457	11,095	SH	DFND	1 4	11,095	0	0
CAPITOL FED FINL INC	COM	14057J101	9,275	852,490	SH	DFND	1 3 4	852,490	0	0
CAPITOL FED FINL INC	COM	14057J101	113	10,409	SH	DFND	1 4	10,409	0	0

CAPRI HOLDINGS LIMITED	SHS	G1890L107	25,093	488,283	SH	DFND	1 3 4	488,283	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	724	14,098	SH	DFND	1 4	14,098	0	0
CARA THERAPEUTICS INC	COM	140755109	4,447	365,982	SH	DFND	1 3 4	365,982	0	0
CARDIFF ONCOLOGY INC	COM	14147L108	136	54,691	SH	DFND	1 3 4	54,691	0	0
CARDINAL HEALTH INC	COM	14149Y108	17,913	315,922	SH	DFND	1 3 4	315,922	0	0
CARDINAL HEALTH INC	COM	14149Y108	1,555	27,429	SH	DFND	1 4	27,429	0	0
CARDIOVASCULAR SYS INC DEL	COM	141619106	6,152	272,229	SH	DFND	1 3 4	272,229	0	0
CARDLYTICS INC	COM	14161W105	323	5,876	SH	DFND	1 4	5,876	0	0
CAREDX INC	COM	14167L103	221	5,968	SH	DFND	1 3 4	5,968	0	0
CAREDX INC	COM	14167L103	340	9,187	SH	DFND	1 4	9,187	0	0
CARETRUST REIT INC	COM	14174T107	14,286	740,185	SH	DFND	1 3 4	740,185	0	0
CARGURUS INC	COM CL A	141788109	3,907	92,021	SH	DFND	1 3 4	92,021	0	0
CARGURUS INC	COM CL A	141788109	736	17,337	SH	DFND	1 4	17,337	0	0
CARLISLE COS INC	COM	142339100	42,475	172,719	SH	DFND	1 3 4	172,719	0	0
CARLISLE COS INC	COM	142339100	1,236	5,027	SH	DFND	1 4	5,027	0	0
CARLYLE GROUP INC	COM	14316J108	1,068	21,829	SH	DFND	1 3 4	21,829	0	0
CARLYLE GROUP INC	COM	14316J108	771	15,766	SH	DFND	1 4	15,766	0	0
CARMAX INC	COM	143130102	956,881	9,917,921	SH	DFND	1 3 4	9,917,921	0	0
CARMAX INC	COM	143130102	1,536	15,917	SH	DFND	1 4	15,917	0	0
CARNIVAL CORP	COMMON STOCK	143658300	18,162	898,216	SH	DFND	1 3 4	898,216	0	0
CARNIVAL CORP	COMMON STOCK	143658300	1,696	83,866	SH	DFND	1 4	83,866	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	13,366	318,399	SH	DFND	1 3 4	318,399	0	0
CARRIAGE SVCS INC	COM	143905107	589	11,037	SH	DFND	1 3 4	11,037	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	44,634	973,054	SH	DFND	1 3 4	973,054	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	3,852	83,967	SH	DFND	1 4	83,967	0	0
CARS COM INC	COM	14575E105	6,188	428,817	SH	DFND	1 3 4	428,817	0	0
CARTERS INC	COM	146229109	12,907	140,311	SH	DFND	1 3 4	140,311	0	0
CARTERS INC	COM	146229109	374	4,067	SH	DFND	1 4	4,067	0	0
CARVANA CO	CL A	146869102	438	3,669	SH	DFND	1 3 4	3,669	0	0
CARVANA CO	CL A	146869102	921	7,718	SH	DFND	1 4	7,718	0	0
CASA SYS INC	COM	14713L102	116	25,629	SH	DFND	1 3 4	25,629	0	0
CASELLA WASTE SYS INC	CL A	147448104	1,628	18,574	SH	DFND	1 3 4	18,574	0	0
CASELLA WASTE SYS INC	CL A	147448104	749	8,546	SH	DFND	1 4	8,546	0	0
CASEYS GEN STORES INC	COM	147528103	24,293	122,585	SH	DFND	1 3 4	122,585	0	0
CASEYS GEN STORES INC	COM	147528103	711	3,586	SH	DFND	1 4	3,586	0	0
CASS INFORMATION SYS INC	COM	14808P109	213	5,773	SH	DFND	1 3 4	5,773	0	0
CASSAVA SCIENCES INC	COM	14817C107	3,506	94,410	SH	DFND	1 3 4	94,410	0	0
CASSAVA SCIENCES INC	COM	14817C107	258	6,948	SH	DFND	1 4	6,948	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	7,961	177,450	SH	DFND	1 3 4	177,450	0	0
CATALENT INC	COM	148806102	22,574	203,550	SH	DFND	1 3 4	203,550	0	0
CATALENT INC	COM	148806102	1,841	16,601	SH	DFND	1 4	16,601	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	653	78,804	SH	DFND	1 3 4	78,804	0	0
CATERPILLAR INC	COM	149123101	222,840	1,000,091	SH	DFND	1 3 4	1,000,091	0	0
CATERPILLAR INC	COM	149123101	7,554	33,903	SH	DFND	1 4	33,903	0	0
CATHAY GEN BANCORP	COM	149150104	258	5,774	SH	DFND	1 4	5,774	0	0
CATHAY GEN BANCORP	COM	149150104	60,156	1,344,251	SH	DFND	1 3 4	1,344,251	0	0
CATO CORP NEW	CL A	149205106	1,944	132,628	SH	DFND	1 3 4	132,628	0	0

CAVCO INDS INC DEL	COM	149568107	13,552	56,267	SH	DFND	1 3 4	56,267	0	0
CAVCO INDS INC DEL	COM	149568107	337	1,400	SH	DFND	1 4	1,400	0	0
CAZOO GROUP LTD	COM	G2007L105	1,214	440,000	SH	DFND	1 3 4	440,000	0	0
CAZOO GROUP LTD	*W EXP 08/26/202	G2007L113	76	200,000	SH	DFND	1 3 4	200,000	0	0
CBIZ INC	COM	124805102	1,191	28,385	SH	DFND	1 3 4	28,385	0	0
CBL & ASSOC PPTYS INC	COMMON STOCK	124830878	5,827	177,168	SH	DFND	1 3 4	177,168	0	0
CBOE GLOBAL MKTS INC	COM	12503M108	14,852	129,805	SH	DFND	1 3 4	129,805	0	0
CBOE GLOBAL MKTS INC	COM	12503M108	1,182	10,329	SH	DFND	1 4	10,329	0	0
CBRE GROUP INC	CL A	12504L109	2,909	31,782	SH	DFND	2 3 4	31,782	0	0
CBRE GROUP INC	CL A	12504L109	501,674	5,481,577	SH	DFND	1 3 4	5,481,577	0	0
CBRE GROUP INC	CL A	12504L109	2,978	32,539	SH	DFND	1 4	32,539	0	0
CDK GLOBAL INC	COM	12508E101	18,780	385,789	SH	DFND	1 3 4	385,789	0	0
CDK GLOBAL INC	COM	12508E101	577	11,860	SH	DFND	1 4	11,860	0	0
CDW CORP	COM	12514G108	39,282	219,585	SH	DFND	1 3 4	219,585	0	0
CDW CORP	COM	12514G108	2,397	13,398	SH	DFND	1 4	13,398	0	0
CELANESE CORP DEL	COM	150870103	19,004	133,013	SH	DFND	1 3 4	133,013	0	0
CELANESE CORP DEL	COM	150870103	1,533	10,733	SH	DFND	1 4	10,733	0	0
CELLDEX THERAPEUTICS INC NEW	COM NEW	15117B202	1,195	35,086	SH	DFND	1 3 4	35,086	0	0
CELLDEX THERAPEUTICS INC NEW	COM NEW	15117B202	252	7,403	SH	DFND	1 4	7,403	0	0
CELLECTIS S A	SPON ADS	15117K103	5,515	1,214,725	SH	DFND	1 3 4	1,214,725	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	13,912	252,120	SH	DFND	1 3 4	252,120	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	540	9,794	SH	DFND	1 4	9,794	0	0
CENOVUS ENERGY INC	COM	15135U109	73,133	4,383,265	SH	DFND	1 3 4	4,383,265	0	0
CENTENE CORP DEL	COM	15135B101	59,915	711,664	SH	DFND	1 3 4	711,664	0	0
CENTENE CORP DEL	COM	15135B101	1,310	15,560	SH	DFND	1 4	15,560	0	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	137	16,945	SH	DFND	1 4	16,945	0	0
CENTERPOINT ENERGY INC	COM	15189T107	23,042	752,024	SH	DFND	1 3 4	752,024	0	0
CENTERPOINT ENERGY INC	COM	15189T107	1,767	57,680	SH	DFND	1 4	57,680	0	0
CENTERSPACE	COM	15202L107	9,723	99,094	SH	DFND	1 3 4	99,094	0	0
CENTRAL GARDEN & PET CO	COM	153527106	2,836	64,521	SH	DFND	1 3 4	64,521	0	0
CENTRAL GARDEN & PET CO	CL A NON- VTG	153527205	39,675	972,886	SH	DFND	1 3 4	972,886	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	5,116	183,367	SH	DFND	1 3 4	183,367	0	0
CENTURY ALUM CO	COM	156431108	8,765	333,162	SH	DFND	1 3 4	333,162	0	0
CENTURY CMNTYS INC	COM	156504300	11,891	221,978	SH	DFND	1 3 4	221,978	0	0
CENTURY CMNTYS INC	COM	156504300	236	4,403	SH	DFND	1 4	4,403	0	0
CERENCE INC	COM	156727109	10,876	301,288	SH	DFND	1 3 4	301,288	0	0
CERENCE INC	COM	156727109	258	7,136	SH	DFND	1 4	7,136	0	0
CEREVEL THERAPEUTICS HLDNG I	COM	15678U128	261	7,450	SH	DFND	1 4	7,450	0	0
CEREVEL THERAPEUTICS HLDNG I	COM	15678U128	588	16,784	SH	DFND	1 3 4	16,784	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	10,816	158,218	SH	DFND	1 3 4	158,218	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	866	12,673	SH	DFND	1 4	12,673	0	0
CERNER CORP	COM	156782104	31,390	335,502	SH	DFND	1 3 4	335,502	0	0
CERNER CORP	COM	156782104	2,658	28,409	SH	DFND	1 4	28,409	0	0
CERTARA INC	COM	15687V109	380	17,702	SH	DFND	1 3 4	17,702	0	0
CERTARA INC	COM	15687V109	231	10,731	SH	DFND	1 4	10,731	0	0

CERUS CORP	COM	157085101	107	19,450	SH	DFND	1 3 4	19,450	0	0
CERUS CORP	COM	157085101	169	30,794	SH	DFND	1 4	30,794	0	0
CEVA INC	COM	157210105	6,160	151,544	SH	DFND	1 3 4	151,544	0	0
CF INDS HLDGS INC	COM	125269100	2,146	20,826	SH	DFND	1 4	20,826	0	0
CF INDS HLDGS INC	COM	125269100	40,731	395,217	SH	DFND	1 3 4	395,217	0	0
CGI INC	CL A SUB VTG	12532H104	489	6,138	SH	DFND	1 3 4	6,138	0	0
CHAMPIONX CORPORATION	COM	15872M104	79,524	3,248,543	SH	DFND	1 3 4	3,248,543	0	0
CHAMPIONX CORPORATION	COM	15872M104	489	19,983	SH	DFND	1 4	19,983	0	0
CHANGE HEALTHCARE INC	COM	15912K100	528	24,207	SH	DFND	1 4	24,207	0	0
CHANNELADVISOR CORP	COM	159179100	277	16,701	SH	DFND	1 3 4	16,701	0	0
CHARGEPOINT HOLDINGS INC	COM CL A	15961R105	438	22,033	SH	DFND	1 4	22,033	0	0
CHARLES RIV LABS INTL INC	COM	159864107	16,555	58,300	SH	DFND	1 3 4	58,300	0	0
CHARLES RIV LABS INTL INC	COM	159864107	1,398	4,924	SH	DFND	1 4	4,924	0	0
CHART INDS INC	COM	16115Q308	883	5,143	SH	DFND	1 4	5,143	0	0
CHART INDS INC	COM	16115Q308	87,017	506,592	SH	DFND	1 3 4	506,592	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	337,890	619,391	SH	DFND	1 3 4	619,391	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	4,344	7,963	SH	DFND	1 4	7,963	0	0
CHATHAM LODGING TR	COM	16208T102	4,447	322,447	SH	DFND	1 3 4	322,447	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	1,508	10,909	SH	DFND	1 3 4	10,909	0	0
CHEESECAKE FACTORY INC	COM	163072101	12,734	320,036	SH	DFND	1 3 4	320,036	0	0
CHEESECAKE FACTORY INC	COM	163072101	333	8,368	SH	DFND	1 4	8,368	0	0
CHEFS WHSE INC	COM	163086101	7,006	214,910	SH	DFND	1 3 4	214,910	0	0
CHEGG INC	COM	163092109	500	13,773	SH	DFND	1 4	13,773	0	0
CHEMED CORP NEW	COM	16359R103	27,119	53,537	SH	DFND	1 3 4	53,537	0	0
CHEMED CORP NEW	COM	16359R103	761	1,503	SH	DFND	1 4	1,503	0	0
CHEMOCENTRYX INC	COM	16383L106	7,643	304,866	SH	DFND	1 3 4	304,866	0	0
CHEMOURS CO	COM	163851108	19,519	620,056	SH	DFND	1 3 4	620,056	0	0
CHEMOURS CO	COM	163851108	511	16,228	SH	DFND	1 4	16,228	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	810	5,843	SH	DFND	1 3 4	5,843	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	3,212	23,164	SH	DFND	1 4	23,164	0	0
CHESAPEAKE ENERGY CORP	COM	165167735	781	8,980	SH	DFND	1 4	8,980	0	0
CHESAPEAKE UTILS CORP	COM	165303108	16,691	121,158	SH	DFND	1 3 4	121,158	0	0
CHEVRON CORP NEW	COM	166764100	646,703	3,971,648	SH	DFND	1 3 4	3,971,648	0	0
CHEVRON CORP NEW	COM	166764100	8,508	52,248	SH	DFND	1 4	52,248	0	0
CHICOS FAS INC	COM	168615102	3,885	809,365	SH	DFND	1 3 4	809,365	0	0
CHICOS FAS INC	COM	168615102	59	12,292	SH	DFND	1 4	12,292	0	0
CHILDRENS PL INC NEW	COM	168905107	4,441	90,086	SH	DFND	1 3 4	90,086	0	0
CHIMERA INVT CORP	COM NEW	16934Q208	226	18,781	SH	DFND	1 4	18,781	0	0
CHIMERIX INC	COM	16934W106	52	11,297	SH	DFND	1 4	11,297	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	81,454	51,487	SH	DFND	1 3 4	51,487	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	4,398	2,780	SH	DFND	1 4	2,780	0	0
CHOICE HOTELS INTL INC	COM	169905106	15,374	108,450	SH	DFND	1 3 4	108,450	0	0
CHOICE HOTELS INTL INC	COM	169905106	487	3,436	SH	DFND	1 4	3,436	0	0
CHOICE HOTELS INTL INC	COM	169905106	6,331	44,664	SH	DFND	2 3 4	44,664	0	0

CHUBB LIMITED	COM	H1467J104	331,015	1,547,520	SH	DFND	1 3 4	1,547,520	0	0
CHUBB LIMITED	COM	H1467J104	2,474	11,566	SH	DFND	1 4	11,566	0	0
CHURCH & DWIGHT CO INC	COM	171340102	56,058	564,079	SH	DFND	1 3 4	564,079	0	0
CHURCH & DWIGHT CO INC	COM	171340102	2,351	23,659	SH	DFND	1 4	23,659	0	0
CHURCHILL DOWNS INC	COM	171484108	33,401	150,605	SH	DFND	1 3 4	150,605	0	0
CHURCHILL DOWNS INC	COM	171484108	806	3,633	SH	DFND	1 4	3,633	0	0
CHUYS HLDGS INC	COM	171604101	3,531	130,771	SH	DFND	1 3 4	130,771	0	0
CI&T INC	COM CL A	G21307106	1,325	82,700	SH	DFND	1 3 4	82,700	0	0
CIENA CORP	COM NEW	171779309	31,021	511,644	SH	DFND	1 3 4	511,644	0	0
CIENA CORP	COM NEW	171779309	908	14,983	SH	DFND	1 4	14,983	0	0
CIGNA CORP NEW	COM	125523100	92,027	384,069	SH	DFND	1 3 4	384,069	0	0
CIGNA CORP NEW	COM	125523100	2,104	8,779	SH	DFND	1 4	8,779	0	0
CIMPRESS PLC	SHS EURO	G2143T103	205	3,220	SH	DFND	1 4	3,220	0	0
CINCINNATI FINL CORP	COM	172062101	26,287	193,340	SH	DFND	1 3 4	193,340	0	0
CINCINNATI FINL CORP	COM	172062101	1,979	14,554	SH	DFND	1 4	14,554	0	0
CINEMARK HLDGS INC	COM	17243V102	12,136	702,296	SH	DFND	1 3 4	702,296	0	0
CINEMARK HLDGS INC	COM	17243V102	307	17,761	SH	DFND	1 4	17,761	0	0
CINTAS CORP	COM	172908105	3,666	8,619	SH	DFND	1 4	8,619	0	0
CINTAS CORP	COM	172908105	57,411	134,959	SH	DFND	1 3 4	134,959	0	0
CIRCOR INTL INC	COM	17273K109	3,557	133,628	SH	DFND	1 3 4	133,628	0	0
CIRRUS LOGIC INC	COM	172755100	473	5,579	SH	DFND	1 4	5,579	0	0
CIRRUS LOGIC INC	COM	172755100	16,045	189,228	SH	DFND	1 3 4	189,228	0	0
CISCO SYS INC	COM	17275R102	303,612	5,444,970	SH	DFND	1 3 4	5,444,970	0	0
CISCO SYS INC	COM	17275R102	6,364	114,132	SH	DFND	1 4	114,132	0	0
CITI TRENDS INC	COM	17306X102	321	10,486	SH	DFND	1 3 4	10,486	0	0
CITIGROUP INC	COM NEW	172967424	123,013	2,303,605	SH	DFND	1 3 4	2,303,605	0	0
CITIGROUP INC	COM NEW	172967424	2,858	53,527	SH	DFND	1 4	53,527	0	0
CITIUS PHARMACEUTICALS INC	COM NEW	17322U207	30	16,538	SH	DFND	1 3 4	16,538	0	0
CITIZENS FINL GROUP INC	COM	174610105	23,574	520,050	SH	DFND	1 3 4	520,050	0	0
CITIZENS FINL GROUP INC	COM	174610105	1,888	41,649	SH	DFND	1 4	41,649	0	0
CITRIX SYS INC	COM	177376100	1,221	12,105	SH	DFND	1 4	12,105	0	0
CITRIX SYS INC	COM	177376100	14,280	141,522	SH	DFND	1 3 4	141,522	0	0
CITY HLDG CO	COM	177835105	8,911	113,227	SH	DFND	1 3 4	113,227	0	0
CIVITAS RESOURCES INC	COM NEW	17888H103	31,109	520,997	SH	DFND	1 3 4	520,997	0	0
CIVITAS RESOURCES INC	COM NEW	17888H103	247	4,139	SH	DFND	1 4	4,139	0	0
CLARIVATE PLC	ORD SHS	G21810109	758	45,211	SH	DFND	1 4	45,211	0	0
CLARUS CORP NEW	COM	18270P109	350	15,353	SH	DFND	1 3 4	15,353	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	99	12,423	SH	DFND	1 4	12,423	0	0
CLEAN HARBORS INC	COM	184496107	18,461	165,365	SH	DFND	1 3 4	165,365	0	0
CLEAN HARBORS INC	COM	184496107	553	4,951	SH	DFND	1 4	4,951	0	0
CLEAR CHANNEL OUTDOOR HLDGS	COM	18453H106	112	32,253	SH	DFND	1 4	32,253	0	0
CLEAR SECURE INC	COM CL A	18467V109	9,287	345,489	SH	DFND	1 3 4	345,489	0	0
CLEARFIELD INC	COM	18482P103	418	6,410	SH	DFND	1 3 4	6,410	0	0
CLEARSIDE BIOMEDICAL INC	COM	185063104	104	45,373	SH	DFND	1 3 4	45,373	0	0
CLEARWATER PAPER CORP	COM	18538R103	3,086	110,086	SH	DFND	1 3 4	110,086	0	0
CLEARWAY ENERGY INC	CL C	18539C204	316	8,652	SH	DFND	1 4	8,652	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	75,830	2,354,225	SH	DFND	1 3 4	2,354,225	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	1,404	43,578	SH	DFND	1 4	43,578	0	0
CLOROX CO DEL	COM	189054109	20,667	148,650	SH	DFND	1 3 4	148,650	0	0

CLOROX CO DEL	COM	189054109	1,682	12,097	SH	DFND	1 4	12,097	0	0
CLOUDFLARE INC	CL A COM	18915M107	1,031	8,616	SH	DFND	1 3 4	8,616	0	0
CLOUDFLARE INC	CL A COM	18915M107	3,099	25,891	SH	DFND	1 4	25,891	0	0
CLOVER HEALTH INVESTMENTS CO	COM CL A	18914F103	95	26,725	SH	DFND	1 3 4	26,725	0	0
CLOVIS ONCOLOGY INC	COM	189464100	572	283,041	SH	DFND	1 3 4	283,041	0	0
CLOVIS ONCOLOGY INC	COM	189464100	42	20,650	SH	DFND	1 4	20,650	0	0
CMC MATERIALS INC	COM	12571T100	17,503	94,404	SH	DFND	1 3 4	94,404	0	0
CMC MATERIALS INC	COM	12571T100	956	5,156	SH	DFND	1 4	5,156	0	0
CME GROUP INC	COM	12572Q105	97,320	409,148	SH	DFND	1 3 4	409,148	0	0
CME GROUP INC	COM	12572Q105	2,302	9,679	SH	DFND	1 4	9,679	0	0
CMS ENERGY CORP	COM	125896100	30,218	432,063	SH	DFND	1 3 4	432,063	0	0
CMS ENERGY CORP	COM	125896100	1,964	28,079	SH	DFND	1 4	28,079	0	0
CNH INDL N V	SHS	N20944109	7,367	464,509	SH	DFND	1 3 4	464,509	0	0
CNO FINL GROUP INC	COM	12621E103	51,527	2,053,716	SH	DFND	1 3 4	2,053,716	0	0
CNO FINL GROUP INC	COM	12621E103	239	9,538	SH	DFND	1 4	9,538	0	0
CNX RES CORP	COM	12653C108	13,860	668,914	SH	DFND	1 3 4	668,914	0	0
CNX RES CORP	COM	12653C108	331	15,966	SH	DFND	1 4	15,966	0	0
COCA COLA CO	COM	191216100	13,523	218,118	SH	DFND	1 4	218,118	0	0
COCA COLA CO	COM	191216100	567,373	9,151,177	SH	DFND	1 3 4	9,151,177	0	0
COCA COLA CONS INC	COM	191098102	16,113	32,431	SH	DFND	1 3 4	32,431	0	0
COCA COLA CONS INC	COM	191098102	424	854	SH	DFND	1 4	854	0	0
COCA-COLA EUROPACIFIC PARTNE	SHS	G25839104	926	19,040	SH	DFND	1 3 4	19,040	0	0
CODEXIS INC	COM	192005106	227	11,020	SH	DFND	1 4	11,020	0	0
CO-DIAGNOSTICS INC	COM	189763105	307	49,652	SH	DFND	1 3 4	49,652	0	0
COEUR MNG INC	COM NEW	192108504	172	38,579	SH	DFND	1 4	38,579	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	18,591	280,193	SH	DFND	1 3 4	280,193	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	514	7,745	SH	DFND	1 4	7,745	0	0
COGNEX CORP	COM	192422103	151,407	1,962,500	SH	DFND	1 3 4	1,962,500	0	0
COGNEX CORP	COM	192422103	1,304	16,899	SH	DFND	1 4	16,899	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	1,271	14,169	SH	DFND	1 4	14,169	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	56,974	635,371	SH	DFND	1 3 4	635,371	0	0
COHEN & STEERS INC	COM	19247A100	388	4,517	SH	DFND	1 4	4,517	0	0
COHERENT INC	COM	192479103	22,370	81,835	SH	DFND	1 3 4	81,835	0	0
COHERENT INC	COM	192479103	659	2,412	SH	DFND	1 4	2,412	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	6,184	479,026	SH	DFND	1 3 4	479,026	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	154	11,920	SH	DFND	1 4	11,920	0	0
COHU INC	COM	192576106	9,512	321,364	SH	DFND	1 3 4	321,364	0	0
COHU INC	COM	192576106	240	8,124	SH	DFND	1 4	8,124	0	0
COLFAX CORP	COM	194014106	100,194	2,518,086	SH	DFND	1 3 4	2,518,086	0	0
COLFAX CORP	COM	194014106	538	13,513	SH	DFND	1 4	13,513	0	0
COLGATE PALMOLIVE CO	COM	194162103	78,965	1,041,339	SH	DFND	1 3 4	1,041,339	0	0
COLGATE PALMOLIVE CO	COM	194162103	3,088	40,725	SH	DFND	1 4	40,725	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	28,860	1,417,513	SH	DFND	1 3 4	1,417,513	0	0
COLUMBIA BKG SYS INC	COM	197236102	16,564	513,298	SH	DFND	1 3 4	513,298	0	0
COLUMBIA BKG SYS INC	COM	197236102	201	6,241	SH	DFND	1 4	6,241	0	0
COLUMBIA FINL INC	COM	197641103	940	43,715	SH	DFND	1 3 4	43,715	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	10,387	114,740	SH	DFND	1 3 4	114,740	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	352	3,892	SH	DFND	1 4	3,892	0	0

COMCAST CORP NEW	CL A	20030N101	497,407	10,623,800	SH	DFND	1 3 4	10,623,800	0	0
COMCAST CORP NEW	CL A	20030N101	5,690	121,532	SH	DFND	1 4	121,532	0	0
COMERICA INC	COM	200340107	14,797	163,626	SH	DFND	1 3 4	163,626	0	0
COMERICA INC	COM	200340107	1,152	12,741	SH	DFND	1 4	12,741	0	0
COMFORT SYS USA INC	COM	199908104	42,735	480,105	SH	DFND	1 3 4	480,105	0	0
COMFORT SYS USA INC	COM	199908104	576	6,475	SH	DFND	1 4	6,475	0	0
COMMERCE BANCSHARES INC	COM	200525103	26,713	373,141	SH	DFND	1 3 4	373,141	0	0
COMMERCE BANCSHARES INC	COM	200525103	770	10,756	SH	DFND	1 4	10,756	0	0
COMMERCIAL METALS CO	COM	201723103	62,419	1,499,730	SH	DFND	1 3 4	1,499,730	0	0
COMMERCIAL METALS CO	COM	201723103	397	9,535	SH	DFND	1 4	9,535	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	2,103	266,937	SH	DFND	1 3 4	266,937	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	161	20,403	SH	DFND	1 4	20,403	0	0
COMMUNITY BK SYS INC	COM	203607106	24,956	355,746	SH	DFND	1 3 4	355,746	0	0
COMMUNITY BK SYS INC	COM	203607106	299	4,267	SH	DFND	1 4	4,267	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	10,826	912,046	SH	DFND	1 3 4	912,046	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	250	21,090	SH	DFND	1 4	21,090	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	6,551	155,193	SH	DFND	1 3 4	155,193	0	0
COMMUNITY TR BANCORP INC	COM	204149108	560	13,601	SH	DFND	1 3 4	13,601	0	0
COMMVault SYS INC	COM	204166102	12,365	186,353	SH	DFND	1 3 4	186,353	0	0
COMMVault SYS INC	COM	204166102	536	8,085	SH	DFND	1 4	8,085	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	2,886	293,633	SH	DFND	1 3 4	293,633	0	0
COMPASS MINERALS INTL INC	COM	20451N101	14,109	224,705	SH	DFND	1 3 4	224,705	0	0
COMPASS MINERALS INTL INC	COM	20451N101	390	6,212	SH	DFND	1 4	6,212	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	3,699	107,386	SH	DFND	1 3 4	107,386	0	0
COMSTOCK RES INC	COM	205768302	1,967	150,692	SH	DFND	1 3 4	150,692	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	2,958	188,516	SH	DFND	1 3 4	188,516	0	0
CONAGRA BRANDS INC	COM	205887102	18,381	547,534	SH	DFND	1 3 4	547,534	0	0
CONAGRA BRANDS INC	COM	205887102	1,530	45,588	SH	DFND	1 4	45,588	0	0
CONCENTRIX CORP	COM	20602D101	79,532	477,492	SH	DFND	1 3 4	477,492	0	0
CONCENTRIX CORP	COM	20602D101	680	4,082	SH	DFND	1 4	4,082	0	0
CONDUENT INC	COM	206787103	69	13,419	SH	DFND	1 4	13,419	0	0
CONMED CORP	COM	207410101	107,614	724,427	SH	DFND	1 3 4	724,427	0	0
CONMED CORP	COM	207410101	783	5,273	SH	DFND	1 4	5,273	0	0
CONNS INC	COM	208242107	1,957	126,969	SH	DFND	1 3 4	126,969	0	0
CONOCOPHILLIPS	COM	20825C104	169,852	1,698,516	SH	DFND	1 3 4	1,698,516	0	0
CONOCOPHILLIPS	COM	20825C104	3,560	35,597	SH	DFND	1 4	35,597	0	0
CONSENSUS CLOUD SOLUTIONS IN	COM	20848V105	6,315	105,030	SH	DFND	1 3 4	105,030	0	0
CONSOL ENERGY INC NEW	COM	20854L108	8,728	231,940	SH	DFND	1 3 4	231,940	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	3,010	510,217	SH	DFND	1 3 4	510,217	0	0
CONSOLIDATED EDISON INC	COM	209115104	38,176	403,211	SH	DFND	1 3 4	403,211	0	0
CONSOLIDATED EDISON INC	COM	209115104	3,258	34,415	SH	DFND	1 4	34,415	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	43,306	188,027	SH	DFND	1 3 4	188,027	0	0

CONSTELLATION BRANDS INC	CL A	21036P108	969	4,209	SH	DFND	1 4	4,209	0	0
CONSTELLATION ENERGY CORP	COM	21037T109	49,318	876,766	SH	DFND	1 3 4	876,766	0	0
CONSTELLATION ENERGY CORP	COM	21037T109	492	8,753	SH	DFND	1 4	8,753	0	0
CONSTELLIUM SE	CL A SHS	F21107101	37,682	2,093,444	SH	DFND	1 3 4	2,093,444	0	0
CONTINENTAL RES INC	COM	212015101	398	6,488	SH	DFND	1 4	6,488	0	0
CONVEY HEALTH SOLUTIONS HLDG	COM	21258C108	80	12,238	SH	DFND	1 3 4	12,238	0	0
COOPER COS INC	COM NEW	216648402	58,184	139,334	SH	DFND	1 3 4	139,334	0	0
COOPER COS INC	COM NEW	216648402	1,963	4,701	SH	DFND	1 4	4,701	0	0
COPA HOLDINGS SA	CL A	P31076105	70,010	837,043	SH	DFND	1 3 4	837,043	0	0
COPA HOLDINGS SA	CL A	P31076105	256	3,061	SH	DFND	1 4	3,061	0	0
COPART INC	COM	217204106	1,191,406	9,495,539	SH	DFND	1 3 4	9,495,539	0	0
COPART INC	COM	217204106	2,594	20,671	SH	DFND	1 4	20,671	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	357	15,873	SH	DFND	1 4	15,873	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	14,170	629,201	SH	DFND	1 3 4	629,201	0	0
CORE & MAIN INC	CL A	21874C102	35,449	1,465,456	SH	DFND	1 3 4	1,465,456	0	0
CORE LABORATORIES NV	COM	N22717107	11,450	361,986	SH	DFND	1 3 4	361,986	0	0
CORECIVIC INC	COM	21871N101	8,869	794,038	SH	DFND	1 3 4	794,038	0	0
CORNERSTONE BLDG BRANDS INC	COM	21925D109	244	10,025	SH	DFND	1 4	10,025	0	0
CORNING INC	COM	219350105	33,399	904,864	SH	DFND	1 3 4	904,864	0	0
CORNING INC	COM	219350105	2,745	74,376	SH	DFND	1 4	74,376	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	14,520	508,744	SH	DFND	1 3 4	508,744	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	257	9,003	SH	DFND	1 4	9,003	0	0
CORSAIR GAMING INC	COM	22041X102	4,614	218,038	SH	DFND	1 3 4	218,038	0	0
CORTEVA INC	COM	22052L104	282,263	4,910,632	SH	DFND	1 3 4	4,910,632	0	0
CORTEVA INC	COM	22052L104	4,080	70,975	SH	DFND	1 4	70,975	0	0
CORVEL CORP	COM	221006109	11,059	65,658	SH	DFND	1 3 4	65,658	0	0
CORVEL CORP	COM	221006109	266	1,579	SH	DFND	1 4	1,579	0	0
COSTAR GROUP INC	COM	22160N109	2,571	38,593	SH	DFND	1 4	38,593	0	0
COSTAR GROUP INC	COM	22160N109	1,245,856	18,703,743	SH	DFND	1 3 4	18,703,743	0	0
COSTCO WHSL CORP NEW	COM	22160K105	749,526	1,301,598	SH	DFND	1 3 4	1,301,598	0	0
COSTCO WHSL CORP NEW	COM	22160K105	16,709	29,016	SH	DFND	1 4	29,016	0	0
COTERRA ENERGY INC	COM	127097103	107,224	3,975,638	SH	DFND	1 3 4	3,975,638	0	0
COTERRA ENERGY INC	COM	127097103	2,102	77,925	SH	DFND	1 4	77,925	0	0
COTY INC	COM CL A	222070203	10,213	1,136,044	SH	DFND	1 3 4	1,136,044	0	0
COTY INC	COM CL A	222070203	303	33,650	SH	DFND	1 4	33,650	0	0
COUPA SOFTWARE INC	COM	22266L106	738	7,266	SH	DFND	1 4	7,266	0	0
COUSINS PPTYS INC	COM NEW	222795502	350,427	8,697,610	SH	DFND	2 3 4	8,697,610	0	0
COUSINS PPTYS INC	COM NEW	222795502	581	14,432	SH	DFND	1 4	14,432	0	0
COUSINS PPTYS INC	COM NEW	222795502	124,445	3,088,714	SH	DFND	1 3 4	3,088,714	0	0
COVETRUS INC	COM	22304C100	11,445	681,651	SH	DFND	1 3 4	681,651	0	0
COWEN INC	CL A NEW	223622606	2,152	79,403	SH	DFND	1 3 4	79,403	0	0
CRA INTL INC	COM	12618T105	300	3,561	SH	DFND	1 3 4	3,561	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	9,226	77,702	SH	DFND	1 3 4	77,702	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	511	4,308	SH	DFND	1 4	4,308	0	0
CRANE CO	COM	224399105	65,986	609,407	SH	DFND	1 3 4	609,407	0	0
CRANE CO	COM	224399105	519	4,797	SH	DFND	1 4	4,797	0	0
CREDIT ACCEP CORP MICH	COM	225310101	172,338	313,133	SH	DFND	1 3 4	313,133	0	0
CREDIT ACCEP CORP MICH	COM	225310101	433	787	SH	DFND	1 4	787	0	0



CREDO TECHNOLOGY GROUP HOLDI	ORDINARY SHARES	G25457105	19,383	1,272,715	SH	DFND	1 3 4	1,272,715	0	0
CRESCENT PT ENERGY CORP	COM	22576C101	35,306	4,867,400	SH	DFND	1 3 4	4,867,400	0	0
CRISPR THERAPEUTICS AG	NAMEN AKT	H17182108	553	8,815	SH	DFND	1 3 4	8,815	0	0
CRITEO S A	SPONS ADS	226718104	24,120	885,445	SH	DFND	1 3 4	885,445	0	0
CROCS INC	COM	227046109	27,173	355,667	SH	DFND	1 3 4	355,667	0	0
CROCS INC	COM	227046109	809	10,583	SH	DFND	1 4	10,583	0	0
CROSS CTRY HEALTHCARE INC	COM	227483104	5,057	233,377	SH	DFND	1 3 4	233,377	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	18,216	80,220	SH	DFND	1 3 4	80,220	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	4,485	19,752	SH	DFND	1 4	19,752	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	91,063	493,297	SH	DFND	1 3 4	493,297	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	5,433	29,429	SH	DFND	1 4	29,429	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	98,530	533,749	SH	DFND	2 3 4	533,749	0	0
CROWN HLDGS INC	COM	228368106	1,511	12,078	SH	DFND	1 4	12,078	0	0
CROWN HLDGS INC	COM	228368106	2,072	16,564	SH	DFND	1 3 4	16,564	0	0
CRYOPORT INC	COM PAR \$0.001	229050307	257	7,365	SH	DFND	1 4	7,365	0	0
CSG SYS INTL INC	COM	126349109	15,513	244,024	SH	DFND	1 3 4	244,024	0	0
CSG SYS INTL INC	COM	126349109	260	4,089	SH	DFND	1 4	4,089	0	0
CSW INDUSTRIALS INC	COM	126402106	320	2,720	SH	DFND	1 4	2,720	0	0
CSX CORP	COM	126408103	94,411	2,520,996	SH	DFND	1 3 4	2,520,996	0	0
CSX CORP	COM	126408103	2,233	59,628	SH	DFND	1 4	59,628	0	0
CTO RLTY GROWTH INC NEW	COM	22948Q101	330	4,970	SH	DFND	1 3 4	4,970	0	0
CTS CORP	COM	126501105	8,259	233,698	SH	DFND	1 3 4	233,698	0	0
CUBESMART	COM	229663109	9,730	187,000	SH	DFND	1 3 4	187,000	0	0
CUBESMART	COM	229663109	1,096	21,068	SH	DFND	1 4	21,068	0	0
CUBESMART	COM	229663109	518,939	9,973,829	SH	DFND	2 3 4	9,973,829	0	0
CULLEN FROST BANKERS INC	COM	229899109	78,926	570,233	SH	DFND	1 3 4	570,233	0	0
CULLEN FROST BANKERS INC	COM	229899109	765	5,530	SH	DFND	1 4	5,530	0	0
CUMMINS INC	COM	231021106	2,861	13,950	SH	DFND	1 4	13,950	0	0
CUMMINS INC	COM	231021106	33,279	162,251	SH	DFND	1 3 4	162,251	0	0
CURIS INC	COM NEW	231269200	233	97,892	SH	DFND	1 3 4	97,892	0	0
CURIS INC	COM NEW	231269200	35	14,695	SH	DFND	1 4	14,695	0	0
CURTISS WRIGHT CORP	COM	231561101	19,905	132,557	SH	DFND	1 3 4	132,557	0	0
CURTISS WRIGHT CORP	COM	231561101	570	3,798	SH	DFND	1 4	3,798	0	0
CUSHMAN WAKEFIELD PLC	SHS	G2717B108	517	25,196	SH	DFND	1 4	25,196	0	0
CUSTOMERS BANCORP INC	COM	23204G100	11,951	229,218	SH	DFND	1 3 4	229,218	0	0
CUTERA INC	COM	232109108	8,929	129,402	SH	DFND	1 3 4	129,402	0	0
CUTERA INC	COM	232109108	222	3,221	SH	DFND	1 4	3,221	0	0
CVB FINL CORP	COM	126600105	252	10,875	SH	DFND	1 4	10,875	0	0
CVB FINL CORP	COM	126600105	23,805	1,025,622	SH	DFND	1 3 4	1,025,622	0	0
CVS HEALTH CORP	COM	126650100	3,594	35,509	SH	DFND	1 4	35,509	0	0
CVS HEALTH CORP	COM	126650100	179,336	1,771,919	SH	DFND	1 3 4	1,771,919	0	0
CYBERARK SOFTWARE LTD	SHS	M2682V108	33,182	196,634	SH	DFND	1 3 4	196,634	0	0
CYTEK BIOSCIENCES INC	COM	23285D109	171	15,890	SH	DFND	1 4	15,890	0	0
CYTOKINETICS INC	COM NEW	23282W605	23,718	644,347	SH	DFND	1 3 4	644,347	0	0
CYTOKINETICS INC	COM NEW	23282W605	508	13,801	SH	DFND	1 4	13,801	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	29	10,811	SH	DFND	1 4	10,811	0	0
D R HORTON INC	COM	23331A109	34,884	468,180	SH	DFND	1 3 4	468,180	0	0

D R HORTON INC	COM	23331A109	2,408	32,324	SH	DFND	1 4	32,324	0	0
D R HORTON INC	COM	23331A109	236,911	3,179,582	SH	DFND	2 3 4	3,179,582	0	0
DADA NEXUS LTD	ADS	23344D108	16,704	1,829,606	SH	DFND	1 3 4	1,829,606	0	0
DANA INC	COM	235825205	9,382	533,993	SH	DFND	1 3 4	533,993	0	0
DANA INC	COM	235825205	344	19,568	SH	DFND	1 4	19,568	0	0
DANAHER CORPORATION	COM	235851102	5,418	18,471	SH	DFND	1 4	18,471	0	0
DANAHER CORPORATION	COM	235851102	702,325	2,394,318	SH	DFND	1 3 4	2,394,318	0	0
DANIMER SCIENTIFIC INC	COM CL A	236272100	97	16,581	SH	DFND	1 4	16,581	0	0
DAQO NEW ENERGY CORP	SPNSRD ADS NEW	23703Q203	22,829	552,496	SH	DFND	1 3 4	552,496	0	0
DARDEN RESTAURANTS INC	COM	237194105	19,748	148,540	SH	DFND	1 3 4	148,540	0	0
DARDEN RESTAURANTS INC	COM	237194105	1,666	12,528	SH	DFND	1 4	12,528	0	0
DARLING INGREDIENTS INC	COM	237266101	125,477	1,561,045	SH	DFND	1 3 4	1,561,045	0	0
DARLING INGREDIENTS INC	COM	237266101	1,276	15,873	SH	DFND	1 4	15,873	0	0
DASEKE INC	COM	23753F107	344	34,180	SH	DFND	1 3 4	34,180	0	0
DATADOG INC	CL A COM	23804L103	3,811	25,157	SH	DFND	1 4	25,157	0	0
DATADOG INC	CL A COM	23804L103	10,609	70,037	SH	DFND	1 3 4	70,037	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	271	5,513	SH	DFND	1 4	5,513	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	12,547	255,530	SH	DFND	1 3 4	255,530	0	0
DAVITA INC	COM	23918K108	7,991	70,648	SH	DFND	1 3 4	70,648	0	0
DAVITA INC	COM	23918K108	714	6,311	SH	DFND	1 4	6,311	0	0
DECKERS OUTDOOR CORP	COM	243537107	46,865	171,184	SH	DFND	1 3 4	171,184	0	0
DECKERS OUTDOOR CORP	COM	243537107	729	2,662	SH	DFND	1 4	2,662	0	0
DEERE & CO	COM	244199105	495,166	1,191,852	SH	DFND	1 3 4	1,191,852	0	0
DEERE & CO	COM	244199105	7,916	19,053	SH	DFND	1 4	19,053	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	354	7,060	SH	DFND	1 3 4	7,060	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	646	12,870	SH	DFND	1 4	12,870	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	2,501	63,209	SH	DFND	1 4	63,209	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	28,279	714,645	SH	DFND	1 3 4	714,645	0	0
DELUXE CORP	COM	248019101	9,233	305,313	SH	DFND	1 3 4	305,313	0	0
DENALI THERAPEUTICS INC	COM	24823R105	531	16,520	SH	DFND	1 4	16,520	0	0
DENALI THERAPEUTICS INC	COM	24823R105	8,122	252,484	SH	DFND	1 3 4	252,484	0	0
DENBURY INC	COM	24790A101	720	9,163	SH	DFND	1 4	9,163	0	0
DENTSPLY SIRONA INC	COM	24906P109	42,248	858,348	SH	DFND	1 3 4	858,348	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,039	21,113	SH	DFND	1 4	21,113	0	0
DESCARTES SYS GROUP INC	COM	249906108	41,939	572,320	SH	DFND	1 3 4	572,320	0	0
DESIGN THERAPEUTICS INC	COM	25056L103	8,784	543,912	SH	DFND	1 3 4	543,912	0	0
DESIGNER BRANDS INC	CL A	250565108	5,497	406,886	SH	DFND	1 3 4	406,886	0	0
DESIGNER BRANDS INC	CL A	250565108	149	11,008	SH	DFND	1 4	11,008	0	0
DESKTOP METAL INC	COM CL A	25058X105	131	27,552	SH	DFND	1 4	27,552	0	0
DEVON ENERGY CORP NEW	COM	25179M103	46,143	780,369	SH	DFND	1 3 4	780,369	0	0
DEVON ENERGY CORP NEW	COM	25179M103	3,873	65,508	SH	DFND	1 4	65,508	0	0
DEXCOM INC	COM	252131107	82,282	160,833	SH	DFND	1 3 4	160,833	0	0
DEXCOM INC	COM	252131107	4,877	9,533	SH	DFND	1 4	9,533	0	0
DHT HOLDINGS INC	SHS NEW	Y2065G121	66	11,356	SH	DFND	1 4	11,356	0	0

DIAMOND HILL INVT GROUP INC	COM NEW	25264R207	479	2,560	SH	DFND	1 3 4	2,560	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	84,475	616,244	SH	DFND	1 3 4	616,244	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	2,424	17,686	SH	DFND	1 4	17,686	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	17,111	1,694,128	SH	DFND	1 3 4	1,694,128	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	168	16,606	SH	DFND	1 4	16,606	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	88,424	8,754,855	SH	DFND	2 3 4	8,754,855	0	0
DICKS SPORTING GOODS INC	COM	253393102	591	5,907	SH	DFND	1 4	5,907	0	0
DICKS SPORTING GOODS INC	COM	253393102	27,064	270,584	SH	DFND	1 3 4	270,584	0	0
DIEBOLD NIXDORF INC	COM STK	253651103	3,235	480,679	SH	DFND	1 3 4	480,679	0	0
DIEBOLD NIXDORF INC	COM STK	253651103	89	13,176	SH	DFND	1 4	13,176	0	0
DIGI INTL INC	COM	253798102	4,979	231,361	SH	DFND	1 3 4	231,361	0	0
DIGITAL RLTY TR INC	COM	253868103	238,259	1,680,243	SH	DFND	1 3 4	1,680,243	0	0
DIGITAL RLTY TR INC	COM	253868103	1,070	7,547	SH	DFND	1 4	7,547	0	0
DIGITAL RLTY TR INC	COM	253868103	93,175	657,083	SH	DFND	2 3 4	657,083	0	0
DIGITAL TURBINE INC	COM NEW	25400W102	12,769	291,474	SH	DFND	1 3 4	291,474	0	0
DIGITAL TURBINE INC	COM NEW	25400W102	722	16,489	SH	DFND	1 4	16,489	0	0
DIGITALBRIDGE GROUP INC	CL A COM	25401T108	278	38,679	SH	DFND	1 4	38,679	0	0
DIGITALOCEAN HLDGS INC	COM	25402D102	39,626	684,981	SH	DFND	1 3 4	684,981	0	0
DIGITALOCEAN HLDGS INC	COM	25402D102	516	8,923	SH	DFND	1 4	8,923	0	0
DILLARDS INC	CL A	254067101	4,261	15,876	SH	DFND	1 3 4	15,876	0	0
DIME CMNTY BANCSHARES INC	COM	25432X102	7,475	216,227	SH	DFND	1 3 4	216,227	0	0
DINE BRANDS GLOBAL INC	COM	254423106	8,853	113,571	SH	DFND	1 3 4	113,571	0	0
DINE BRANDS GLOBAL INC	COM	254423106	233	2,985	SH	DFND	1 4	2,985	0	0
DIODES INC	COM	254543101	28,203	324,206	SH	DFND	1 3 4	324,206	0	0
DIODES INC	COM	254543101	601	6,912	SH	DFND	1 4	6,912	0	0
DISCOVER FINL SVCS	COM	254709108	185,303	1,681,671	SH	DFND	1 3 4	1,681,671	0	0
DISCOVER FINL SVCS	COM	254709108	3,116	28,279	SH	DFND	1 4	28,279	0	0
DISCOVERY INC	COM SER A	25470F104	4,794	192,382	SH	DFND	1 3 4	192,382	0	0
DISCOVERY INC	COM SER A	25470F104	400	16,043	SH	DFND	1 4	16,043	0	0
DISCOVERY INC	COM SER C	25470F302	8,613	344,926	SH	DFND	1 3 4	344,926	0	0
DISCOVERY INC	COM SER C	25470F302	764	30,591	SH	DFND	1 4	30,591	0	0
DISH NETWORK CORPORATION	CL A	25470M109	8,966	283,295	SH	DFND	1 3 4	283,295	0	0
DISH NETWORK CORPORATION	CL A	25470M109	764	24,138	SH	DFND	1 4	24,138	0	0
DISNEY WALT CO	COM	254687106	7,247	52,839	SH	DFND	1 4	52,839	0	0
DISNEY WALT CO	COM	254687106	360,762	2,630,230	SH	DFND	1 3 4	2,630,230	0	0
DIVERSEY HLDGS LTD	ORD SHS	G28923103	19,848	2,622,011	SH	DFND	1 3 4	2,622,011	0	0
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	5,045	1,576,498	SH	DFND	1 3 4	1,576,498	0	0
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	61	19,015	SH	DFND	1 4	19,015	0	0
DMC GLOBAL INC	COM	23291C103	3,878	127,149	SH	DFND	1 3 4	127,149	0	0
DOCUSIGN INC	COM	256163106	511	4,775	SH	DFND	1 3 4	4,775	0	0
DOCUSIGN INC	COM	256163106	2,043	19,075	SH	DFND	1 4	19,075	0	0
DOLBY LABORATORIES INC	COM CL A	25659T107	488	6,237	SH	DFND	1 4	6,237	0	0
DOLLAR GEN CORP NEW	COM	256677105	429,626	1,929,777	SH	DFND	1 3 4	1,929,777	0	0
DOLLAR GEN CORP NEW	COM	256677105	2,329	10,463	SH	DFND	1 4	10,463	0	0
DOLLAR TREE INC	COM	256746108	62,654	391,221	SH	DFND	1 3 4	391,221	0	0

DOLLAR TREE INC	COM	256746108	3,467	21,651	SH	DFND	1 4	21,651	0	0
DOMINION ENERGY INC	COM	25746U109	78,335	921,918	SH	DFND	1 3 4	921,918	0	0
DOMINION ENERGY INC	COM	25746U109	1,848	21,750	SH	DFND	1 4	21,750	0	0
DOMINOS PIZZA INC	COM	25754A201	540,818	1,328,759	SH	DFND	1 3 4	1,328,759	0	0
DOMINOS PIZZA INC	COM	25754A201	1,458	3,581	SH	DFND	1 4	3,581	0	0
DOMO INC	COM CL B	257554105	261	5,170	SH	DFND	1 4	5,170	0	0
DONALDSON INC	COM	257651109	44,243	851,994	SH	DFND	1 3 4	851,994	0	0
DONALDSON INC	COM	257651109	631	12,148	SH	DFND	1 4	12,148	0	0
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	6,902	207,510	SH	DFND	1 3 4	207,510	0	0
DOORDASH INC	CL A	25809K105	310	2,647	SH	DFND	1 3 4	2,647	0	0
DOORDASH INC	CL A	25809K105	1,693	14,445	SH	DFND	1 4	14,445	0	0
DORIAN LPG LTD	SHS USD	Y2106R110	3,168	218,654	SH	DFND	1 3 4	218,654	0	0
DORMAN PRODS INC	COM	258278100	17,861	187,947	SH	DFND	1 3 4	187,947	0	0
DORMAN PRODS INC	COM	258278100	455	4,793	SH	DFND	1 4	4,793	0	0
DOUBLEVERIFY HLDGS INC	COM	25862V105	9,412	373,913	SH	DFND	1 3 4	373,913	0	0
DOUGLAS ELLIMAN INC	COM	25961D105	3,297	451,621	SH	DFND	1 3 4	451,621	0	0
DOUGLAS EMMETT INC	COM	25960P109	19,374	579,704	SH	DFND	1 3 4	579,704	0	0
DOUGLAS EMMETT INC	COM	25960P109	542	16,206	SH	DFND	1 4	16,206	0	0
DOVER CORP	COM	260003108	39,292	250,428	SH	DFND	1 3 4	250,428	0	0
DOVER CORP	COM	260003108	2,188	13,942	SH	DFND	1 4	13,942	0	0
DOW INC	COM	260557103	60,264	945,755	SH	DFND	1 3 4	945,755	0	0
DOW INC	COM	260557103	1,420	22,283	SH	DFND	1 4	22,283	0	0
DOXIMITY INC	CL A	26622P107	17,459	335,172	SH	DFND	1 3 4	335,172	0	0
DRAFTKINGS INC	COM CL A	26142R104	259	13,277	SH	DFND	1 3 4	13,277	0	0
DRAFTKINGS INC	COM CL A	26142R104	587	30,154	SH	DFND	1 4	30,154	0	0
DRIL-QUIP INC	COM	262037104	8,718	233,420	SH	DFND	1 3 4	233,420	0	0
DROPBOX INC	CL A	26210C104	694	29,856	SH	DFND	1 4	29,856	0	0
DT MIDSTREAM INC	COMMON STOCK	23345M107	18,016	332,040	SH	DFND	1 3 4	332,040	0	0
DT MIDSTREAM INC	COMMON STOCK	23345M107	509	9,375	SH	DFND	1 4	9,375	0	0
DTE ENERGY CO	COM	233331107	29,898	226,143	SH	DFND	1 3 4	226,143	0	0
DTE ENERGY CO	COM	233331107	2,479	18,750	SH	DFND	1 4	18,750	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	1,785	80,700	SH	DFND	1 3 4	80,700	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	98,164	879,130	SH	DFND	1 3 4	879,130	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	2,320	20,777	SH	DFND	1 4	20,777	0	0
DUKE REALTY CORP	COM NEW	264411505	2,146	36,958	SH	DFND	1 4	36,958	0	0
DUKE REALTY CORP	COM NEW	264411505	27,745	477,863	SH	DFND	1 3 4	477,863	0	0
DULUTH HLDGS INC	COM CL B	26443V101	183	14,941	SH	DFND	1 3 4	14,941	0	0
DUN & BRADSTREET HLDGS INC	COM	26484T106	273	15,554	SH	DFND	1 4	15,554	0	0
DUPONT DE NEMOURS INC	COM	26614N102	42,837	582,184	SH	DFND	1 3 4	582,184	0	0
DUPONT DE NEMOURS INC	COM	26614N102	1,020	13,862	SH	DFND	1 4	13,862	0	0
DURECT CORP	COM	266605104	28	41,411	SH	DFND	1 4	41,411	0	0
DXC TECHNOLOGY CO	COM	23355L106	8,912	273,120	SH	DFND	1 3 4	273,120	0	0
DXC TECHNOLOGY CO	COM	23355L106	772	23,674	SH	DFND	1 4	23,674	0	0
DXP ENTERPRISES INC	COM NEW	233377407	3,083	113,791	SH	DFND	1 3 4	113,791	0	0
DYCOM INDS INC	COM	267475101	80,194	841,836	SH	DFND	1 3 4	841,836	0	0
DYCOM INDS INC	COM	267475101	456	4,792	SH	DFND	1 4	4,792	0	0
DYNATRACE INC	COM NEW	268150109	926	19,657	SH	DFND	1 4	19,657	0	0
DYNATRACE INC	COM NEW	268150109	484	10,271	SH	DFND	1 3 4	10,271	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	214	19,738	SH	DFND	1 4	19,738	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	1,328	122,531	SH	DFND	1 3 4	122,531	0	0
E L F BEAUTY INC	COM	26856L103	8,184	316,830	SH	DFND	1 3 4	316,830	0	0

E L F BEAUTY INC	COM	26856L103	228	8,822	SH	DFND	1 4	8,822	0	0
E2OPEN PARENT HOLDINGS INC	COM CL A	29788T103	140	15,847	SH	DFND	1 4	15,847	0	0
EAGLE BANCORP INC MD	COM	268948106	13,375	234,603	SH	DFND	1 3 4	234,603	0	0
EAGLE MATLS INC	COM	26969P108	17,109	133,293	SH	DFND	1 3 4	133,293	0	0
EAGLE MATLS INC	COM	26969P108	486	3,788	SH	DFND	1 4	3,788	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	4,117	83,195	SH	DFND	1 3 4	83,195	0	0
EARGO INC	COM	270087109	854	161,346	SH	DFND	1 3 4	161,346	0	0
EAST WEST BANCORP INC	COM	27579R104	1,086	13,746	SH	DFND	1 4	13,746	0	0
EAST WEST BANCORP INC	COM	27579R104	114,364	1,447,291	SH	DFND	1 3 4	1,447,291	0	0
EASTERLY GOVT PPTYS INC	COM	27616P103	12,034	569,245	SH	DFND	1 3 4	569,245	0	0
EASTERN BANKSHARES INC	COM	27627N105	375	17,416	SH	DFND	1 4	17,416	0	0
EASTGROUP PPTYS INC	COM	277276101	81,909	402,936	SH	DFND	1 3 4	402,936	0	0
EASTGROUP PPTYS INC	COM	277276101	1,492	7,340	SH	DFND	1 4	7,340	0	0
EASTMAN CHEM CO	COM	277432100	16,435	146,662	SH	DFND	1 3 4	146,662	0	0
EASTMAN CHEM CO	COM	277432100	1,463	13,059	SH	DFND	1 4	13,059	0	0
EATON CORP PLC	SHS	G29183103	74,399	490,243	SH	DFND	1 3 4	490,243	0	0
EATON CORP PLC	SHS	G29183103	1,626	10,712	SH	DFND	1 4	10,712	0	0
EBAY INC.	COM	278642103	41,754	729,192	SH	DFND	1 3 4	729,192	0	0
EBAY INC.	COM	278642103	2,442	42,645	SH	DFND	1 4	42,645	0	0
EBIX INC	COM NEW	278715206	5,795	174,820	SH	DFND	1 3 4	174,820	0	0
ECOLAB INC	COM	278865100	50,100	283,754	SH	DFND	1 3 4	283,754	0	0
ECOLAB INC	COM	278865100	2,783	15,765	SH	DFND	1 4	15,765	0	0
ECOPETROL S A	SPONSORED ADS	279158109	5,579	299,972	SH	DFND	1 3 4	299,972	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	14,311	390,278	SH	DFND	1 3 4	390,278	0	0
EDISON INTL	COM	281020107	30,379	433,362	SH	DFND	1 3 4	433,362	0	0
EDISON INTL	COM	281020107	2,540	36,235	SH	DFND	1 4	36,235	0	0
EDITAS MEDICINE INC	COM	28106W103	238	12,521	SH	DFND	1 4	12,521	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	111,291	945,384	SH	DFND	1 3 4	945,384	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	4,968	42,204	SH	DFND	1 4	42,204	0	0
EHEALTH INC	COM	28238P109	1,944	156,660	SH	DFND	1 3 4	156,660	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	1,494	128,557	SH	DFND	1 3 4	128,557	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	1,128	43,243	SH	DFND	1 4	43,243	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	1,692	64,841	SH	DFND	1 3 4	64,841	0	0
ELASTIC N V	ORD SHS	N14506104	649	7,301	SH	DFND	1 4	7,301	0	0
ELECTRONIC ARTS INC	COM	285512109	957	7,563	SH	DFND	1 4	7,563	0	0
ELECTRONIC ARTS INC	COM	285512109	41,059	324,554	SH	DFND	1 3 4	324,554	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	14,544	664,140	SH	DFND	1 3 4	664,140	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	492	22,481	SH	DFND	1 4	22,481	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	6,405	360,819	SH	DFND	1 3 4	360,819	0	0
EMCOR GROUP INC	COM	29084Q100	19,858	176,316	SH	DFND	1 3 4	176,316	0	0
EMCOR GROUP INC	COM	29084Q100	539	4,787	SH	DFND	1 4	4,787	0	0
EMCORE CORP	COM NEW	290846203	104	28,091	SH	DFND	1 3 4	28,091	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	12,976	316,016	SH	DFND	1 3 4	316,016	0	0
EMERSON ELEC CO	COM	291011104	66,566	678,895	SH	DFND	1 3 4	678,895	0	0
EMERSON ELEC CO	COM	291011104	1,574	16,052	SH	DFND	1 4	16,052	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	112	11,454	SH	DFND	1 4	11,454	0	0

EMPLOYERS HLDGS INC	COM	292218104	7,579	184,775	SH	DFND	1 3 4	184,775	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	8,739	122,768	SH	DFND	1 3 4	122,768	0	0
ENBRIDGE INC	COM	29250N105	2,532	54,957	SH	DFND	1 3 4	54,957	0	0
ENBRIDGE INC	COM	29250N105	888	19,261	SH	DFND	1 5	19,261	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	23,907	336,191	SH	DFND	1 3 4	336,191	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	694	9,763	SH	DFND	1 4	9,763	0	0
ENCORE CAP GROUP INC	COM	292554102	51,133	815,135	SH	DFND	1 3 4	815,135	0	0
ENCORE WIRE CORP	COM	292562105	16,789	147,185	SH	DFND	1 3 4	147,185	0	0
ENDEAVOR GROUP HLDGS INC	CL A COM	29260Y109	6,951	235,472	SH	DFND	1 3 4	235,472	0	0
ENDO INTL PLC	SHS	G30401106	4,211	1,822,728	SH	DFND	1 3 4	1,822,728	0	0
ENDO INTL PLC	SHS	G30401106	42	18,283	SH	DFND	1 4	18,283	0	0
ENEL CHILE S.A.	SPONSORED ADR	29278D105	304	192,143	SH	DFND	1 3 4	192,143	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	46,681	1,517,557	SH	DFND	1 3 4	1,517,557	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	373	12,121	SH	DFND	1 4	12,121	0	0
ENERGY FUELS INC	COM NEW	292671708	238	26,042	SH	DFND	1 4	26,042	0	0
ENERGY RECOVERY INC	COM	29270J100	1,215	60,343	SH	DFND	1 3 4	60,343	0	0
ENERPAC TOOL GROUP CORP	CL A COM	292765104	8,718	398,264	SH	DFND	1 3 4	398,264	0	0
ENERPAC TOOL GROUP CORP	CL A COM	292765104	242	11,064	SH	DFND	1 4	11,064	0	0
ENERSYS	COM	29275Y102	54,922	736,514	SH	DFND	1 3 4	736,514	0	0
ENERSYS	COM	29275Y102	280	3,753	SH	DFND	1 4	3,753	0	0
ENFUSION INC	CL A	292812104	8,900	699,676	SH	DFND	1 3 4	699,676	0	0
ENOVA INTL INC	COM	29357K103	9,954	262,159	SH	DFND	1 3 4	262,159	0	0
ENPHASE ENERGY INC	COM	29355A107	2,603	12,900	SH	DFND	1 4	12,900	0	0
ENPHASE ENERGY INC	COM	29355A107	84,875	420,632	SH	DFND	1 3 4	420,632	0	0
ENPRO INDS INC	COM	29355X107	39,314	402,278	SH	DFND	1 3 4	402,278	0	0
ENSIGN GROUP INC	COM	29358P101	33,733	374,770	SH	DFND	1 3 4	374,770	0	0
ENSIGN GROUP INC	COM	29358P101	859	9,543	SH	DFND	1 4	9,543	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	3,126	11,972	SH	DFND	1 3 4	11,972	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	257	986	SH	DFND	1 4	986	0	0
ENTEGRIS INC	COM	29362U104	73,055	556,572	SH	DFND	1 3 4	556,572	0	0
ENTEGRIS INC	COM	29362U104	1,746	13,305	SH	DFND	1 4	13,305	0	0
ENTERGY CORP NEW	COM	29364G103	28,457	243,742	SH	DFND	1 3 4	243,742	0	0
ENTERGY CORP NEW	COM	29364G103	2,274	19,474	SH	DFND	1 4	19,474	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	1,324	27,996	SH	DFND	1 3 4	27,996	0	0
ENTERPRISE PRODS PARTNERS L	COM	293792107	193,515	7,497,663	SH	DFND	1 3 4	7,497,663	0	0
ENTRAVISION COMMUNICATIONS C	CL A	29382R107	193	30,056	SH	DFND	1 3 4	30,056	0	0
ENVESTNET INC	COM	29404K106	13,437	180,511	SH	DFND	1 3 4	180,511	0	0
ENVESTNET INC	COM	29404K106	708	9,516	SH	DFND	1 4	9,516	0	0
ENVISTA HOLDINGS CORPORATION	COM	29415F104	63,485	1,303,311	SH	DFND	1 3 4	1,303,311	0	0
ENVISTA HOLDINGS CORPORATION	COM	29415F104	762	15,636	SH	DFND	1 4	15,636	0	0
ENVIVA INC	COM	29415B103	695	8,780	SH	DFND	1 3 4	8,780	0	0
EOG RES INC	COM	26875P101	386,450	3,241,210	SH	DFND	1 3 4	3,241,210	0	0
EOG RES INC	COM	26875P101	2,211	18,542	SH	DFND	1 4	18,542	0	0
EPAM SYS INC	COM	29414B104	19,155	64,580	SH	DFND	1 3 4	64,580	0	0
EPAM SYS INC	COM	29414B104	1,578	5,319	SH	DFND	1 4	5,319	0	0
EPIZYME INC	COM	29428V104	13	11,586	SH	DFND	1 3 4	11,586	0	0
EPIZYME INC	COM	29428V104	30	26,020	SH	DFND	1 4	26,020	0	0

EPLUS INC	COM	294268107	10,725	191,307	SH	DFND	1 3 4	191,307	0	0
EPR PPTYS	COM SH BEN INT	26884U109	397	7,249	SH	DFND	1 4	7,249	0	0
EPR PPTYS	COM SH BEN INT	26884U109	13,519	247,111	SH	DFND	1 3 4	247,111	0	0
EQT CORP	COM	26884L109	34,194	993,733	SH	DFND	1 3 4	993,733	0	0
EQT CORP	COM	26884L109	1,018	29,593	SH	DFND	1 4	29,593	0	0
EQUIFAX INC	COM	294429105	33,113	139,659	SH	DFND	1 3 4	139,659	0	0
EQUIFAX INC	COM	294429105	2,808	11,843	SH	DFND	1 4	11,843	0	0
EQUINIX INC	COM	29444U700	101,204	136,462	SH	DFND	1 3 4	136,462	0	0
EQUINIX INC	COM	29444U700	3,718	5,014	SH	DFND	1 4	5,014	0	0
EQUINIX INC	COM	29444U700	1,046,357	1,410,906	SH	DFND	2 3 4	1,410,906	0	0
EQUITABLE HLDGS INC	COM	29452E101	824	26,644	SH	DFND	1 3 4	26,644	0	0
EQUITABLE HLDGS INC	COM	29452E101	1,052	34,041	SH	DFND	1 4	34,041	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	14,352	1,700,493	SH	DFND	1 3 4	1,700,493	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	275	32,600	SH	DFND	1 4	32,600	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	244	8,638	SH	DFND	1 4	8,638	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	17,681	231,183	SH	DFND	1 3 4	231,183	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	1,314	17,181	SH	DFND	1 4	17,181	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	350,369	4,581,177	SH	DFND	2 3 4	4,581,177	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	35,089	390,229	SH	DFND	1 3 4	390,229	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	3,220	35,811	SH	DFND	1 4	35,811	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	458	5,091	SH	DFND	2 3 4	5,091	0	0
ERIE INDTY CO	CL A	29530P102	444	2,520	SH	DFND	1 4	2,520	0	0
ESCO TECHNOLOGIES INC	COM	296315104	11,997	171,587	SH	DFND	1 3 4	171,587	0	0
ESPERION THERAPEUTICS INC NE	COM	29664W105	49	10,487	SH	DFND	1 4	10,487	0	0
ESSENT GROUP LTD	COM	G3198U102	15,033	364,802	SH	DFND	1 3 4	364,802	0	0
ESSENT GROUP LTD	COM	G3198U102	354	8,602	SH	DFND	1 4	8,602	0	0
ESSENTIAL PTYS RLTY TR INC	COM	29670E107	23,054	911,236	SH	DFND	1 3 4	911,236	0	0
ESSENTIAL PTYS RLTY TR INC	COM	29670E107	244	9,653	SH	DFND	1 4	9,653	0	0
ESSENTIAL PTYS RLTY TR INC	COM	29670E107	1,569	62,003	SH	DFND	2 3 4	62,003	0	0
ESSENTIAL UTILS INC	COM	29670G102	64,172	1,255,073	SH	DFND	1 3 4	1,255,073	0	0
ESSENTIAL UTILS INC	COM	29670G102	1,146	22,412	SH	DFND	1 4	22,412	0	0
ESSEX PPTY TR INC	COM	297178105	45,516	131,747	SH	DFND	1 3 4	131,747	0	0
ESSEX PPTY TR INC	COM	297178105	2,175	6,296	SH	DFND	1 4	6,296	0	0
ESSEX PPTY TR INC	COM	297178105	958,239	2,773,648	SH	DFND	2 3 4	2,773,648	0	0
ETHAN ALLEN INTERIORS INC	COM	297602104	4,285	164,365	SH	DFND	1 3 4	164,365	0	0
ETSY INC	COM	29786A106	1,556	12,519	SH	DFND	1 4	12,519	0	0
ETSY INC	COM	29786A106	303,223	2,439,835	SH	DFND	1 3 4	2,439,835	0	0
EURONET WORLDWIDE INC	COM	298736109	22,725	174,605	SH	DFND	1 3 4	174,605	0	0
EURONET WORLDWIDE INC	COM	298736109	647	4,975	SH	DFND	1 4	4,975	0	0
EVENTBRITE INC	COM CL A	29975E109	30,429	2,060,191	SH	DFND	1 3 4	2,060,191	0	0
EVENTBRITE INC	COM CL A	29975E109	206	13,947	SH	DFND	1 4	13,947	0	0
EVERCORE INC	CLASS A	29977A105	16,267	146,128	SH	DFND	1 3 4	146,128	0	0
EVERCORE INC	CLASS A	29977A105	417	3,742	SH	DFND	1 4	3,742	0	0
EVEREST RE GROUP LTD	COM	G3223R108	14,525	48,194	SH	DFND	1 3 4	48,194	0	0
EVEREST RE GROUP LTD	COM	G3223R108	1,159	3,845	SH	DFND	1 4	3,845	0	0
EVERGY INC	COM	30034W106	18,913	276,755	SH	DFND	1 3 4	276,755	0	0
EVERGY INC	COM	30034W106	1,519	22,223	SH	DFND	1 4	22,223	0	0

EVERI HLDGS INC	COM	30034T103	1,501	71,480	SH	DFND	1 3 4	71,480	0	0
EVERI HLDGS INC	COM	30034T103	326	15,517	SH	DFND	1 4	15,517	0	0
EVERSOURCE ENERGY	COM	30040W108	155,183	1,759,651	SH	DFND	1 3 4	1,759,651	0	0
EVERSOURCE ENERGY	COM	30040W108	2,942	33,355	SH	DFND	1 4	33,355	0	0
EVERTEC INC	COM	30040P103	18,069	441,471	SH	DFND	1 3 4	441,471	0	0
EVERTEC INC	COM	30040P103	450	10,999	SH	DFND	1 4	10,999	0	0
EVO PMTS INC	CL A COM	26927E104	200	8,674	SH	DFND	1 4	8,674	0	0
EVOLENT HEALTH INC	CL A	30050B101	19,989	618,856	SH	DFND	1 3 4	618,856	0	0
EVOLENT HEALTH INC	CL A	30050B101	259	8,008	SH	DFND	1 4	8,008	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	7,403	157,570	SH	DFND	1 3 4	157,570	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	987	21,017	SH	DFND	1 4	21,017	0	0
EXACT SCIENCES CORP	COM	30063P105	1,767	25,275	SH	DFND	1 3 4	25,275	0	0
EXACT SCIENCES CORP	COM	30063P105	1,184	16,935	SH	DFND	1 4	16,935	0	0
EXELIXIS INC	COM	30161Q104	692	30,513	SH	DFND	1 4	30,513	0	0
EXELIXIS INC	COM	30161Q104	23,695	1,045,192	SH	DFND	1 3 4	1,045,192	0	0
EXELON CORP	COM	30161N101	53,137	1,115,629	SH	DFND	1 3 4	1,115,629	0	0
EXELON CORP	COM	30161N101	1,251	26,262	SH	DFND	1 4	26,262	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	64,028	446,907	SH	DFND	1 3 4	446,907	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	854	5,964	SH	DFND	1 4	5,964	0	0
EXP WORLD HLDGS INC	COM	30212W100	241	11,399	SH	DFND	1 4	11,399	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	33,712	172,290	SH	DFND	1 3 4	172,290	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	2,799	14,307	SH	DFND	1 4	14,307	0	0
EXPEDITORS INTL WASH INC	COM	302130109	174,884	1,695,277	SH	DFND	1 3 4	1,695,277	0	0
EXPEDITORS INTL WASH INC	COM	302130109	1,708	16,552	SH	DFND	1 4	16,552	0	0
EXPONENT INC	COM	30214U102	37,176	344,064	SH	DFND	1 3 4	344,064	0	0
EXPONENT INC	COM	30214U102	1,019	9,432	SH	DFND	1 4	9,432	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	66,593	323,894	SH	DFND	1 3 4	323,894	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	910,263	4,427,346	SH	DFND	2 3 4	4,427,346	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	2,630	12,794	SH	DFND	1 4	12,794	0	0
EXTREME NETWORKS INC	COM	30226D106	11,392	933,019	SH	DFND	1 3 4	933,019	0	0
EXTREME NETWORKS INC	COM	30226D106	282	23,064	SH	DFND	1 4	23,064	0	0
EXXON MOBIL CORP	COM	30231G102	430,387	5,211,131	SH	DFND	1 3 4	5,211,131	0	0
EXXON MOBIL CORP	COM	30231G102	9,446	114,373	SH	DFND	1 4	114,373	0	0
EZCORP INC	CL A NON VTG	302301106	2,138	353,965	SH	DFND	1 3 4	353,965	0	0
F N B CORP	COM	302520101	13,974	1,122,426	SH	DFND	1 3 4	1,122,426	0	0
F N B CORP	COM	302520101	408	32,803	SH	DFND	1 4	32,803	0	0
F5 INC	COM	315616102	14,421	69,017	SH	DFND	1 3 4	69,017	0	0
F5 INC	COM	315616102	1,218	5,831	SH	DFND	1 4	5,831	0	0
FABRINET	SHS	G3323L100	25,677	244,239	SH	DFND	1 3 4	244,239	0	0
FABRINET	SHS	G3323L100	651	6,194	SH	DFND	1 4	6,194	0	0
FACTSET RESH SYS INC	COM	303075105	1,621	3,734	SH	DFND	1 4	3,734	0	0
FACTSET RESH SYS INC	COM	303075105	21,330	49,131	SH	DFND	1 3 4	49,131	0	0
FAIR ISAAC CORP	COM	303250104	91,345	195,827	SH	DFND	1 3 4	195,827	0	0
FAIR ISAAC CORP	COM	303250104	1,177	2,524	SH	DFND	1 4	2,524	0	0
FALCON MINERALS CORP	CL A COM	30607B109	295	43,798	SH	DFND	1 3 4	43,798	0	0
FARO TECHNOLOGIES INC	COM	311642102	6,235	120,081	SH	DFND	1 3 4	120,081	0	0
FASTENAL CO	COM	311900104	539,564	9,083,570	SH	DFND	1 3 4	9,083,570	0	0
FASTENAL CO	COM	311900104	3,365	56,645	SH	DFND	1 4	56,645	0	0
FASTLY INC	CL A	31188V100	178	10,268	SH	DFND	1 4	10,268	0	0
FATE THERAPEUTICS	COM	31189P102	571	14,737	SH	DFND	1 4	14,737	0	0



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FATE THERAPEUTICS INC	COM	31189P102	428	11,031	SH	DFND	1 3 4	11,031	0	0
FB FINL CORP	COM	30257X104	11,608	261,315	SH	DFND	1 3 4	261,315	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	29,129	268,522	SH	DFND	1 3 4	268,522	0	0
FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	313745101	9,711	79,550	SH	DFND	1 3 4	79,550	0	0
FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	313745101	921	7,548	SH	DFND	1 4	7,548	0	0
FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	313745101	48,692	398,886	SH	DFND	2 3 4	398,886	0	0
FEDERAL SIGNAL CORP	COM	313855108	14,524	430,339	SH	DFND	1 3 4	430,339	0	0
FEDERAL SIGNAL CORP	COM	313855108	369	10,943	SH	DFND	1 4	10,943	0	0
FEDERATED HERMES INC	CL B	314211103	14,476	425,016	SH	DFND	1 3 4	425,016	0	0
FEDERATED HERMES INC	CL B	314211103	253	7,420	SH	DFND	1 4	7,420	0	0
FEDEX CORP	COM	31428X106	68,951	297,988	SH	DFND	1 3 4	297,988	0	0
FEDEX CORP	COM	31428X106	2,543	10,989	SH	DFND	1 4	10,989	0	0
FERRO CORP	COM	315405100	11,881	546,511	SH	DFND	1 3 4	546,511	0	0
FERRO CORP	COM	315405100	294	13,525	SH	DFND	1 4	13,525	0	0
FIBROGEN INC	COM	31572Q808	180	14,998	SH	DFND	1 4	14,998	0	0
FIBROGEN INC	COM	31572Q808	126	10,497	SH	DFND	1 3 4	10,497	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	387,090	7,925,679	SH	DFND	1 3 4	7,925,679	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	1,295	26,505	SH	DFND	1 4	26,505	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	184,772	1,839,989	SH	DFND	1 3 4	1,839,989	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	1,648	16,412	SH	DFND	1 4	16,412	0	0
FIESTA RESTAURANT GROUP INC	COM	31660B101	845	113,025	SH	DFND	1 3 4	113,025	0	0
FIFTH THIRD BANCORP	COM	316773100	33,623	781,196	SH	DFND	1 3 4	781,196	0	0
FIFTH THIRD BANCORP	COM	316773100	2,852	66,267	SH	DFND	1 4	66,267	0	0
FIRST ADVANTAGE CORP NEW	COM	31846B108	4,799	237,700	SH	DFND	1 3 4	237,700	0	0
FIRST AMERN FINL CORP	COM	31847R102	26,035	401,647	SH	DFND	1 3 4	401,647	0	0
FIRST AMERN FINL CORP	COM	31847R102	667	10,294	SH	DFND	1 4	10,294	0	0
FIRST BANCORP N C	COM	318910106	9,542	228,434	SH	DFND	1 3 4	228,434	0	0
FIRST BANCORP P R	COM NEW	318672706	17,484	1,332,593	SH	DFND	1 3 4	1,332,593	0	0
FIRST BANCORP P R	COM NEW	318672706	207	15,795	SH	DFND	1 4	15,795	0	0
FIRST BANCSHARES INC MS	COM	318916103	571	16,953	SH	DFND	1 3 4	16,953	0	0
FIRST BUSEY CORP	COM NEW	319383204	810	31,950	SH	DFND	1 3 4	31,950	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	9,443	622,875	SH	DFND	1 3 4	622,875	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	595	894	SH	DFND	1 3 4	894	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	787	1,182	SH	DFND	1 4	1,182	0	0
FIRST FINL BANCORP OH	COM	320209109	16,170	701,508	SH	DFND	1 3 4	701,508	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	1,001	22,684	SH	DFND	1 4	22,684	0	0
FIRST FINL BANKSHARES INC	COM	32020R109	18,696	423,757	SH	DFND	1 3 4	423,757	0	0
FIRST FINL CORP IND	COM	320218100	579	13,383	SH	DFND	1 3 4	13,383	0	0
FIRST FNDTN INC	COM	32026V104	23,023	947,828	SH	DFND	1 3 4	947,828	0	0
FIRST HAWAIIAN INC	COM	32051X108	23,481	841,903	SH	DFND	1 3 4	841,903	0	0
FIRST HAWAIIAN INC	COM	32051X108	351	12,588	SH	DFND	1 4	12,588	0	0
FIRST HORIZON CORPORATION	COM	320517105	42,369	1,803,684	SH	DFND	1 3 4	1,803,684	0	0

FIRST HORIZON CORPORATION	COM	320517105	1,207	51,403	SH	DFND	1 4	51,403	0	0
FIRST INDL RLTY TR INC	COM	32054K103	108,433	1,751,456	SH	DFND	1 3 4	1,751,456	0	0
FIRST INDL RLTY TR INC	COM	32054K103	772	12,466	SH	DFND	1 4	12,466	0	0
FIRST INDL RLTY TR INC	COM	32054K103	525,300	8,484,911	SH	DFND	2 3 4	8,484,911	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	15,499	421,500	SH	DFND	1 3 4	421,500	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	256	6,957	SH	DFND	1 4	6,957	0	0
FIRST LONG IS CORP	COM	320734106	310	15,944	SH	DFND	1 3 4	15,944	0	0
FIRST MERCHANTS CORP	COM	320817109	34,336	825,399	SH	DFND	1 3 4	825,399	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	2,806	17,309	SH	DFND	1 4	17,309	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	486,882	3,003,591	SH	DFND	1 3 4	3,003,591	0	0
FIRST SOLAR INC	COM	336433107	27,354	326,655	SH	DFND	1 3 4	326,655	0	0
FIRST SOLAR INC	COM	336433107	862	10,296	SH	DFND	1 4	10,296	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	9,350	132,927	SH	DFND	1 3 4	132,927	0	0
FIRSTCASH HOLDINGS INC	COM	33768G107	243	3,459	SH	DFND	1 4	3,459	0	0
FIRSTENERGY CORP	COM	337932107	29,796	649,726	SH	DFND	1 3 4	649,726	0	0
FIRSTENERGY CORP	COM	337932107	2,424	52,851	SH	DFND	1 4	52,851	0	0
FISERV INC	COM	337738108	68,479	675,336	SH	DFND	1 3 4	675,336	0	0
FISERV INC	COM	337738108	1,801	17,765	SH	DFND	1 4	17,765	0	0
FISKER INC	CL A COM STK	33813J106	366	28,338	SH	DFND	1 4	28,338	0	0
FIVE BELOW INC	COM	33829M101	29,310	185,073	SH	DFND	1 3 4	185,073	0	0
FIVE BELOW INC	COM	33829M101	861	5,438	SH	DFND	1 4	5,438	0	0
FIVE9 INC	COM	338307101	730	6,615	SH	DFND	1 4	6,615	0	0
FIVERR INTL LTD	ORD SHS	M4R82T106	206	2,711	SH	DFND	1 3 4	2,711	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	14,896	351,315	SH	DFND	1 3 4	351,315	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	27,760	111,461	SH	DFND	1 3 4	111,461	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	1,936	7,774	SH	DFND	1 4	7,774	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	814	10,053	SH	DFND	1 4	10,053	0	0
FLOWERS FOODS INC	COM	343498101	16,877	656,427	SH	DFND	1 3 4	656,427	0	0
FLOWERS FOODS INC	COM	343498101	469	18,228	SH	DFND	1 4	18,228	0	0
FLOWSERVE CORP	COM	34354P105	15,449	430,328	SH	DFND	1 3 4	430,328	0	0
FLOWSERVE CORP	COM	34354P105	455	12,673	SH	DFND	1 4	12,673	0	0
FLUIDIGM CORP DEL	COM	34385P108	193	53,790	SH	DFND	1 3 4	53,790	0	0
FLUOR CORP NEW	COM	343412102	325	11,320	SH	DFND	1 4	11,320	0	0
FLUOR CORP NEW	COM	343412102	13,402	467,142	SH	DFND	1 3 4	467,142	0	0
FLUSHING FINL CORP	COM	343873105	582	26,039	SH	DFND	1 3 4	26,039	0	0
FLYWIRE CORPORATION	COM VTG	302492103	21,335	697,670	SH	DFND	1 3 4	697,670	0	0
FLYWIRE CORPORATION	COM VTG	302492103	284	9,294	SH	DFND	1 4	9,294	0	0
FMC CORP	COM NEW	302491303	97,790	743,254	SH	DFND	1 3 4	743,254	0	0
FMC CORP	COM NEW	302491303	1,633	12,414	SH	DFND	1 4	12,414	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	59,042	1,290,819	SH	DFND	1 3 4	1,290,819	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	540	11,807	SH	DFND	1 4	11,807	0	0
FOOT LOCKER INC	COM	344849104	8,588	289,545	SH	DFND	1 3 4	289,545	0	0
FOOT LOCKER INC	COM	344849104	253	8,535	SH	DFND	1 4	8,535	0	0
FORD MTR CO DEL	COM	345370860	75,665	4,474,593	SH	DFND	1 3 4	4,474,593	0	0
FORD MTR CO DEL	COM	345370860	1,781	105,303	SH	DFND	1 4	105,303	0	0
FORMFACTOR INC	COM	346375108	552	13,144	SH	DFND	1 4	13,144	0	0
FORMFACTOR INC	COM	346375108	21,692	516,107	SH	DFND	1 3 4	516,107	0	0

FORRESTER RESH INC	COM	346563109	4,154	73,628	SH	DFND	1 3 4	73,628	0	0
FORTINET INC	COM	34959E109	52,822	154,569	SH	DFND	1 3 4	154,569	0	0
FORTINET INC	COM	34959E109	4,526	13,244	SH	DFND	1 4	13,244	0	0
FORTIS INC	COM	349553107	633	12,787	SH	DFND	1 3 4	12,787	0	0
FORTIVE CORP	COM	34959J108	24,851	407,858	SH	DFND	1 3 4	407,858	0	0
FORTIVE CORP	COM	34959J108	1,934	31,745	SH	DFND	1 4	31,745	0	0
FORTRESS BIOTECH INC	COM	34960Q109	18	13,446	SH	DFND	1 4	13,446	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	11,528	155,191	SH	DFND	1 3 4	155,191	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	985	13,261	SH	DFND	1 4	13,261	0	0
FORWARD AIR CORP	COM	349853101	19,178	196,134	SH	DFND	1 3 4	196,134	0	0
FORWARD AIR CORP	COM	349853101	476	4,872	SH	DFND	1 4	4,872	0	0
FOSSIL GROUP INC	COM	34988V106	3,017	313,018	SH	DFND	1 3 4	313,018	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	43,390	1,604,640	SH	DFND	1 3 4	1,604,640	0	0
FOX CORP	CL A COM	35137L105	14,143	358,497	SH	DFND	1 3 4	358,497	0	0
FOX CORP	CL A COM	35137L105	1,194	30,256	SH	DFND	1 4	30,256	0	0
FOX CORP	CL B COM	35137L204	6,131	168,979	SH	DFND	1 3 4	168,979	0	0
FOX CORP	CL B COM	35137L204	528	14,567	SH	DFND	1 4	14,567	0	0
FOX FACTORY HLDG CORP	COM	35138V102	13,623	139,086	SH	DFND	1 3 4	139,086	0	0
FOX FACTORY HLDG CORP	COM	35138V102	751	7,672	SH	DFND	1 4	7,672	0	0
FRANCHISE GROUP INC	COM	35180X105	567	13,682	SH	DFND	1 3 4	13,682	0	0
FRANCO NEV CORP	COM	351858105	211,656	1,327,107	SH	DFND	1 3 4	1,308,107	0	19,000
FRANKLIN BSP RLTY TR INC	COMMON STOCK	35243J101	4,059	290,364	SH	DFND	1 3 4	290,364	0	0
FRANKLIN COVEY CO	COM	353469109	267	5,907	SH	DFND	1 3 4	5,907	0	0
FRANKLIN ELEC INC	COM	353514102	699	8,422	SH	DFND	1 4	8,422	0	0
FRANKLIN ELEC INC	COM	353514102	25,739	309,965	SH	DFND	1 3 4	309,965	0	0
FRANKLIN RESOURCES INC	COM	354613101	8,965	321,088	SH	DFND	1 3 4	321,088	0	0
FRANKLIN RESOURCES INC	COM	354613101	784	28,089	SH	DFND	1 4	28,089	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	3,710	628,857	SH	DFND	1 3 4	628,857	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	88,108	1,771,366	SH	DFND	1 3 4	1,771,366	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	2,836	57,025	SH	DFND	1 4	57,025	0	0
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	5,695	219,801	SH	DFND	1 3 4	219,801	0	0
FRESHPET INC	COM	358039105	414	4,030	SH	DFND	1 4	4,030	0	0
FRESHWORKS INC	CLASS A COM	358054104	6,692	373,446	SH	DFND	1 3 4	373,446	0	0
FRONTDOOR INC	COM	35905A109	257	8,613	SH	DFND	1 4	8,613	0	0
FTI CONSULTING INC	COM	302941109	512	3,259	SH	DFND	1 4	3,259	0	0
FTI CONSULTING INC	COM	302941109	17,808	113,266	SH	DFND	1 3 4	113,266	0	0
FUBOTV INC	COM	35953D104	163	24,771	SH	DFND	1 4	24,771	0	0
FUELCELL ENERGY INC	COM	35952H601	337	58,511	SH	DFND	1 4	58,511	0	0
FULGENT GENETICS INC	COM	359664109	7,988	128,000	SH	DFND	1 3 4	128,000	0	0
FULLER H B CO	COM	359694106	49,322	746,505	SH	DFND	1 3 4	746,505	0	0
FULLER H B CO	COM	359694106	341	5,163	SH	DFND	1 4	5,163	0	0
FULTON FINL CORP PA	COM	360271100	8,856	532,853	SH	DFND	1 3 4	532,853	0	0
FULTON FINL CORP PA	COM	360271100	210	12,621	SH	DFND	1 4	12,621	0	0
FUNKO INC	COM CL A	361008105	984	57,018	SH	DFND	1 3 4	57,018	0	0
FUTUREFUEL CORP	COM	36116M106	1,657	170,321	SH	DFND	1 3 4	170,321	0	0
G III APPAREL GROUP LTD	COM	36237H101	8,409	310,851	SH	DFND	1 3 4	310,851	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	43,146	247,113	SH	DFND	1 3 4	247,113	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	3,477	19,913	SH	DFND	1 4	19,913	0	0
GAMESTOP CORP NEW	CL A	36467W109	34,032	204,297	SH	DFND	1 3 4	204,297	0	0

GAMESTOP CORP NEW	CL A	36467W109	1,054	6,325	SH	DFND	1 4	6,325	0	0
GAMING & LEISURE PPTYS INC	COM	36467J108	1,062	22,637	SH	DFND	1 4	22,637	0	0
GANNETT CO INC	COM	36472T109	4,239	939,877	SH	DFND	1 3 4	939,877	0	0
GANNETT CO INC	COM	36472T109	51	11,270	SH	DFND	1 4	11,270	0	0
GAP INC	COM	364760108	9,900	703,103	SH	DFND	1 3 4	703,103	0	0
GAP INC	COM	364760108	275	19,550	SH	DFND	1 4	19,550	0	0
GARMIN LTD	SHS	H2906T109	23,467	197,848	SH	DFND	1 3 4	197,848	0	0
GARMIN LTD	SHS	H2906T109	1,744	14,704	SH	DFND	1 4	14,704	0	0
GARTNER INC	COM	366651107	2,354	7,913	SH	DFND	1 4	7,913	0	0
GARTNER INC	COM	366651107	344,860	1,159,351	SH	DFND	1 3 4	1,159,351	0	0
GATX CORP	COM	361448103	14,463	117,270	SH	DFND	1 3 4	117,270	0	0
GATX CORP	COM	361448103	346	2,804	SH	DFND	1 4	2,804	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	11,201	356,502	SH	DFND	1 3 4	356,502	0	0
GENERAC HLDGS INC	COM	368736104	21,335	71,771	SH	DFND	1 3 4	71,771	0	0
GENERAC HLDGS INC	COM	368736104	1,801	6,060	SH	DFND	1 4	6,060	0	0
GENERAL DYNAMICS CORP	COM	369550108	68,293	283,162	SH	DFND	1 3 4	283,162	0	0
GENERAL DYNAMICS CORP	COM	369550108	1,616	6,702	SH	DFND	1 4	6,702	0	0
GENERAL ELECTRIC CO	COM NEW	369604301	114,145	1,247,486	SH	DFND	1 3 4	1,247,486	0	0
GENERAL ELECTRIC CO	COM NEW	369604301	2,696	29,461	SH	DFND	1 4	29,461	0	0
GENERAL MLS INC	COM	370334104	46,607	688,230	SH	DFND	1 3 4	688,230	0	0
GENERAL MLS INC	COM	370334104	1,103	16,291	SH	DFND	1 4	16,291	0	0
GENERAL MTRS CO	COM	37045V100	75,942	1,736,204	SH	DFND	1 3 4	1,736,204	0	0
GENERAL MTRS CO	COM	37045V100	1,618	36,997	SH	DFND	1 4	36,997	0	0
GENESCO INC	COM	371532102	6,111	96,071	SH	DFND	1 3 4	96,071	0	0
GENIUS BRANDS INTL INC	COM	37229T301	23	22,407	SH	DFND	1 4	22,407	0	0
GENPACT LIMITED	SHS	G3922B107	25,798	592,929	SH	DFND	1 3 4	592,929	0	0
GENPACT LIMITED	SHS	G3922B107	785	18,044	SH	DFND	1 4	18,044	0	0
GENTEX CORP	COM	371901109	23,245	796,886	SH	DFND	1 3 4	796,886	0	0
GENTEX CORP	COM	371901109	674	23,114	SH	DFND	1 4	23,114	0	0
GENTHERM INC	COM	37253A103	16,716	228,860	SH	DFND	1 3 4	228,860	0	0
GENTHERM INC	COM	37253A103	441	6,040	SH	DFND	1 4	6,040	0	0
GENUINE PARTS CO	COM	372460105	23,540	186,798	SH	DFND	1 3 4	186,798	0	0
GENUINE PARTS CO	COM	372460105	1,707	13,542	SH	DFND	1 4	13,542	0	0
GENWORTH FINL INC	COM CL A	37247D106	12,659	3,348,825	SH	DFND	1 3 4	3,348,825	0	0
GENWORTH FINL INC	COM CL A	37247D106	152	40,251	SH	DFND	1 4	40,251	0	0
GEO GROUP INC NEW	COM	36162J106	6,911	1,045,594	SH	DFND	1 3 4	1,045,594	0	0
GERMAN AMERN BANCORP INC	COM	373865104	313	8,236	SH	DFND	1 3 4	8,236	0	0
GERON CORP	COM	374163103	33	24,028	SH	DFND	1 4	24,028	0	0
GETTY RLTY CORP NEW	COM	374297109	8,348	291,684	SH	DFND	1 3 4	291,684	0	0
GEVO INC	COM PAR	374396406	73	15,633	SH	DFND	1 4	15,633	0	0
GIBRALTAR INDS INC	COM	374689107	9,259	215,571	SH	DFND	1 3 4	215,571	0	0
GILDAN ACTIVEWEAR INC	COM	375916103	114,818	3,058,501	SH	DFND	1 3 4	2,993,101	0	65,400
GILEAD SCIENCES INC	COM	375558103	88,047	1,481,032	SH	DFND	1 3 4	1,481,032	0	0
GILEAD SCIENCES INC	COM	375558103	2,015	33,902	SH	DFND	1 4	33,902	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	509	10,115	SH	DFND	1 4	10,115	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	18,017	358,335	SH	DFND	1 3 4	358,335	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	723	32,831	SH	DFND	1 3 4	32,831	0	0
GLATFELTER CORPORATION	COM	377320106	3,642	294,163	SH	DFND	1 3 4	294,163	0	0
GLAUKOS CORP	COM	377322102	18,197	314,724	SH	DFND	1 3 4	314,724	0	0
GLAUKOS CORP	COM	377322102	478	8,269	SH	DFND	1 4	8,269	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	1,156	33,381	SH	DFND	1 3 4	33,381	0	0

GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	390	11,248	SH	DFND	1 4	11,248	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	10,759	683,963	SH	DFND	1 3 4	683,963	0	0
GLOBAL PMTS INC	COM	37940X102	44,962	328,572	SH	DFND	1 3 4	328,572	0	0
GLOBAL PMTS INC	COM	37940X102	1,045	7,636	SH	DFND	1 4	7,636	0	0
GLOBALFOUNDRIES INC	ORDINARY SHARES	G39387108	320	5,133	SH	DFND	1 4	5,133	0	0
GLOBALSTAR INC	COM	378973408	152	103,433	SH	DFND	1 4	103,433	0	0
GLOBANT S A	COM	L44385109	48,874	186,494	SH	DFND	1 3 4	181,846	0	4,648
GLOBANT S A	COM	L44385109	1,053	4,018	SH	DFND	1 4	4,018	0	0
GLOBE LIFE INC	COM	37959E102	11,933	118,621	SH	DFND	1 3 4	118,621	0	0
GLOBE LIFE INC	COM	37959E102	982	9,760	SH	DFND	1 4	9,760	0	0
GLOBUS MED INC	CL A	379577208	19,262	261,068	SH	DFND	1 3 4	261,068	0	0
GLOBUS MED INC	CL A	379577208	569	7,716	SH	DFND	1 4	7,716	0	0
GMS INC	COM	36251C103	15,468	310,793	SH	DFND	1 3 4	310,793	0	0
GODADDY INC	CL A	380237107	338	4,035	SH	DFND	1 3 4	4,035	0	0
GODADDY INC	CL A	380237107	1,372	16,387	SH	DFND	1 4	16,387	0	0
GOLAR LNG LTD	SHS	G9456A100	200	8,064	SH	DFND	1 4	8,064	0	0
GOLDEN ENTMT INC	COM	381013101	38,224	658,242	SH	DFND	1 3 4	658,242	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	3,189	9,662	SH	DFND	1 4	9,662	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	129,530	392,396	SH	DFND	1 3 4	392,396	0	0
GOLUB CAP BDC INC	COM	38173M102	3,631	238,723	SH	DFND	1 3 4	238,723	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	315	22,031	SH	DFND	1 4	22,031	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	15,936	1,115,186	SH	DFND	1 3 4	1,115,186	0	0
GOPRO INC	CL A	38268T103	201	23,569	SH	DFND	1 4	23,569	0	0
GORMAN RUPP CO	COM	383082104	606	16,880	SH	DFND	1 3 4	16,880	0	0
GRAB HOLDINGS LIMITED	CLASS A ORD	G4124C109	352	100,673	SH	DFND	1 3 4	100,673	0	0
GRACO INC	COM	384109104	40,305	578,095	SH	DFND	1 3 4	578,095	0	0
GRACO INC	COM	384109104	1,149	16,479	SH	DFND	1 4	16,479	0	0
GRAFTECH INTL LTD	COM	384313508	328	34,094	SH	DFND	1 4	34,094	0	0
GRAHAM HLDGS CO	COM CL B	384637104	9,956	16,282	SH	DFND	1 3 4	16,282	0	0
GRAINGER W W INC	COM	384802104	2,349	4,555	SH	DFND	1 4	4,555	0	0
GRAINGER W W INC	COM	384802104	26,175	50,748	SH	DFND	1 3 4	50,748	0	0
GRAND CANYON ED INC	COM	38526M106	374	3,855	SH	DFND	1 4	3,855	0	0
GRAND CANYON ED INC	COM	38526M106	12,711	130,895	SH	DFND	1 3 4	130,895	0	0
GRANITE CONSTR INC	COM	387328107	11,033	336,363	SH	DFND	1 3 4	336,363	0	0
GRANITE PT MTG TR INC	COM STK	38741L107	3,960	356,121	SH	DFND	1 3 4	356,121	0	0
GRANITE REAL ESTATE INVT TR	UNIT 99/99/9999	387437114	47,327	613,341	SH	DFND	1 3 4	613,341	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	34,485	1,720,789	SH	DFND	1 3 4	1,720,789	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	562	28,039	SH	DFND	1 4	28,039	0	0
GRAY TELEVISION INC	COM	389375106	848	38,427	SH	DFND	1 3 4	38,427	0	0
GREEN DOT CORP	CL A	39304D102	9,912	360,711	SH	DFND	1 3 4	360,711	0	0
GREEN PLAINS INC	COM	393222104	10,970	353,745	SH	DFND	1 3 4	353,745	0	0
GREENBRIER COS INC	COM	393657101	11,065	214,811	SH	DFND	1 3 4	214,811	0	0
GREENHILL & CO INC	COM	395259104	1,378	89,095	SH	DFND	1 3 4	89,095	0	0
GREIF INC	CL A	397624107	6,866	105,535	SH	DFND	1 3 4	105,535	0	0
GRIFFON CORP	COM	398433102	6,698	334,392	SH	DFND	1 3 4	334,392	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	9,462	288,637	SH	DFND	1 3 4	288,637	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	278	8,487	SH	DFND	1 4	8,487	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	20,522	122,279	SH	DFND	1 3 4	122,279	0	0

GROUP 1 AUTOMOTIVE INC	COM	398905109	222	1,322	SH	DFND	1 4	1,322	0	0
GROWGENERATION CORP	COM	39986L109	93	10,138	SH	DFND	1 4	10,138	0	0
GUARDANT HEALTH INC	COM	40131M109	774	11,691	SH	DFND	1 3 4	11,691	0	0
GUARDANT HEALTH INC	COM	40131M109	587	8,867	SH	DFND	1 4	8,867	0	0
GUESS INC	COM	401617105	5,624	257,410	SH	DFND	1 3 4	257,410	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	491,026	5,189,458	SH	DFND	1 3 4	5,189,458	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	771	8,149	SH	DFND	1 4	8,149	0	0
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	23,270	326,189	SH	DFND	1 3 4	326,189	0	0
GXO LOGISTICS INCORPORATED	COMMON STOCK	36262G101	682	9,563	SH	DFND	1 4	9,563	0	0
H & E EQUIPMENT SERVICES INC	COM	404030108	254	5,841	SH	DFND	1 4	5,841	0	0
HACKETT GROUP INC	COM	404609109	378	16,377	SH	DFND	1 3 4	16,377	0	0
HAEMONETICS CORP MASS	COM	405024100	11,050	174,779	SH	DFND	1 3 4	174,779	0	0
HAEMONETICS CORP MASS	COM	405024100	476	7,536	SH	DFND	1 4	7,536	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	11,888	345,580	SH	DFND	1 3 4	345,580	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	297	8,642	SH	DFND	1 4	8,642	0	0
HALLIBURTON CO	COM	406216101	47,820	1,262,749	SH	DFND	1 3 4	1,262,749	0	0
HALLIBURTON CO	COM	406216101	3,269	86,310	SH	DFND	1 4	86,310	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	18,547	465,077	SH	DFND	1 3 4	465,077	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,003	25,141	SH	DFND	1 4	25,141	0	0
HAMILTON LANE INC	CL A	407497106	33,177	429,256	SH	DFND	1 3 4	429,256	0	0
HAMILTON LANE INC	CL A	407497106	490	6,334	SH	DFND	1 4	6,334	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	358	6,869	SH	DFND	1 4	6,869	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	14,958	286,821	SH	DFND	1 3 4	286,821	0	0
HANESBRANDS INC	COM	410345102	17,223	1,156,681	SH	DFND	1 3 4	1,156,681	0	0
HANESBRANDS INC	COM	410345102	517	34,706	SH	DFND	1 4	34,706	0	0
HANGER INC	COM NEW	41043F208	4,452	242,895	SH	DFND	1 3 4	242,895	0	0
HANMI FINL CORP	COM NEW	410495204	5,484	222,852	SH	DFND	1 3 4	222,852	0	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	312	6,576	SH	DFND	1 4	6,576	0	0
HANOVER INS GROUP INC	COM	410867105	71,582	478,748	SH	DFND	1 3 4	478,748	0	0
HANOVER INS GROUP INC	COM	410867105	522	3,488	SH	DFND	1 4	3,488	0	0
HARLEY DAVIDSON INC	COM	412822108	588	14,914	SH	DFND	1 4	14,914	0	0
HARLEY DAVIDSON INC	COM	412822108	20,028	508,319	SH	DFND	1 3 4	508,319	0	0
HARMONIC INC	COM	413160102	6,893	741,939	SH	DFND	1 3 4	741,939	0	0
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	9,318	191,531	SH	DFND	1 3 4	191,531	0	0
HARMONY BIOSCIENCES HLDGS IN	COM	413197104	205	4,207	SH	DFND	1 4	4,207	0	0
HARROW HEALTH INC	COM	415858109	71	10,469	SH	DFND	1 3 4	10,469	0	0
HARSCO CORP	COM	415864107	6,395	522,461	SH	DFND	1 3 4	522,461	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	31,130	433,507	SH	DFND	1 3 4	433,507	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	2,334	32,505	SH	DFND	1 4	32,505	0	0
HARVARD BIOSCIENCE INC	COM	416906105	117	18,918	SH	DFND	1 3 4	18,918	0	0
HASBRO INC	COM	418056107	39,034	476,483	SH	DFND	1 3 4	476,483	0	0
HASBRO INC	COM	418056107	1,019	12,436	SH	DFND	1 4	12,436	0	0

HAVERTY FURNITURE COS INC	COM	419596101	3,166	115,450	SH	DFND	1 3 4	115,450	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	15,278	361,099	SH	DFND	1 3 4	361,099	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	436	10,309	SH	DFND	1 4	10,309	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	6,655	337,822	SH	DFND	1 3 4	337,822	0	0
HAWKINS INC	COM	420261109	5,702	124,217	SH	DFND	1 3 4	124,217	0	0
HAYNES INTERNATIONAL INC	COM NEW	420877201	3,504	82,261	SH	DFND	1 3 4	82,261	0	0
HCA HEALTHCARE INC	COM	40412C101	68,972	275,205	SH	DFND	1 3 4	275,205	0	0
HCA HEALTHCARE INC	COM	40412C101	4,181	16,683	SH	DFND	1 4	16,683	0	0
HCI GROUP INC	COM	40416E103	3,596	52,744	SH	DFND	1 3 4	52,744	0	0
HDFC BANK LTD	SPONSORED ADS	40415F101	67,280	1,097,012	SH	DFND	1 3 4	1,076,895	0	20,117
HEALTH CATALYST INC	COM	42225T107	1,316	50,355	SH	DFND	1 3 4	50,355	0	0
HEALTH CATALYST INC	COM	42225T107	250	9,570	SH	DFND	1 4	9,570	0	0
HEALTHCARE RLTY TR	COM	421946104	323	11,759	SH	DFND	1 4	11,759	0	0
HEALTHCARE RLTY TR	COM	421946104	140,629	5,117,493	SH	DFND	2 3 4	5,117,493	0	0
HEALTHCARE RLTY TR	COM	421946104	21,370	777,686	SH	DFND	1 3 4	777,686	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	11,038	594,425	SH	DFND	1 3 4	594,425	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	187	10,056	SH	DFND	1 4	10,056	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	8,457	269,845	SH	DFND	1 3 4	269,845	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	664	21,198	SH	DFND	1 4	21,198	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	391,851	12,503,243	SH	DFND	2 3 4	12,503,243	0	0
HEALTHEQUITY INC	COM	42226A107	19,277	285,834	SH	DFND	1 3 4	285,834	0	0
HEALTHEQUITY INC	COM	42226A107	1,002	14,855	SH	DFND	1 4	14,855	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	21,090	614,319	SH	DFND	1 3 4	614,319	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	1,798	52,376	SH	DFND	1 4	52,376	0	0
HEALTHSTREAM INC	COM	42222N103	3,595	180,480	SH	DFND	1 3 4	180,480	0	0
HEARTLAND EXPRESS INC	COM	422347104	4,328	307,584	SH	DFND	1 3 4	307,584	0	0
HEAT BIOLOGICS INC	COM	42237K409	65	21,392	SH	DFND	1 3 4	21,392	0	0
HECLA MNG CO	COM	422704106	384	58,467	SH	DFND	1 4	58,467	0	0
HEICO CORP NEW	COM	422806109	1,591	10,363	SH	DFND	1 3 4	10,363	0	0
HEICO CORP NEW	COM	422806109	679	4,423	SH	DFND	1 4	4,423	0	0
HEICO CORP NEW	CL A	422806208	829,146	6,537,451	SH	DFND	1 3 4	6,537,451	0	0
HEICO CORP NEW	CL A	422806208	984	7,761	SH	DFND	1 4	7,761	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	27,823	702,952	SH	DFND	1 3 4	702,952	0	0
HELEN OF TROY LTD	COM	G4388N106	15,615	79,734	SH	DFND	1 3 4	79,734	0	0
HELEN OF TROY LTD	COM	G4388N106	857	4,378	SH	DFND	1 4	4,378	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	839	10,460	SH	DFND	1 3 4	10,460	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	471	5,873	SH	DFND	1 4	5,873	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	4,472	935,600	SH	DFND	1 3 4	935,600	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	54	11,362	SH	DFND	1 4	11,362	0	0
HELLO GROUP INC	ADS	423403104	290	50,124	SH	DFND	1 3 4	50,124	0	0
HELMERICH & PAYNE INC	COM	423452101	60,725	1,419,475	SH	DFND	1 3 4	1,419,475	0	0
HELMERICH & PAYNE INC	COM	423452101	350	8,175	SH	DFND	1 4	8,175	0	0
HENRY JACK & ASSOC INC	COM	426281101	17,413	88,367	SH	DFND	1 3 4	88,367	0	0
HENRY JACK & ASSOC	COM	426281101	1,398	7,094	SH	DFND	1 4	7,094	0	0

INC											
HENRY SCHEIN INC	COM	806407102	13,893	159,343	SH	DFND	1 3 4	159,343	0	0	
HENRY SCHEIN INC	COM	806407102	1,181	13,540	SH	DFND	1 4	13,540	0	0	
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	312	10,278	SH	DFND	1 4	10,278	0	0	
HERC HLDGS INC	COM	42704L104	9,367	56,061	SH	DFND	1 3 4	56,061	0	0	
HERC HLDGS INC	COM	42704L104	757	4,533	SH	DFND	1 4	4,533	0	0	
HERITAGE FINL CORP WASH	COM	42722X106	5,814	232,021	SH	DFND	1 3 4	232,021	0	0	
HERON THERAPEUTICS INC	COM	427746102	66	11,546	SH	DFND	1 3 4	11,546	0	0	
HERON THERAPEUTICS INC	COM	427746102	97	16,913	SH	DFND	1 4	16,913	0	0	
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	1,978	217,866	SH	DFND	1 3 4	217,866	0	0	
HERSHEY CO	COM	427866108	61,342	283,167	SH	DFND	1 3 4	283,167	0	0	
HERSHEY CO	COM	427866108	3,126	14,429	SH	DFND	1 4	14,429	0	0	
HESKA CORP	COM RESTRC NEW	42805E306	10,527	76,127	SH	DFND	1 3 4	76,127	0	0	
HESKA CORP	COM RESTRC NEW	42805E306	246	1,777	SH	DFND	1 4	1,777	0	0	
HESS CORP	COM	42809H107	38,702	361,567	SH	DFND	1 3 4	361,567	0	0	
HESS CORP	COM	42809H107	2,895	27,048	SH	DFND	1 4	27,048	0	0	
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	27,300	1,633,762	SH	DFND	1 3 4	1,633,762	0	0	
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	2,111	126,334	SH	DFND	1 4	126,334	0	0	
HEXCEL CORP NEW	COM	428291108	483	8,130	SH	DFND	1 4	8,130	0	0	
HEXCEL CORP NEW	COM	428291108	16,481	277,136	SH	DFND	1 3 4	277,136	0	0	
HF SINCLAIR CORPORATION	COM	403949100	581	14,570	SH	DFND	1 4	14,570	0	0	
HF SINCLAIR CORPORATION	COM	403949100	62,468	1,567,601	SH	DFND	1 3 4	1,567,601	0	0	
HIBBETT INC	COM	428567101	4,912	110,784	SH	DFND	1 3 4	110,784	0	0	
HIGHWOODS PPTYS INC	COM	431284108	20,654	451,548	SH	DFND	1 3 4	451,548	0	0	
HIGHWOODS PPTYS INC	COM	431284108	458	10,015	SH	DFND	1 4	10,015	0	0	
HILLENBRAND INC	COM	431571108	39,311	890,005	SH	DFND	1 3 4	890,005	0	0	
HILLENBRAND INC	COM	431571108	438	9,909	SH	DFND	1 4	9,909	0	0	
HILLTOP HOLDINGS INC	COM	432748101	15,188	516,590	SH	DFND	1 3 4	516,590	0	0	
HILTON GRAND VACATIONS INC	COM	43283X105	808	15,539	SH	DFND	1 4	15,539	0	0	
HILTON WORLDWIDE HLDGS INC	COM	43300A203	1,298,676	8,558,558	SH	DFND	1 3 4	8,558,558	0	0	
HILTON WORLDWIDE HLDGS INC	COM	43300A203	4,087	26,936	SH	DFND	1 4	26,936	0	0	
HIMS & HERS HEALTH INC	COM CL A	433000106	118	22,080	SH	DFND	1 3 4	22,080	0	0	
HINGHAM INSTN SVGS MASS	COM	433323102	684	1,994	SH	DFND	1 3 4	1,994	0	0	
HNI CORP	COM	404251100	20,669	557,848	SH	DFND	1 3 4	557,848	0	0	
HOLOGIC INC	COM	436440101	22,149	288,329	SH	DFND	1 3 4	288,329	0	0	
HOLOGIC INC	COM	436440101	1,847	24,045	SH	DFND	1 4	24,045	0	0	
HOME BANCSHARES INC	COM	436893200	13,993	619,173	SH	DFND	1 3 4	619,173	0	0	
HOME BANCSHARES INC	COM	436893200	299	12,753	SH	DFND	1 4	12,753	0	0	
HOME DEPOT INC	COM	437076102	421,263	1,407,353	SH	DFND	1 3 4	1,407,353	0	0	
HOME DEPOT INC	COM	437076102	21,360	71,361	SH	DFND	1 4	71,361	0	0	
HOMESTREET INC	COM	43785V102	6,293	132,829	SH	DFND	1 3 4	132,829	0	0	
HONEST CO INC	COM	438333106	7,462	1,432,169	SH	DFND	1 3 4	1,432,169	0	0	
HONEST CO INC	COM	438333106	68	13,020	SH	DFND	1 4	13,020	0	0	
HONEYWELL INTL INC	COM	438516106	200,386	1,029,837	SH	DFND	1 3 4	1,029,837	0	0	
HONEYWELL INTL INC	COM	438516106	4,798	24,660	SH	DFND	1 4	24,660	0	0	
HOPE BANCORP INC	COM	43940T109	15,061	936,602	SH	DFND	1 3 4	936,602	0	0	
HORACE MANN	COM	440327104	11,443	273,566	SH	DFND	1 3 4	273,566	0	0	



EDUCATORS CORP N										
HORIZON BANCORP INC	COM	440407104	360	19,273	SH	DFND	1 3 4	19,273	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	120,695	1,147,181	SH	DFND	1 3 4	1,147,181	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	2,238	21,274	SH	DFND	1 4	21,274	0	0
HORMEL FOODS CORP	COM	440452100	290,033	5,627,333	SH	DFND	1 3 4	5,627,333	0	0
HORMEL FOODS CORP	COM	440452100	1,416	27,466	SH	DFND	1 4	27,466	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	47,114	2,424,805	SH	DFND	1 3 4	2,424,805	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	1,334	68,665	SH	DFND	1 4	68,665	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	10,078	518,700	SH	DFND	2 3 4	518,700	0	0
HOSTESS BRANDS INC	CL A	44109J106	31,543	1,437,678	SH	DFND	1 3 4	1,437,678	0	0
HOSTESS BRANDS INC	CL A	44109J106	242	11,013	SH	DFND	1 4	11,013	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	469	22,338	SH	DFND	1 4	22,338	0	0
HOULIHAN LOKEY INC	CL A	441593100	5,344	60,866	SH	DFND	1 3 4	60,866	0	0
HOULIHAN LOKEY INC	CL A	441593100	757	8,619	SH	DFND	1 4	8,619	0	0
HOVNANIAN ENTERPRISES INC	CL A NEW	442487401	213	3,608	SH	DFND	1 3 4	3,608	0	0
HOWARD HUGHES CORP	COM	44267D107	255,156	2,462,658	SH	DFND	1 3 4	2,462,658	0	0
HOWARD HUGHES CORP	COM	44267D107	418	4,034	SH	DFND	1 4	4,034	0	0
HOWMET AEROSPACE INC	COM	443201108	15,483	430,813	SH	DFND	1 3 4	430,813	0	0
HOWMET AEROSPACE INC	COM	443201108	1,335	37,159	SH	DFND	1 4	37,159	0	0
HP INC	COM	40434L105	49,954	1,376,146	SH	DFND	1 3 4	1,376,146	0	0
HP INC	COM	40434L105	3,848	106,013	SH	DFND	1 4	106,013	0	0
HUB GROUP INC	CL A	443320106	36,143	468,116	SH	DFND	1 3 4	468,116	0	0
HUB GROUP INC	CL A	443320106	203	2,628	SH	DFND	1 4	2,628	0	0
HUBBELL INC	COM	443510607	74,595	405,913	SH	DFND	1 3 4	405,913	0	0
HUBBELL INC	COM	443510607	968	5,265	SH	DFND	1 4	5,265	0	0
HUBSPOT INC	COM	443573100	73,493	154,742	SH	DFND	1 3 4	154,742	0	0
HUBSPOT INC	COM	443573100	2,116	4,456	SH	DFND	1 4	4,456	0	0
HUDSON PAC PPTYS INC	COM	444097109	13,978	503,701	SH	DFND	1 3 4	503,701	0	0
HUDSON PAC PPTYS INC	COM	444097109	398	14,352	SH	DFND	1 4	14,352	0	0
HUMANA INC	COM	444859102	63,473	145,859	SH	DFND	1 3 4	145,859	0	0
HUMANA INC	COM	444859102	1,510	3,469	SH	DFND	1 4	3,469	0	0
HUNT J B TRANS SVCS INC	COM	445658107	19,324	96,239	SH	DFND	1 3 4	96,239	0	0
HUNT J B TRANS SVCS INC	COM	445658107	1,664	8,287	SH	DFND	1 4	8,287	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	24,722	1,690,939	SH	DFND	1 3 4	1,690,939	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	2,041	139,615	SH	DFND	1 4	139,615	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	763	3,824	SH	DFND	1 4	3,824	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	33,529	168,116	SH	DFND	1 3 4	168,116	0	0
HUNTSMAN CORP	COM	447011107	48,259	1,286,594	SH	DFND	1 3 4	1,286,594	0	0
HUNTSMAN CORP	COM	447011107	759	20,230	SH	DFND	1 4	20,230	0	0
HYATT HOTELS CORP	COM CL A	448579102	240,240	2,516,911	SH	DFND	1 3 4	2,516,911	0	0
HYATT HOTELS CORP	COM CL A	448579102	459	4,808	SH	DFND	1 4	4,808	0	0
HYLIION HOLDINGS CORP	COMMON STOCK	449109107	53	11,853	SH	DFND	1 4	11,853	0	0
I MAB	SPONSORED ADS	44975P103	5,504	338,919	SH	DFND	1 3 4	338,919	0	0
IAA INC	COM	449253103	17,039	445,451	SH	DFND	1 3 4	445,451	0	0
IAA INC	COM	449253103	510	13,323	SH	DFND	1 4	13,323	0	0
IAC INTERACTIVECORP NEW	COM NEW	44891N208	344	3,435	SH	DFND	1 3 4	3,435	0	0
IAC INTERACTIVECORP	COM NEW	44891N208	745	7,426	SH	DFND	1 4	7,426	0	0

NEW										
IBIO INC	COM NEW	451033203	11	24,686	SH	DFND	1 3 4	24,686	0	0
IBIO INC	COM NEW	451033203	8	18,842	SH	DFND	1 4	18,842	0	0
ICF INTL INC	COM	44925C103	29,854	317,120	SH	DFND	1 3 4	317,120	0	0
ICHOR HOLDINGS	SHS	G4740B105	7,473	209,793	SH	DFND	1 3 4	209,793	0	0
ICICI BANK LIMITED	ADR	45104G104	186,987	9,872,604	SH	DFND	1 3 4	9,650,350	0	222,254
ICON PLC	SHS	G4705A100	154,805	636,483	SH	DFND	1 3 4	622,404	0	14,079
ICU MED INC	COM	44930G107	16,874	75,791	SH	DFND	1 3 4	75,791	0	0
ICU MED INC	COM	44930G107	431	1,934	SH	DFND	1 4	1,934	0	0
IDACORP INC	COM	451107106	63,775	552,826	SH	DFND	1 3 4	552,826	0	0
IDACORP INC	COM	451107106	565	4,902	SH	DFND	1 4	4,902	0	0
IDEANOMICS INC	COM	45166V106	43	38,616	SH	DFND	1 4	38,616	0	0
IDEAYA BIOSCIENCES INC	COM	45166A102	213	18,997	SH	DFND	1 3 4	18,997	0	0
IDEX CORP	COM	45167R104	1,415	7,378	SH	DFND	1 4	7,378	0	0
IDEX CORP	COM	45167R104	17,245	89,944	SH	DFND	1 3 4	89,944	0	0
IDEXX LABS INC	COM	45168D104	459,875	840,630	SH	DFND	1 3 4	840,630	0	0
IDEXX LABS INC	COM	45168D104	4,577	8,367	SH	DFND	1 4	8,367	0	0
IDT CORP	CL B NEW	448947507	487	14,280	SH	DFND	1 3 4	14,280	0	0
IHEARTMEDIA INC	COM CL A	45174J509	269	14,229	SH	DFND	1 4	14,229	0	0
II-VI INC	COM	902104108	25,463	351,264	SH	DFND	1 3 4	351,264	0	0
II-VI INC	COM	902104108	1,339	18,477	SH	DFND	1 4	18,477	0	0
ILLINOIS TOOL WKS INC	COM	452308109	69,037	329,689	SH	DFND	1 3 4	329,689	0	0
ILLINOIS TOOL WKS INC	COM	452308109	4,210	20,107	SH	DFND	1 4	20,107	0	0
ILLUMINA INC	COM	452327109	3,472	9,938	SH	DFND	1 4	9,938	0	0
ILLUMINA INC	COM	452327109	61,924	177,230	SH	DFND	1 3 4	177,230	0	0
IMMUNITYBIO INC	COM	45256X103	256	45,568	SH	DFND	1 3 4	45,568	0	0
IMMUNOCORE HLDGS PLC	ADS	45258D105	7,043	235,545	SH	DFND	1 3 4	235,545	0	0
IMMUNOGEN INC	COM	45253H101	643	135,041	SH	DFND	1 3 4	135,041	0	0
IMMUNOGEN INC	COM	45253H101	138	28,963	SH	DFND	1 4	28,963	0	0
IMMUNOVANT INC	COM	45258J102	72	13,034	SH	DFND	1 3 4	13,034	0	0
IMPERIAL OIL LTD	COM NEW	453038408	314	6,476	SH	DFND	1 3 4	6,476	0	0
IMPINJ INC	COM	453204109	639	10,057	SH	DFND	1 3 4	10,057	0	0
IMPINJ INC	COM	453204109	219	3,440	SH	DFND	1 4	3,440	0	0
INARI MED INC	COM	45332Y109	28,589	315,412	SH	DFND	1 3 4	315,412	0	0
INARI MED INC	COM	45332Y109	567	6,250	SH	DFND	1 4	6,250	0	0
INCYTE CORP	COM	45337C102	1,446	18,213	SH	DFND	1 4	18,213	0	0
INCYTE CORP	COM	45337C102	17,370	218,715	SH	DFND	1 3 4	218,715	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	22,028	833,143	SH	DFND	2 3 4	833,143	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	38,508	1,456,430	SH	DFND	1 3 4	1,456,430	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	464	17,542	SH	DFND	1 4	17,542	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	19,238	270,342	SH	DFND	1 3 4	270,342	0	0
INDEPENDENT BANK GROUP INC	COM	45384B106	210	2,958	SH	DFND	1 4	2,958	0	0
INDEPENDENT BK CORP MASS	COM	453836108	29,951	366,644	SH	DFND	1 3 4	366,644	0	0
INDEPENDENT BK CORP MASS	COM	453836108	298	3,651	SH	DFND	1 4	3,651	0	0
INDEPENDENT BK CORP MICH	COM NEW	453838609	6,835	310,713	SH	DFND	1 3 4	310,713	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	10,918	481,626	SH	DFND	1 3 4	481,626	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	9,498	418,973	SH	DFND	2 3 4	418,973	0	0
INFINERA CORP	COM	45667G103	288	33,223	SH	DFND	1 4	33,223	0	0
INFINITY PHARMACEUTICALS INC	COM	45665G303	11	10,053	SH	DFND	1 3 4	10,053	0	0
INFINITY	COM	45665G303	19	16,451	SH	DFND	1 4	16,451	0	0

PHARMACEUTICALS INC										
INFORMATION SVCS GROUP INC	COM	45675Y104	232	34,134	SH	DFND	1 3 4	34,134	0	0
INFOSYS LTD	SPONSORED ADR	456788108	8,369	336,241	SH	DFND	1 3 4	168,358	0	167,883
INGERSOLL RAND INC	COM	45687V106	23,288	462,526	SH	DFND	1 3 4	462,526	0	0
INGERSOLL RAND INC	COM	45687V106	1,925	38,228	SH	DFND	1 4	38,228	0	0
INGEVITY CORP	COM	45688C107	9,905	154,602	SH	DFND	1 3 4	154,602	0	0
INGEVITY CORP	COM	45688C107	462	7,217	SH	DFND	1 4	7,217	0	0
INGLES MKTS INC	CL A	457030104	439	4,932	SH	DFND	1 3 4	4,932	0	0
INGREDION INC	COM	457187102	70,775	812,105	SH	DFND	1 3 4	812,105	0	0
INGREDION INC	COM	457187102	569	6,532	SH	DFND	1 4	6,532	0	0
INNOSPEC INC	COM	45768S105	255	2,751	SH	DFND	1 4	2,751	0	0
INNOSPEC INC	COM	45768S105	15,064	162,771	SH	DFND	1 3 4	162,771	0	0
INNOVAGE HLDG CORP	COM	45784A104	265	41,328	SH	DFND	1 3 4	41,328	0	0
INNOVATIVE INDL PTYYS INC	COM	45781V101	648	3,156	SH	DFND	1 4	3,156	0	0
INNOVATIVE INDL PTYYS INC	COM	45781V101	34,731	169,091	SH	DFND	1 3 4	169,091	0	0
INNOVIVA INC	COM	45781M101	9,617	496,983	SH	DFND	1 3 4	496,983	0	0
INOGEN INC	COM	45780L104	4,872	150,285	SH	DFND	1 3 4	150,285	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	86	23,837	SH	DFND	1 3 4	23,837	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	59	16,558	SH	DFND	1 4	16,558	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	29,102	271,167	SH	DFND	1 3 4	271,167	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	426	3,969	SH	DFND	1 4	3,969	0	0
INSMED INC	COM PAR \$.01	457669307	18,346	780,691	SH	DFND	1 3 4	780,691	0	0
INSMED INC	COM PAR \$.01	457669307	504	21,445	SH	DFND	1 4	21,445	0	0
INSPERITY INC	COM	45778Q107	14,367	143,070	SH	DFND	1 3 4	143,070	0	0
INSPERITY INC	COM	45778Q107	663	6,599	SH	DFND	1 4	6,599	0	0
INSPIRE MED SYS INC	COM	457730109	45,053	175,516	SH	DFND	1 3 4	175,516	0	0
INSPIRE MED SYS INC	COM	457730109	1,254	4,884	SH	DFND	1 4	4,884	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	13,086	154,883	SH	DFND	1 3 4	154,883	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	364	4,309	SH	DFND	1 4	4,309	0	0
INSTEEL INDS INC	COM	45774W108	5,123	138,487	SH	DFND	1 3 4	138,487	0	0
INSULET CORP	COM	45784P101	2,558	9,601	SH	DFND	1 3 4	9,601	0	0
INSULET CORP	COM	45784P101	1,739	6,529	SH	DFND	1 4	6,529	0	0
INTEGER HLDGS CORP	COM	45826H109	18,763	232,874	SH	DFND	1 3 4	232,874	0	0
INTEGER HLDGS CORP	COM	45826H109	210	2,608	SH	DFND	1 4	2,608	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	451	7,012	SH	DFND	1 4	7,012	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	15,463	240,626	SH	DFND	1 3 4	240,626	0	0
INTEL CORP	COM	458140100	263,833	5,323,508	SH	DFND	1 3 4	5,323,508	0	0
INTEL CORP	COM	458140100	5,405	109,050	SH	DFND	1 4	109,050	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	945	13,004	SH	DFND	1 3 4	13,004	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	920	12,666	SH	DFND	1 4	12,666	0	0
INTER PARFUMS INC	COM	458334109	10,974	124,630	SH	DFND	1 3 4	124,630	0	0
INTER PARFUMS INC	COM	458334109	286	3,247	SH	DFND	1 4	3,247	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	19,024	288,632	SH	DFND	1 3 4	288,632	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	514	7,797	SH	DFND	1 4	7,797	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	1,041	63,994	SH	DFND	1 3 4	63,994	0	0

INTERCONTINENTAL EXCHANGE IN	COM	45866F104	85,455	646,795	SH	DFND	1 3 4	646,795	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	1,984	15,013	SH	DFND	1 4	15,013	0	0
INTERDIGITAL INC	COM	45867G101	14,754	231,257	SH	DFND	1 3 4	231,257	0	0
INTERDIGITAL INC	COM	45867G101	240	3,756	SH	DFND	1 4	3,756	0	0
INTERFACE INC	COM	458665304	5,555	409,362	SH	DFND	1 3 4	409,362	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	7,422	175,834	SH	DFND	1 3 4	175,834	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	132,643	1,020,171	SH	DFND	1 3 4	1,020,171	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	3,135	24,109	SH	DFND	1 4	24,109	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	38,035	289,612	SH	DFND	1 3 4	289,612	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	3,254	24,774	SH	DFND	1 4	24,774	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	9,606	389,231	SH	DFND	1 3 4	389,231	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	448	18,158	SH	DFND	1 4	18,158	0	0
INTERNATIONAL PAPER CO	COM	460146103	25,486	552,236	SH	DFND	1 3 4	552,236	0	0
INTERNATIONAL PAPER CO	COM	460146103	1,740	37,713	SH	DFND	1 4	37,713	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	359	19,895	SH	DFND	1 3 4	19,895	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	68,295	1,926,504	SH	DFND	1 3 4	1,926,504	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	1,351	38,104	SH	DFND	1 4	38,104	0	0
INTRA-CELLULAR THERAPIES INC	COM	46116X101	3,146	51,412	SH	DFND	1 3 4	51,412	0	0
INTRA-CELLULAR THERAPIES INC	COM	46116X101	893	14,591	SH	DFND	1 4	14,591	0	0
INTUIT	COM	461202103	640,357	1,331,747	SH	DFND	1 3 4	1,331,747	0	0
INTUIT	COM	461202103	8,721	18,136	SH	DFND	1 4	18,136	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	241,993	802,153	SH	DFND	1 3 4	802,153	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	7,302	24,205	SH	DFND	1 4	24,205	0	0
INVACARE CORP	COM	461203101	44	30,961	SH	DFND	1 3 4	30,961	0	0
INVENTRUST PPTYS CORP	COM NEW	46124J201	4,998	162,364	SH	DFND	1 3 4	162,364	0	0
INVENTRUST PPTYS CORP	COM NEW	46124J201	152,285	4,947,508	SH	DFND	2 3 4	4,947,508	0	0
INVESCO EXCH TRADED FD TR II	S&P GBL WATER	46138e263	5,805	110,750	SH	DFND	1 3 4	110,750	0	0
INVESCO EXCHANGE TRADED FD T	S&P500 EQL WGT	46137V357	1,014	6,431	SH	SOLE		6,431	0	0
INVESCO LTD	SHS	G491BT108	747	32,401	SH	DFND	1 4	32,401	0	0
INVESCO LTD	SHS	G491BT108	8,980	389,431	SH	DFND	1 3 4	389,431	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	4,695	2,059,134	SH	DFND	1 3 4	2,059,134	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	57	24,987	SH	DFND	1 4	24,987	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	2,120	5,848	SH	DFND	1 3 4	5,848	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	369	1,017	SH	SOLE		1,017	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	22,258	1,490,791	SH	DFND	1 3 4	1,490,791	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	399	26,704	SH	DFND	1 4	26,704	0	0
INVITAE CORP	COM	46185L103	202	25,315	SH	DFND	1 3 4	25,315	0	0
INVITAE CORP	COM	46185L103	170	21,354	SH	DFND	1 4	21,354	0	0
INVITATION HOMES INC	COM	46187W107	2,331	58,023	SH	DFND	1 4	58,023	0	0
INVITATION HOMES INC	COM	46187W107	856,399	21,314,063	SH	DFND	2 3 4	21,314,063	0	0
INVITATION HOMES INC	COM	46187W107	17,524	436,126	SH	DFND	1 3 4	436,126	0	0

IONIS PHARMACEUTICALS INC	COM	462222100	514	13,874	SH	DFND	1 4	13,874	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	605	16,337	SH	DFND	1 3 4	16,337	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	9,188	551,814	SH	DFND	1 3 4	551,814	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	247	14,844	SH	DFND	1 4	14,844	0	0
IPG PHOTONICS CORP	COM	44980X109	4,453	40,573	SH	DFND	1 3 4	40,573	0	0
IPG PHOTONICS CORP	COM	44980X109	393	3,583	SH	DFND	1 4	3,583	0	0
IQVIA HLDGS INC	COM	46266C105	51,124	221,114	SH	DFND	1 3 4	221,114	0	0
IQVIA HLDGS INC	COM	46266C105	4,322	18,691	SH	DFND	1 4	18,691	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	537	3,408	SH	DFND	1 3 4	3,408	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	844	5,358	SH	DFND	1 4	5,358	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	17,608	436,717	SH	DFND	1 3 4	436,717	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	746	18,513	SH	DFND	1 4	18,513	0	0
IROBOT CORP	COM	462726100	11,274	177,826	SH	DFND	1 3 4	177,826	0	0
IROBOT CORP	COM	462726100	294	4,632	SH	DFND	1 4	4,632	0	0
IRON MTN INC NEW	COM	46284V101	18,355	331,253	SH	DFND	1 3 4	331,253	0	0
IRON MTN INC NEW	COM	46284V101	1,561	28,169	SH	DFND	1 4	28,169	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	2,880	228,919	SH	DFND	1 3 4	228,919	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	335	26,653	SH	DFND	1 4	26,653	0	0
ISHARES INC	MSCI WORLD ETF	464286392	28,978	226,109	SH	DFND	1 3 4	226,109	0	0
ISHARES INC	MSCI EURZONE ETF	464286608	1,075	24,842	SH	DFND	1 5	24,842	0	0
ISHARES INC	CORE MSCI EMKT	46434G103	434	7,812	SH	DFND	1 5	7,812	0	0
ISHARES INC	MSCI TAIWAN ETF	46434G772	551	8,959	SH	DFND	1 3 4	8,959	0	0
ISHARES INC	MSCI JPN ETF NEW	46434G822	937	15,210	SH	DFND	1 3 4	15,210	0	0
ISHARES TR	CORE S&P500 ETF	464287200	105,728	233,041	SH	DFND	1 3 4	233,041	0	0
ISHARES TR	CORE S&P500 ETF	464287200	1,013	2,233	SH	SOLE		2,233	0	0
ISHARES TR	CORE US AGGBD ET	464287226	3,280	30,623	SH	DFND	1 3 4	30,623	0	0
ISHARES TR	CORE US AGGBD ET	464287226	450	4,200	SH	DFND	1 5	4,200	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	23,903	197,640	SH	DFND	1 3 4	197,640	0	0
ISHARES TR	S&P 500 VAL ETF	464287408	2,164	13,894	SH	DFND	1 5	13,894	0	0
ISHARES TR	MSCI EAFE ETF	464287465	36,373	494,194	SH	DFND	1 3 4	494,194	0	0
ISHARES TR	MSCI EAFE ETF	464287465	1,247	16,949	SH	DFND	1 5	16,949	0	0
ISHARES TR	MSCI EAFE ETF	464287465	372	5,051	SH	SOLE		5,051	0	0
ISHARES TR	RUS MDCP VAL ETF	464287473	11,127	93,000	SH	DFND	1 4	93,000	0	0
ISHARES TR	RUS MD CP GR ETF	464287481	2,301	22,900	SH	DFND	1 4	22,900	0	0
ISHARES TR	RUS MID CAP ETF	464287499	14,768	189,232	SH	DFND	1 3 4	189,232	0	0
ISHARES TR	RUS MID CAP ETF	464287499	590	7,557	SH	SOLE		7,557	0	0

ISHARES TR	CORE S&P MCP ETF	464287507	8,917	33,231	SH	DFND	1 3 4	33,231	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	5,281	19,681	SH	DFND	1 5	19,681	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	2,074	12,493	SH	DFND	1 3 4	12,493	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	12,093	72,861	SH	DFND	1 4	72,861	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	8,145	49,071	SH	DFND	1 5	49,071	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	12,454	44,859	SH	DFND	1 3 4	44,859	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	32,122	115,700	SH	DFND	1 4	115,700	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	9,939	35,800	SH	DFND	1 5	35,800	0	0
ISHARES TR	RUS 1000 ETF	464287622	6,969	27,868	SH	DFND	1 3 4	27,868	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	2,421	15,000	SH	DFND	1 4	15,000	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	8,779	54,394	SH	DFND	1 3 4	54,394	0	0
ISHARES TR	RUS 2000 GRW ETF	464287648	4,987	19,500	SH	DFND	1 4	19,500	0	0
ISHARES TR	RUSSELL 2000 ETF	464287655	268	1,308	SH	SOLE		1,308	0	0
ISHARES TR	RUSSELL 2000 ETF	464287655	4,997	24,342	SH	DFND	1 5	24,342	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	13,064	121,100	SH	DFND	1 3 4	121,100	0	0
ISHARES TR	SHRT NAT MUN ETF	464288158	5,060	48,374	SH	DFND	1 3 4	48,374	0	0
ISHARES TR	EAFE SML CP ETF	464288273	1,120	16,883	SH	DFND	1 5	16,883	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	3,295	30,050	SH	DFND	1 3 4	30,050	0	0
ISHARES TR	IBOXX HI YD ETF	464288513	1,633	19,843	SH	DFND	1 3 4	19,843	0	0
ISHARES TR	MBS ETF	464288588	200	1,965	SH	DFND	1 3 4	1,965	0	0
ISHARES TR	ISHS 1-5YR INVS	464288646	335	6,471	SH	SOLE		6,471	0	0
ISHARES TR	EAFE VALUE ETF	464288877	6,227	123,900	SH	DFND	1 4	123,900	0	0
ISHARES TR	US TREAS BD ETF	46429B267	800	32,116	SH	DFND	1 3 4	32,116	0	0
ISHARES TR	MSCI INDIA ETF	46429B598	17,909	401,827	SH	DFND	1 3 4	401,827	0	0
ISHARES TR	MSCI EAFE MIN VL	46429B689	275	3,809	SH	SOLE		3,809	0	0
ISHARES TR	MSCI USA QLT FCT	46432F339	730	5,424	SH	DFND	1 3 4	5,424	0	0
ISTAR INC	COM	45031U101	10,735	458,557	SH	DFND	1 3 4	458,557	0	0
ITEOS THERAPEUTICS INC	COM	46565G104	4,400	136,746	SH	DFND	1 3 4	136,746	0	0
ITRON INC	COM	465741106	15,732	298,632	SH	DFND	1 3 4	298,632	0	0
ITRON INC	COM	465741106	390	7,402	SH	DFND	1 4	7,402	0	0
ITT INC	COM	45073V108	21,267	282,771	SH	DFND	1 3 4	282,771	0	0
ITT INC	COM	45073V108	632	8,398	SH	DFND	1 4	8,398	0	0
IVERIC BIO INC	COM	46583P102	198	11,782	SH	DFND	1 3 4	11,782	0	0
IVERIC BIO INC	COM	46583P102	194	11,556	SH	DFND	1 4	11,556	0	0
J & J SNACK FOODS CORP	COM	466032109	15,268	98,442	SH	DFND	1 3 4	98,442	0	0
J & J SNACK FOODS CORP	COM	466032109	415	2,678	SH	DFND	1 4	2,678	0	0
J P MORGAN EXCHANGE-TRADED F	ULTRA SHT MUNCP	46641Q654	14,562	287,559	SH	DFND	1 3 4	287,559	0	0
JABIL INC	COM	466313103	29,259	473,987	SH	DFND	1 3 4	473,987	0	0
JABIL INC	COM	466313103	853	13,820	SH	DFND	1 4	13,820	0	0
JACK IN THE BOX INC	COM	466367109	16,171	173,122	SH	DFND	1 3 4	173,122	0	0

JACOBS ENGR GROUP INC	COM	469814107	20,290	147,233	SH	DFND	1 3 4	147,233	0	0
JACOBS ENGR GROUP INC	COM	469814107	1,730	12,556	SH	DFND	1 4	12,556	0	0
JAGUAR HEALTH INC	COM NEW	47010C607	81	113,690	SH	DFND	1 3 4	113,690	0	0
JAMES RIV GROUP LTD	COM	G5005R107	6,132	247,850	SH	DFND	1 3 4	247,850	0	0
JAMF HLDG CORP	COM	47074L105	23,774	682,967	SH	DFND	1 3 4	682,967	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	56,302	1,607,708	SH	DFND	1 3 4	1,607,708	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	577	16,468	SH	DFND	1 4	16,468	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	37,079	238,190	SH	DFND	1 3 4	238,190	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	902	5,797	SH	DFND	1 4	5,797	0	0
JBG SMITH PPTYS	COM	46590V100	11,019	377,110	SH	DFND	1 3 4	377,110	0	0
JBG SMITH PPTYS	COM	46590V100	348	11,893	SH	DFND	1 4	11,893	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	23,333	710,296	SH	DFND	1 3 4	710,296	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	687	20,925	SH	DFND	1 4	20,925	0	0
JELD-WEN HLDG INC	COM	47580P103	224	11,056	SH	DFND	1 4	11,056	0	0
JETBLUE AWYS CORP	COM	477143101	15,706	1,050,590	SH	DFND	1 3 4	1,050,590	0	0
JETBLUE AWYS CORP	COM	477143101	458	30,609	SH	DFND	1 4	30,609	0	0
JFROG LTD	ORD SHS	M6191J100	261	9,688	SH	DFND	1 4	9,688	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	27,107	228,808	SH	DFND	1 3 4	228,808	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	675	5,700	SH	DFND	1 4	5,700	0	0
JOHNSON & JOHNSON	COM	478160104	596,603	3,366,263	SH	DFND	1 3 4	3,366,263	0	0
JOHNSON & JOHNSON	COM	478160104	12,612	71,159	SH	DFND	1 4	71,159	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	1,242	18,943	SH	DFND	1 4	18,943	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	60,041	915,671	SH	DFND	1 3 4	915,671	0	0
JOINT CORP	COM	47973J102	3,750	105,956	SH	DFND	1 3 4	105,956	0	0
JONES LANG LASALLE INC	COM	48020Q107	39,922	166,716	SH	DFND	1 3 4	166,716	0	0
JONES LANG LASALLE INC	COM	48020Q107	1,179	4,923	SH	DFND	1 4	4,923	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	125	18,373	SH	DFND	1 3 4	18,373	0	0
JOYY INC	ADS REPSTG COM A	46591M109	290	7,882	SH	DFND	1 3 4	7,882	0	0
JPMORGAN CHASE & CO	COM	46625H100	851,952	6,249,652	SH	DFND	1 3 4	6,249,652	0	0
JPMORGAN CHASE & CO	COM	46625H100	10,810	79,300	SH	DFND	1 4	79,300	0	0
JUNIPER NETWORKS INC	COM	48203R104	1,157	31,141	SH	DFND	1 4	31,141	0	0
JUNIPER NETWORKS INC	COM	48203R104	13,847	372,644	SH	DFND	1 3 4	372,644	0	0
KADANT INC	COM	48282T104	406	2,092	SH	DFND	1 4	2,092	0	0
KADANT INC	COM	48282T104	580	2,985	SH	DFND	1 3 4	2,985	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	10,608	112,664	SH	DFND	1 3 4	112,664	0	0
KAMAN CORP	COM	483548103	7,995	183,883	SH	DFND	1 3 4	183,883	0	0
KAR AUCTION SVCS INC	COM	48238T109	14,425	799,176	SH	DFND	1 3 4	799,176	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	435	3,430	SH	DFND	1 3 4	3,430	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	511	4,032	SH	DFND	1 4	4,032	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	97	13,104	SH	DFND	1 4	13,104	0	0
KB HOME	COM	48666K109	9,168	283,123	SH	DFND	1 3 4	283,123	0	0
KB HOME	COM	48666K109	253	7,822	SH	DFND	1 4	7,822	0	0
KBR INC	COM	48242W106	1,307	23,877	SH	DFND	1 4	23,877	0	0

KBR INC	COM	48242W106	25,363	463,419	SH	DFND	1 3 4	463,419	0	0
KEARNY FINL CORP MD	COM	48716P108	972	75,458	SH	DFND	1 3 4	75,458	0	0
KELLOGG CO	COM	487836108	1,589	24,645	SH	DFND	1 4	24,645	0	0
KELLOGG CO	COM	487836108	18,803	291,558	SH	DFND	1 3 4	291,558	0	0
KELLY SVCS INC	CL A	488152208	5,155	237,675	SH	DFND	1 3 4	237,675	0	0
KEMPER CORP	COM	488401100	11,431	202,167	SH	DFND	1 3 4	202,167	0	0
KEMPER CORP	COM	488401100	333	5,894	SH	DFND	1 4	5,894	0	0
KENNAMETAL INC	COM	489170100	7,853	274,487	SH	DFND	1 3 4	274,487	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	102,554	4,204,733	SH	DFND	1 3 4	4,204,733	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	231	9,470	SH	DFND	1 4	9,470	0	0
KEURIG DR PEPPER INC	COM	49271V100	48,826	1,288,279	SH	DFND	1 3 4	1,288,279	0	0
KEURIG DR PEPPER INC	COM	49271V100	712	18,794	SH	DFND	1 4	18,794	0	0
KEYCORP	COM	493267108	23,817	1,064,188	SH	DFND	1 3 4	1,064,188	0	0
KEYCORP	COM	493267108	2,019	90,223	SH	DFND	1 4	90,223	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	33,625	212,857	SH	DFND	1 3 4	212,857	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	2,833	17,931	SH	DFND	1 4	17,931	0	0
KFORCE INC	COM	493732101	1,031	13,934	SH	DFND	1 3 4	13,934	0	0
KFORCE INC	COM	493732101	272	3,681	SH	DFND	1 4	3,681	0	0
KILROY RLTY CORP	COM	49427F108	36,837	482,034	SH	DFND	1 3 4	482,034	0	0
KILROY RLTY CORP	COM	49427F108	861	11,273	SH	DFND	1 4	11,273	0	0
KILROY RLTY CORP	COM	49427F108	472,691	6,185,436	SH	DFND	2 3 4	6,185,436	0	0
KIMBERLY-CLARK CORP	COM	494368103	47,175	383,038	SH	DFND	1 3 4	383,038	0	0
KIMBERLY-CLARK CORP	COM	494368103	1,978	16,057	SH	DFND	1 4	16,057	0	0
KIMCO RLTY CORP	COM	49446R109	1,394	56,451	SH	DFND	1 4	56,451	0	0
KIMCO RLTY CORP	COM	49446R109	17,342	702,091	SH	DFND	1 3 4	702,091	0	0
KINDER MORGAN INC DEL	COM	49456B101	48,345	2,556,606	SH	DFND	1 3 4	2,556,606	0	0
KINDER MORGAN INC DEL	COM	49456B101	990	52,349	SH	DFND	1 4	52,349	0	0
KINETIK HOLDINGS INC	COM NEW CL A	02215L209	280	4,308	SH	DFND	1 3 4	4,308	0	0
KINROSS GOLD CORP	COM	496902404	179	30,500	SH	DFND	1 3 4	30,500	0	0
KINSALE CAP GROUP INC	COM	49714P108	51,149	224,320	SH	DFND	1 3 4	224,320	0	0
KINSALE CAP GROUP INC	COM	49714P108	891	3,906	SH	DFND	1 4	3,906	0	0
KIRBY CORP	COM	497266106	14,335	198,571	SH	DFND	1 3 4	198,571	0	0
KIRBY CORP	COM	497266106	420	5,820	SH	DFND	1 4	5,820	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	16,474	723,488	SH	DFND	1 3 4	723,488	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	392	17,232	SH	DFND	1 4	17,232	0	0
KKR & CO INC	COM	48251W104	3,162	54,072	SH	DFND	1 4	54,072	0	0
KKR & CO INC	COM	48251W104	1,309,963	22,404,013	SH	DFND	1 3 4	22,404,013	0	0
KKR REAL ESTATE FIN TR INC	COM	48251K100	8,886	431,149	SH	DFND	1 3 4	431,149	0	0
KLA CORP	COM NEW	482480100	64,217	175,428	SH	DFND	1 3 4	175,428	0	0
KLA CORP	COM NEW	482480100	3,783	10,334	SH	DFND	1 4	10,334	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	41,522	822,870	SH	DFND	1 3 4	822,870	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	788	15,616	SH	DFND	1 4	15,616	0	0
KNOWBE4 INC	CL A	49926T104	45,035	1,956,351	SH	DFND	1 3 4	1,956,351	0	0
KNOWLES CORP	COM	49926D109	13,063	606,715	SH	DFND	1 3 4	606,715	0	0
KOHL'S CORP	COM	500255104	29,658	490,541	SH	DFND	1 3 4	490,541	0	0
KOHL'S CORP	COM	500255104	811	13,421	SH	DFND	1 4	13,421	0	0
KONTOOR BRANDS INC	COM	50050N103	14,338	346,751	SH	DFND	1 3 4	346,751	0	0
KONTOOR BRANDS INC	COM	50050N103	390	9,420	SH	DFND	1 4	9,420	0	0
KOPIN CORP	COM	500600101	36	14,117	SH	DFND	1 4	14,117	0	0
KOPPERS HOLDINGS INC	COM	50060P106	10,155	369,013	SH	DFND	1 3 4	369,013	0	0



KORN FERRY	COM NEW	500643200	279	4,294	SH	DFND	1 4	4,294	0	0
KORN FERRY	COM NEW	500643200	28,258	435,133	SH	DFND	1 3 4	435,133	0	0
KORNIT DIGITAL LTD	SHS	M6372Q113	1,110	13,426	SH	DFND	1 3 4	13,426	0	0
KOSMOS ENERGY LTD	COM	500688106	586	81,479	SH	DFND	1 4	81,479	0	0
KRAFT HEINZ CO	COM	500754106	31,788	807,018	SH	DFND	1 3 4	807,018	0	0
KRAFT HEINZ CO	COM	500754106	737	18,723	SH	DFND	1 4	18,723	0	0
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	258	12,603	SH	DFND	1 4	12,603	0	0
KRISPY KREME INC	COM	50101L106	191	12,837	SH	DFND	1 4	12,837	0	0
KROGER CO	COM	501044101	46,805	815,851	SH	DFND	1 3 4	815,851	0	0
KROGER CO	COM	501044101	4,077	71,059	SH	DFND	1 4	71,059	0	0
KULICKE & SOFFA INDS INC	COM	501242101	623	11,120	SH	DFND	1 4	11,120	0	0
KULICKE & SOFFA INDS INC	COM	501242101	23,106	412,451	SH	DFND	1 3 4	412,451	0	0
KYMER THERAPEUTICS INC	COM	501575104	264	6,240	SH	DFND	1 4	6,240	0	0
KYMER THERAPEUTICS INC	COM	501575104	246	5,808	SH	DFND	1 3 4	5,808	0	0
KYNDRYL HLDGS INC	COMMON STOCK	50155Q100	7,771	592,332	SH	DFND	1 3 4	592,332	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	57,082	229,732	SH	DFND	1 3 4	229,732	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	1,311	5,276	SH	DFND	1 4	5,276	0	0
LA Z BOY INC	COM	505336107	8,490	321,942	SH	DFND	1 3 4	321,942	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	34,408	130,500	SH	DFND	1 3 4	130,500	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	2,386	9,051	SH	DFND	1 4	9,051	0	0
LADDER CAP CORP	CL A	505743104	10,917	919,700	SH	DFND	1 3 4	919,700	0	0
LAKELAND BANCORP INC	COM	511637100	5,719	342,480	SH	DFND	1 3 4	342,480	0	0
LAKELAND FINL CORP	COM	511656100	15,438	211,477	SH	DFND	1 3 4	211,477	0	0
LAM RESEARCH CORP	COM	512807108	129,018	239,984	SH	DFND	1 3 4	239,984	0	0
LAM RESEARCH CORP	COM	512807108	5,154	9,587	SH	DFND	1 4	9,587	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	988	8,504	SH	DFND	1 4	8,504	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	36,296	312,411	SH	DFND	1 3 4	312,411	0	0
LAMB WESTON HLDGS INC	COM	513272104	9,661	161,258	SH	DFND	1 3 4	161,258	0	0
LAMB WESTON HLDGS INC	COM	513272104	862	14,388	SH	DFND	1 4	14,388	0	0
LANCASTER COLONY CORP	COM	513847103	9,768	65,490	SH	DFND	1 3 4	65,490	0	0
LANCASTER COLONY CORP	COM	513847103	479	3,214	SH	DFND	1 4	3,214	0	0
LANDSTAR SYS INC	COM	515098101	18,782	124,522	SH	DFND	1 3 4	124,522	0	0
LANDSTAR SYS INC	COM	515098101	565	3,744	SH	DFND	1 4	3,744	0	0
LANTHEUS HLDGS INC	COM	516544103	28,884	522,217	SH	DFND	1 3 4	522,217	0	0
LANTHEUS HLDGS INC	COM	516544103	352	6,356	SH	DFND	1 4	6,356	0	0
LAREDO PETROLEUM INC	COM	516806205	7,492	94,662	SH	DFND	1 3 4	94,662	0	0
LAS VEGAS SANDS CORP	COM	517834107	875	22,509	SH	DFND	1 4	22,509	0	0
LAS VEGAS SANDS CORP	COM	517834107	15,165	390,151	SH	DFND	1 3 4	390,151	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	27,572	452,369	SH	DFND	1 3 4	452,369	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,502	24,646	SH	DFND	1 4	24,646	0	0
LAUDER ESTEE COS INC	CL A	518439104	72,680	266,892	SH	DFND	1 3 4	266,892	0	0
LAUDER ESTEE COS INC	CL A	518439104	4,257	15,634	SH	DFND	1 4	15,634	0	0
LAZARD LTD	SHS A	G54050102	10,386	301,047	SH	DFND	1 3 4	301,047	0	0
LAZARD LTD	SHS A	G54050102	337	9,766	SH	DFND	1 4	9,766	0	0

LCI INDS	COM	50189K103	62,542	602,465	SH	DFND	1 3 4	602,465	0	0
LCI INDS	COM	50189K103	467	4,502	SH	DFND	1 4	4,502	0	0
LEAR CORP	COM NEW	521865204	833	5,841	SH	DFND	1 4	5,841	0	0
LEAR CORP	COM NEW	521865204	28,329	198,673	SH	DFND	1 3 4	198,673	0	0
LEGGETT & PLATT INC	COM	524660107	15,353	441,191	SH	DFND	1 3 4	441,191	0	0
LEGGETT & PLATT INC	COM	524660107	450	12,926	SH	DFND	1 4	12,926	0	0
LEIDOS HOLDINGS INC	COM	525327102	44,242	409,577	SH	DFND	1 3 4	409,577	0	0
LEIDOS HOLDINGS INC	COM	525327102	1,481	13,714	SH	DFND	1 4	13,714	0	0
LEMAITRE VASCULAR INC	COM	525558201	6,610	142,237	SH	DFND	1 3 4	142,237	0	0
LENDINGTREE INC NEW	COM	52603B107	9,059	75,702	SH	DFND	1 3 4	75,702	0	0
LENDINGTREE INC NEW	COM	52603B107	253	2,111	SH	DFND	1 4	2,111	0	0
LENNAR CORP	CL A	526057104	334,279	4,118,259	SH	DFND	1 3 4	4,118,259	0	0
LENNAR CORP	CL A	526057104	2,029	25,002	SH	DFND	1 4	25,002	0	0
LENNAR CORP	CL B	526057302	3,581	52,392	SH	DFND	1 3 4	52,392	0	0
LENNOX INTL INC	COM	526107107	827	3,207	SH	DFND	1 4	3,207	0	0
LENNOX INTL INC	COM	526107107	45,553	176,659	SH	DFND	1 3 4	176,659	0	0
LESLIES INC	COM	527064109	296	15,301	SH	DFND	1 4	15,301	0	0
LESLIES INC	COM	527064109	2,397	123,803	SH	DFND	1 3 4	123,803	0	0
LEVI STRAUSS & CO NEW	CL A COM STK	52736R102	2,953	149,451	SH	DFND	1 3 4	149,451	0	0
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	108	51,855	SH	DFND	1 3 4	51,855	0	0
LEXINFINTECH HLDGS LTD	ADR	528877103	128	48,961	SH	DFND	1 3 4	48,961	0	0
LGI HOMES INC	COM	50187T106	13,770	140,967	SH	DFND	1 3 4	140,967	0	0
LGI HOMES INC	COM	50187T106	383	3,922	SH	DFND	1 4	3,922	0	0
LHC GROUP INC	COM	50187A107	17,639	104,621	SH	DFND	1 3 4	104,621	0	0
LHC GROUP INC	COM	50187A107	935	5,547	SH	DFND	1 4	5,547	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	124,159	947,338	SH	DFND	1 3 4	947,338	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	304	2,319	SH	DFND	1 4	2,319	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	738,779	5,459,495	SH	DFND	1 3 4	5,459,495	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	1,855	13,711	SH	DFND	1 4	13,711	0	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	211	8,144	SH	DFND	1 3 4	8,144	0	0
LIBERTY LATIN AMERICA LTD	COM CL C	G9001E128	119	12,380	SH	DFND	1 4	12,380	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	413	9,033	SH	DFND	1 4	9,033	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	264	5,771	SH	DFND	1 3 4	5,771	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	713	15,587	SH	DFND	1 4	15,587	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	385,453	5,519,104	SH	DFND	1 3 4	5,519,104	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	1,349	19,312	SH	DFND	1 4	19,312	0	0
LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	43,737	692,817	SH	DFND	1 3 4	692,817	0	0
LIBERTY OILFIELD SVCS INC	COM CL A	53115L104	156	10,499	SH	DFND	1 4	10,499	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	24	11,625	SH	DFND	1 4	11,625	0	0
LIFE STORAGE INC	COM	53223X107	38,049	270,948	SH	DFND	1 3 4	270,948	0	0
LIFE STORAGE INC	COM	53223X107	1,112	7,919	SH	DFND	1 4	7,919	0	0
LIFE TIME GROUP HOLDINGS INC	COMMON STOCK	53190C102	53,056	3,648,969	SH	DFND	1 3 4	3,648,969	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	25,157	2,488,376	SH	DFND	1 3 4	2,488,376	0	0
LIFESTANCE HEALTH GROUP INC	COM	53228F101	104	10,303	SH	DFND	1 4	10,303	0	0
LIGAND	COM NEW	53220K504	13,771	122,416	SH	DFND	1 3 4	122,416	0	0

PHARMACEUTICALS INC										
LILLY ELI & CO	COM	532457108	396,905	1,385,985	SH	DFND	1 3 4	1,385,985	0	0
LILLY ELI & CO	COM	532457108	14,474	50,542	SH	DFND	1 4	50,542	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	53	10,104	SH	DFND	1 4	10,104	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	96,585	700,854	SH	DFND	1 3 4	700,854	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	781	5,665	SH	DFND	1 4	5,665	0	0
LINCOLN NATL CORP IND	COM	534187109	1,158	17,712	SH	DFND	1 4	17,712	0	0
LINCOLN NATL CORP IND	COM	534187109	12,465	190,712	SH	DFND	1 3 4	190,712	0	0
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	15,362	1,018,707	SH	DFND	1 3 4	1,018,707	0	0
LINDE PLC	SHS	G5494J103	323,541	1,012,596	SH	DFND	1 3 4	1,012,596	0	0
LINDSAY CORP	COM	535555106	13,685	87,162	SH	DFND	1 3 4	87,162	0	0
LINDSAY CORP	COM	535555106	295	1,878	SH	DFND	1 4	1,878	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	70	45,159	SH	DFND	1 3 4	45,159	0	0
LIQUIDITY SVCS INC	COM	53635B107	3,012	175,947	SH	DFND	1 3 4	175,947	0	0
LITHIA MTRS INC	COM	536797103	30,020	100,027	SH	DFND	1 3 4	100,027	0	0
LITHIA MTRS INC	COM	536797103	863	2,874	SH	DFND	1 4	2,874	0	0
LITHIUM AMERS CORP NEW	COM NEW	53680Q207	640	16,600	SH	DFND	1 3 4	16,600	0	0
LITTELFUSE INC	COM	537008104	105,102	421,405	SH	DFND	1 3 4	421,405	0	0
LITTELFUSE INC	COM	537008104	577	2,314	SH	DFND	1 4	2,314	0	0
LIVANOVA PLC	SHS	G5509L101	708	8,647	SH	DFND	1 4	8,647	0	0
LIVANOVA PLC	SHS	G5509L101	14,388	175,823	SH	DFND	1 3 4	175,823	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	1,576	13,394	SH	DFND	1 4	13,394	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	815,581	6,932,848	SH	DFND	1 3 4	6,932,848	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	295	5,793	SH	DFND	1 4	5,793	0	0
LIVENT CORP	COM	53814L108	27,797	1,066,254	SH	DFND	1 3 4	1,066,254	0	0
LIVENT CORP	COM	53814L108	767	29,425	SH	DFND	1 4	29,425	0	0
LIVEONE INC	COM	53814X102	8	10,062	SH	DFND	1 4	10,062	0	0
LIVEPERSON INC	COM	538146101	10,867	445,010	SH	DFND	1 3 4	445,010	0	0
LIVEPERSON INC	COM	538146101	292	11,941	SH	DFND	1 4	11,941	0	0
LIVERAMP HLDGS INC	COM	53815P108	8,410	224,938	SH	DFND	1 3 4	224,938	0	0
LKQ CORP	COM	501889208	24,308	535,299	SH	DFND	1 3 4	535,299	0	0
LKQ CORP	COM	501889208	1,200	26,436	SH	DFND	1 4	26,436	0	0
LL FLOORING HOLDINGS INC	COM	55003T107	2,690	191,876	SH	DFND	1 3 4	191,876	0	0
LOCKHEED MARTIN CORP	COM	539830109	134,374	304,426	SH	DFND	1 3 4	304,426	0	0
LOCKHEED MARTIN CORP	COM	539830109	6,767	15,331	SH	DFND	1 4	15,331	0	0
LOEWS CORP	COM	540424108	14,973	230,999	SH	DFND	1 3 4	230,999	0	0
LOEWS CORP	COM	540424108	1,317	20,324	SH	DFND	1 4	20,324	0	0
LORDSTOWN MOTORS CORP	COM CL A	54405Q100	47	13,744	SH	DFND	1 4	13,744	0	0
LOUISIANA PAC CORP	COM	546347105	18,514	298,041	SH	DFND	1 3 4	298,041	0	0
LOUISIANA PAC CORP	COM	546347105	531	8,546	SH	DFND	1 4	8,546	0	0
LOVESAC COMPANY	COM	54738L109	652	12,055	SH	DFND	1 3 4	12,055	0	0
LOWES COS INC	COM	548661107	162,385	803,131	SH	DFND	1 3 4	803,131	0	0
LOWES COS INC	COM	548661107	9,314	46,067	SH	DFND	1 4	46,067	0	0
LOYALTY VENTURES INC	COMMON STOCK	54911Q107	2,537	153,500	SH	DFND	1 3 4	153,500	0	0
LPL FINL HLDGS INC	COM	50212V100	1,634	8,942	SH	DFND	1 3 4	8,942	0	0
LPL FINL HLDGS INC	COM	50212V100	1,436	7,863	SH	DFND	1 4	7,863	0	0
LTC PPTYS INC	COM	502175102	12,280	319,216	SH	DFND	1 3 4	319,216	0	0
LUCID GROUP INC	COM	549498103	254	9,991	SH	DFND	1 3 4	9,991	0	0

LULULEMON ATHLETICA INC	COM	550021109	43,083	117,962	SH	DFND	1 3 4	117,962	0	0
LULULEMON ATHLETICA INC	COM	550021109	4,120	11,280	SH	DFND	1 4	11,280	0	0
LULUS FASHION LOUNGE HOLDING	COM	55003A108	10,672	1,573,997	SH	DFND	1 3 4	1,573,997	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	11,771	1,044,485	SH	DFND	1 3 4	1,044,485	0	0
LUMEN TECHNOLOGIES INC	COM	550241103	1,117	99,137	SH	DFND	1 4	99,137	0	0
LUMENTUM HLDGS INC	COM	55024U109	23,278	238,506	SH	DFND	1 3 4	238,506	0	0
LUMENTUM HLDGS INC	COM	55024U109	688	7,050	SH	DFND	1 4	7,050	0	0
LXP INDUSTRIAL TRUST	COM	529043101	348	22,189	SH	DFND	1 4	22,189	0	0
LXP INDUSTRIAL TRUST	COM	529043101	29,317	1,867,329	SH	DFND	1 3 4	1,867,329	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	137	27,123	SH	DFND	1 3 4	27,123	0	0
LYELL IMMUNOPHARMA INC	COM	55083R104	104	20,596	SH	DFND	1 4	20,596	0	0
LYFT INC	CL A COM	55087P104	248	6,449	SH	DFND	1 3 4	6,449	0	0
LYFT INC	CL A COM	55087P104	1,119	29,132	SH	DFND	1 4	29,132	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	35,694	347,152	SH	DFND	1 3 4	347,152	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	2,620	25,480	SH	DFND	1 4	25,480	0	0
M & T BK CORP	COM	55261F104	24,828	146,483	SH	DFND	1 3 4	146,483	0	0
M & T BK CORP	COM	55261F104	2,112	12,463	SH	DFND	1 4	12,463	0	0
M D C HLDGS INC	COM	552676108	49,948	1,319,963	SH	DFND	1 3 4	1,319,963	0	0
M D C HLDGS INC	COM	552676108	234	6,183	SH	DFND	1 4	6,183	0	0
M/I HOMES INC	COM	55305B101	8,518	192,074	SH	DFND	1 3 4	192,074	0	0
MACERICH CO	COM	554382101	267	17,047	SH	DFND	1 4	17,047	0	0
MACERICH CO	COM	554382101	11,007	703,754	SH	DFND	1 3 4	703,754	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	537	8,973	SH	DFND	1 4	8,973	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	2,307	38,534	SH	DFND	1 3 4	38,534	0	0
MACROGENICS INC	COM	556099109	2,279	258,763	SH	DFND	1 3 4	258,763	0	0
MACROGENICS INC	COM	556099109	93	10,511	SH	DFND	1 4	10,511	0	0
MACYS INC	COM	55616P104	24,083	988,615	SH	DFND	1 3 4	988,615	0	0
MACYS INC	COM	55616P104	584	23,992	SH	DFND	1 4	23,992	0	0
MADDEN STEVEN LTD	COM	556269108	21,923	567,363	SH	DFND	1 3 4	567,363	0	0
MADDEN STEVEN LTD	COM	556269108	566	14,652	SH	DFND	1 4	14,652	0	0
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	335	1,866	SH	DFND	1 4	1,866	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	210	2,138	SH	DFND	1 4	2,138	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	1,733	597,607	SH	DFND	1 3 4	597,607	0	0
MAGNA INTL INC	COM	559222401	244,019	3,794,420	SH	DFND	1 3 4	3,794,420	0	0
MAGNITE INC	COM	55955D100	312	23,581	SH	DFND	1 4	23,581	0	0
MAGNOLIA OIL & GAS CORP	CL A	559663109	619	26,188	SH	DFND	1 4	26,188	0	0
MALIBU BOATS INC	COM CL A	56117J100	220	3,796	SH	DFND	1 4	3,796	0	0
MANDIANT INC	COM	562662106	515	23,073	SH	DFND	1 4	23,073	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	88,846	640,512	SH	DFND	1 3 4	640,512	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	860	6,203	SH	DFND	1 4	6,203	0	0
MANNKIND CORP	COM NEW	56400P706	799	217,252	SH	DFND	1 3 4	217,252	0	0
MANNKIND CORP	COM NEW	56400P706	83	22,675	SH	DFND	1 4	22,675	0	0
MANPOWERGROUP INC WIS	COM	56418H100	18,766	199,808	SH	DFND	1 3 4	199,808	0	0
MANPOWERGROUP INC WIS	COM	56418H100	496	5,276	SH	DFND	1 4	5,276	0	0
MANTECH	CL A	564563104	36,304	421,212	SH	DFND	1 3 4	421,212	0	0

INTERNATIONAL CORP										
MANULIFE FINL CORP	COM	56501R106	4,355	204,041	SH	DFND	1 3 4	204,041	0	0
MARATHON DIGITAL HOLDINGS IN	COM	565788106	229	8,199	SH	DFND	1 4	8,199	0	0
MARATHON OIL CORP	COM	565849106	24,441	973,347	SH	DFND	1 3 4	973,347	0	0
MARATHON OIL CORP	COM	565849106	1,891	75,294	SH	DFND	1 4	75,294	0	0
MARATHON PETE CORP	COM	56585A102	276,427	3,233,064	SH	DFND	1 3 4	3,233,064	0	0
MARATHON PETE CORP	COM	56585A102	5,113	59,801	SH	DFND	1 4	59,801	0	0
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	17,312	490,835	SH	DFND	1 3 4	490,835	0	0
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	383	10,847	SH	DFND	1 4	10,847	0	0
MARCUS & MILLICHAP INC	COM	566324109	8,699	165,127	SH	DFND	1 3 4	165,127	0	0
MARCUS CORP DEL	COM	566330106	2,558	144,507	SH	DFND	1 3 4	144,507	0	0
MARINEMAX INC	COM	567908108	6,579	163,414	SH	DFND	1 3 4	163,414	0	0
MARKEL CORP	COM	570535104	1,955	1,325	SH	DFND	1 4	1,325	0	0
MARKEL CORP	COM	570535104	892,928	605,277	SH	DFND	1 3 4	605,277	0	0
MARKETAXESS HLDGS INC	COM	57060D108	15,985	46,986	SH	DFND	1 3 4	46,986	0	0
MARKETAXESS HLDGS INC	COM	57060D108	1,255	3,690	SH	DFND	1 4	3,690	0	0
MARQETA INC	CLASS A COM	57142B104	8,674	785,726	SH	DFND	1 3 4	785,726	0	0
MARRIOTT INTL INC NEW	CL A	571903202	54,661	311,013	SH	DFND	1 3 4	311,013	0	0
MARRIOTT INTL INC NEW	CL A	571903202	3,256	18,524	SH	DFND	1 4	18,524	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	28,346	179,742	SH	DFND	1 3 4	179,742	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	637	4,042	SH	DFND	1 4	4,042	0	0
MARRIOTT VACATIONS WORLDWIDE	COM	57164Y107	263,782	1,672,682	SH	DFND	2 3 4	1,672,682	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	22	20,023	SH	DFND	1 4	20,023	0	0
MARSH & MCLENNAN COS INC	COM	571748102	141,682	831,369	SH	DFND	1 3 4	831,369	0	0
MARSH & MCLENNAN COS INC	COM	571748102	2,757	16,176	SH	DFND	1 4	16,176	0	0
MARTEN TRANS LTD	COM	573075108	7,020	395,280	SH	DFND	1 3 4	395,280	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	403,479	1,048,297	SH	DFND	1 3 4	1,048,297	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	2,325	6,041	SH	DFND	1 4	6,041	0	0
MARVELL TECHNOLOGY INC	COM	573874104	24,248	338,147	SH	DFND	1 3 4	338,147	0	0
MARVELL TECHNOLOGY INC	COM	573874104	5,878	81,971	SH	DFND	1 4	81,971	0	0
MASCO CORP	COM	574599106	16,493	323,396	SH	DFND	1 3 4	323,396	0	0
MASCO CORP	COM	574599106	1,185	23,241	SH	DFND	1 4	23,241	0	0
MASIMO CORP	COM	574795100	24,645	169,334	SH	DFND	1 3 4	169,334	0	0
MASIMO CORP	COM	574795100	715	4,910	SH	DFND	1 4	4,910	0	0
MASONITE INTL CORP	COM	575385109	34,234	384,910	SH	DFND	1 3 4	384,910	0	0
MASONITE INTL CORP	COM	575385109	385	4,327	SH	DFND	1 4	4,327	0	0
MASTEC INC	COM	576323109	16,933	194,406	SH	DFND	1 3 4	194,406	0	0
MASTEC INC	COM	576323109	484	5,559	SH	DFND	1 4	5,559	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	1,051,081	2,941,075	SH	DFND	1 3 4	2,941,075	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	21,081	58,987	SH	DFND	1 4	58,987	0	0
MATADOR RES CO	COM	576485205	1,065	20,111	SH	DFND	1 4	20,111	0	0
MATADOR RES CO	COM	576485205	54,595	1,030,477	SH	DFND	1 3 4	1,030,477	0	0
MATCH GROUP INC NEW	COM	57667L107	34,895	320,899	SH	DFND	1 3 4	320,899	0	0
MATCH GROUP INC NEW	COM	57667L107	3,039	27,947	SH	DFND	1 4	27,947	0	0

MATERION CORP	COM	576690101	11,582	135,081	SH	DFND	1 3 4	135,081	0	0
MATERION CORP	COM	576690101	210	2,451	SH	DFND	1 4	2,451	0	0
MATSON INC	COM	57686G105	37,146	307,963	SH	DFND	1 3 4	307,963	0	0
MATSON INC	COM	57686G105	398	3,301	SH	DFND	1 4	3,301	0	0
MATTEL INC	COM	577081102	32,085	1,444,610	SH	DFND	1 3 4	1,444,610	0	0
MATTEL INC	COM	577081102	762	34,317	SH	DFND	1 4	34,317	0	0
MATTHEWS INTL CORP	CL A	577128101	7,028	217,186	SH	DFND	1 3 4	217,186	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	227	5,743	SH	DFND	1 4	5,743	0	0
MAXCYTE INC	COM	57777K106	96	13,753	SH	DFND	1 4	13,753	0	0
MAXIMUS INC	COM	577933104	16,463	219,658	SH	DFND	1 3 4	219,658	0	0
MAXIMUS INC	COM	577933104	835	11,138	SH	DFND	1 4	11,138	0	0
MAXLINEAR INC	COM	57776J100	27,202	466,182	SH	DFND	1 3 4	466,182	0	0
MAXLINEAR INC	COM	57776J100	752	12,886	SH	DFND	1 4	12,886	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	28,433	284,902	SH	DFND	1 3 4	284,902	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	2,419	24,242	SH	DFND	1 4	24,242	0	0
MCDONALDS CORP	COM	580135101	210,822	852,564	SH	DFND	1 3 4	852,564	0	0
MCDONALDS CORP	COM	580135101	6,335	25,619	SH	DFND	1 4	25,619	0	0
MCGRATH RENTCORP	COM	580589109	308	3,630	SH	DFND	1 4	3,630	0	0
MCKESSON CORP	COM	58155Q103	53,013	173,173	SH	DFND	1 3 4	173,173	0	0
MCKESSON CORP	COM	58155Q103	4,478	14,629	SH	DFND	1 4	14,629	0	0
MDU RES GROUP INC	COM	552690109	522	19,581	SH	DFND	1 4	19,581	0	0
MDU RES GROUP INC	COM	552690109	17,902	671,754	SH	DFND	1 3 4	671,754	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	96,584	4,568,840	SH	DFND	1 3 4	4,568,840	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	1,214	57,422	SH	DFND	1 4	57,422	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	351,047	16,605,813	SH	DFND	2 3 4	16,605,813	0	0
MEDIFAST INC	COM	58470H101	36,847	215,756	SH	DFND	1 3 4	215,756	0	0
MEDIFAST INC	COM	58470H101	357	2,089	SH	DFND	1 4	2,089	0	0
MEDNAX INC	COM	58502B106	14,510	617,957	SH	DFND	1 3 4	617,957	0	0
MEDNAX INC	COM	58502B106	241	10,259	SH	DFND	1 4	10,259	0	0
MEDPACE HLDGS INC	COM	58506Q109	861	5,266	SH	DFND	1 4	5,266	0	0
MEDPACE HLDGS INC	COM	58506Q109	15,537	94,976	SH	DFND	1 3 4	94,976	0	0
MEDTRONIC PLC	SHS	G5960L103	4,023	36,259	SH	DFND	1 4	36,259	0	0
MEDTRONIC PLC	SHS	G5960L103	439,904	3,964,889	SH	DFND	1 3 4	3,964,889	0	0
MEI PHARMA INC	COM NEW	55279B202	14	23,217	SH	DFND	1 4	23,217	0	0
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	152	19,942	SH	DFND	1 3 4	19,942	0	0
MERCADOLIBRE INC	COM	58733R102	4,934	4,148	SH	DFND	1 3 4	3,301	0	847
MERCER INTL INC	COM	588056101	3,716	266,414	SH	DFND	1 3 4	266,414	0	0
MERCHANTS BANCORP IND	COM	58844R108	334	12,196	SH	DFND	1 3 4	12,196	0	0
MERCK & CO INC	COM	58933Y105	607,310	7,401,703	SH	DFND	1 3 4	7,401,703	0	0
MERCK & CO INC	COM	58933Y105	5,608	68,349	SH	DFND	1 4	68,349	0	0
MERCURY GENL CORP NEW	COM	589400100	8,328	151,418	SH	DFND	1 3 4	151,418	0	0
MERCURY SYS INC	COM	589378108	349	5,416	SH	DFND	1 4	5,416	0	0
MERCURY SYS INC	COM	589378108	12,083	187,481	SH	DFND	1 3 4	187,481	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	8,064	310,617	SH	DFND	1 3 4	310,617	0	0
MERIT MED SYS INC	COM	589889104	582	8,752	SH	DFND	1 4	8,752	0	0
MERIT MED SYS INC	COM	589889104	24,582	369,550	SH	DFND	1 3 4	369,550	0	0
MERITAGE HOMES CORP	COM	59001A102	19,508	246,222	SH	DFND	1 3 4	246,222	0	0
MERITAGE HOMES CORP	COM	59001A102	251	3,174	SH	DFND	1 4	3,174	0	0
MERITOR INC	COM	59001K100	16,614	467,075	SH	DFND	1 3 4	467,075	0	0
MERITOR INC	COM	59001K100	401	11,283	SH	DFND	1 4	11,283	0	0
MERSANA	COM	59045L106	45	11,169	SH	DFND	1 4	11,169	0	0

THERAPEUTICS INC										
MESA LABS INC	COM	59064R109	28,738	112,752	SH	DFND	1 3 4	112,752	0	0
META FINL GROUP INC	COM	59100U108	12,445	226,605	SH	DFND	1 3 4	226,605	0	0
META MATERIALS INC	COM	59134N104	62	37,087	SH	DFND	1 4	37,087	0	0
META PLATFORMS INC	CL A	30303M102	1,027,365	4,620,280	SH	DFND	1 3 4	4,620,280	0	0
META PLATFORMS INC	CL A	30303M102	35,043	157,595	SH	DFND	1 4	157,595	0	0
METHANEX CORP	COM	59151K108	6,108	111,922	SH	DFND	1 3 4	111,922	0	0
METHODE ELECTRS INC	COM	591520200	11,729	271,197	SH	DFND	1 3 4	271,197	0	0
METLIFE INC	COM	59156R108	65,351	929,863	SH	DFND	1 3 4	929,863	0	0
METLIFE INC	COM	59156R108	1,326	18,863	SH	DFND	1 4	18,863	0	0
METROPOLITAN BK HLDG CORP	COM	591774104	825	8,108	SH	DFND	1 3 4	8,108	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	324,214	236,103	SH	DFND	1 3 4	236,103	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	3,079	2,242	SH	DFND	1 4	2,242	0	0
MFA FINL INC	COM	55272X102	142	35,144	SH	DFND	1 4	35,144	0	0
MGE ENERGY INC	COM	55277P104	231	2,892	SH	DFND	1 4	2,892	0	0
MGIC INVT CORP WIS	COM	552848103	420	30,991	SH	DFND	1 4	30,991	0	0
MGIC INVT CORP WIS	COM	552848103	14,670	1,082,687	SH	DFND	1 3 4	1,082,687	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	4,908	126,826	SH	DFND	1 3 4	126,826	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	196,725	5,083,345	SH	DFND	2 3 4	5,083,345	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	17,925	427,404	SH	DFND	1 3 4	427,404	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	1,539	36,686	SH	DFND	1 4	36,686	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	7,415	86,638	SH	DFND	1 3 4	86,638	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	202	2,358	SH	DFND	1 4	2,358	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	808,878	10,764,943	SH	DFND	1 3 4	10,764,943	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	4,036	53,718	SH	DFND	1 4	53,718	0	0
MICRON TECHNOLOGY INC	COM	595112103	98,975	1,270,699	SH	DFND	1 3 4	1,270,699	0	0
MICRON TECHNOLOGY INC	COM	595112103	2,852	36,610	SH	DFND	1 4	36,610	0	0
MICROSOFT CORP	COM	594918104	4,401,274	14,275,483	SH	DFND	1 3 4	14,275,483	0	0
MICROSOFT CORP	COM	594918104	158,761	514,938	SH	DFND	1 4	514,938	0	0
MICROSTRATEGY INC	CL A NEW	594972408	830	1,707	SH	DFND	1 4	1,707	0	0
MICROVISION INC DEL	COM NEW	594960304	141	30,090	SH	DFND	1 4	30,090	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	27,867	133,050	SH	DFND	1 3 4	133,050	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	2,348	11,212	SH	DFND	1 4	11,212	0	0
MIDDLEBY CORP	COM	596278101	44,456	271,171	SH	DFND	1 3 4	271,171	0	0
MIDDLEBY CORP	COM	596278101	890	5,428	SH	DFND	1 4	5,428	0	0
MIDDLESEX WTR CO	COM	596680108	15,006	142,683	SH	DFND	1 3 4	142,683	0	0
MIDDLESEX WTR CO	COM	596680108	215	2,048	SH	DFND	1 4	2,048	0	0
MIDLAND STS BANCORP INC ILL	COM	597742105	454	15,731	SH	DFND	1 3 4	15,731	0	0
MILLERKNOLL INC	COM	600544100	8,647	250,213	SH	DFND	1 3 4	250,213	0	0
MILLERKNOLL INC	COM	600544100	204	5,904	SH	DFND	1 4	5,904	0	0
MIMECAST LTD	ORD SHS	G14838109	896	11,262	SH	DFND	1 4	11,262	0	0
MIMECAST LTD	ORD SHS	G14838109	16,364	205,675	SH	DFND	1 3 4	205,675	0	0
MIMEDX GROUP INC	COM	602496101	60	12,681	SH	DFND	1 3 4	12,681	0	0
MIMEDX GROUP INC	COM	602496101	78	16,460	SH	DFND	1 4	16,460	0	0
MIND MEDICINE MINDMED INC	COM SUB VTG	60255C109	65	58,480	SH	DFND	1 4	58,480	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	8,486	128,283	SH	DFND	1 3 4	128,283	0	0
MIRATI THERAPEUTICS	COM	60468T105	490	5,962	SH	DFND	1 3 4	5,962	0	0

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MIRATI THERAPEUTICS INC	COM	60468T105	339	4,126	SH	DFND	1 4	4,126	0	0
MIRION TECHNOLOGIES INC	COM CL A	60471A101	6,445	798,680	SH	DFND	1 3 4	798,680	0	0
MIRION TECHNOLOGIES INC	*W EXP 10/20/202	60471A119	1,295	732,035	SH	DFND	1 3 4	732,035	0	0
MKS INSTRS INC	COM	55306N104	108,791	725,271	SH	DFND	1 3 4	725,271	0	0
MKS INSTRS INC	COM	55306N104	818	5,451	SH	DFND	1 4	5,451	0	0
MODERNA INC	COM	60770K107	3,972	23,057	SH	DFND	1 4	23,057	0	0
MODERNA INC	COM	60770K107	69,863	405,565	SH	DFND	1 3 4	405,565	0	0
MODINE MFG CO	COM	607828100	11,643	1,292,280	SH	DFND	1 3 4	1,292,280	0	0
MODIVCARE INC	COM	60783X104	10,039	87,003	SH	DFND	1 3 4	87,003	0	0
MOELIS & CO	CL A	60786M105	12,724	271,016	SH	DFND	1 3 4	271,016	0	0
MOELIS & CO	CL A	60786M105	390	8,307	SH	DFND	1 4	8,307	0	0
MOHAWK INDS INC	COM	608190104	7,848	63,187	SH	DFND	1 3 4	63,187	0	0
MOHAWK INDS INC	COM	608190104	666	5,366	SH	DFND	1 4	5,366	0	0
MOLINA HEALTHCARE INC	COM	60855R100	22,170	66,458	SH	DFND	1 3 4	66,458	0	0
MOLINA HEALTHCARE INC	COM	60855R100	1,882	5,642	SH	DFND	1 4	5,642	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	11,415	213,847	SH	DFND	1 3 4	213,847	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	923	17,287	SH	DFND	1 4	17,287	0	0
MOMENTIVE GLOBAL INC	COM	60878Y108	391	24,027	SH	DFND	1 4	24,027	0	0
MONARCH CASINO & RESORT INC	COM	609027107	7,558	86,640	SH	DFND	1 3 4	86,640	0	0
MONDELEZ INTL INC	CL A	609207105	99,344	1,582,421	SH	DFND	1 3 4	1,582,421	0	0
MONDELEZ INTL INC	CL A	609207105	2,337	37,218	SH	DFND	1 4	37,218	0	0
MONGODB INC	CL A	60937P106	22,122	49,870	SH	DFND	1 3 4	49,870	0	0
MONGODB INC	CL A	60937P106	2,785	6,278	SH	DFND	1 4	6,278	0	0
MONOLITHIC PWR SYS INC	COM	609839105	65,215	134,277	SH	DFND	1 3 4	134,277	0	0
MONOLITHIC PWR SYS INC	COM	609839105	2,180	4,489	SH	DFND	1 4	4,489	0	0
MONRO INC	COM	610236101	10,282	231,897	SH	DFND	1 3 4	231,897	0	0
MONRO INC	COM	610236101	211	4,758	SH	DFND	1 4	4,758	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	34,636	433,498	SH	DFND	1 3 4	433,498	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	1,933	24,197	SH	DFND	1 4	24,197	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	252	4,755	SH	DFND	1 4	4,755	0	0
MONTROSE ENVIRONMENTAL GROUP	COM	615111101	1,057	19,962	SH	DFND	1 3 4	19,962	0	0
MOODYS CORP	COM	615369105	3,613	10,708	SH	DFND	1 4	10,708	0	0
MOODYS CORP	COM	615369105	515,421	1,527,580	SH	DFND	1 3 4	1,527,580	0	0
MOOG INC	CL A	615394202	16,845	191,856	SH	DFND	1 3 4	191,856	0	0
MOOG INC	CL A	615394202	202	2,298	SH	DFND	1 4	2,298	0	0
MORGAN STANLEY	COM NEW	617446448	425,436	4,867,682	SH	DFND	1 3 4	4,867,682	0	0
MORGAN STANLEY	COM NEW	617446448	3,121	35,709	SH	DFND	1 4	35,709	0	0
MORNINGSTAR INC	COM	617700109	33,524	122,723	SH	DFND	1 3 4	122,723	0	0
MORNINGSTAR INC	COM	617700109	630	2,305	SH	DFND	1 4	2,305	0	0
MOSAIC CO NEW	COM	61945C103	34,483	518,546	SH	DFND	1 3 4	518,546	0	0
MOSAIC CO NEW	COM	61945C103	2,399	36,079	SH	DFND	1 4	36,079	0	0
MOTORCAR PTS AMER INC	COM	620071100	2,263	126,904	SH	DFND	1 3 4	126,904	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	65,150	268,991	SH	DFND	1 3 4	268,991	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	3,911	16,148	SH	DFND	1 4	16,148	0	0



MOVADO GROUP INC	COM	624580106	4,527	115,922	SH	DFND	1 3 4	115,922	0	0
MP MATERIALS CORP	COM CL A	553368101	790	13,776	SH	DFND	1 4	13,776	0	0
MR COOPER GROUP INC	COM	62482R107	28,865	632,038	SH	DFND	1 3 4	632,038	0	0
MR COOPER GROUP INC	COM	62482R107	225	4,930	SH	DFND	1 4	4,930	0	0
MSA SAFETY INC	COM	553498106	50,135	377,810	SH	DFND	1 3 4	377,810	0	0
MSA SAFETY INC	COM	553498106	480	3,618	SH	DFND	1 4	3,618	0	0
MSC INDL DIRECT INC	CL A	553530106	19,228	225,653	SH	DFND	1 3 4	225,653	0	0
MSC INDL DIRECT INC	CL A	553530106	372	4,361	SH	DFND	1 4	4,361	0	0
MSCI INC	COM	55354G100	336,757	669,656	SH	DFND	1 3 4	669,656	0	0
MSCI INC	COM	55354G100	3,921	7,798	SH	DFND	1 4	7,798	0	0
MUELLER INDS INC	COM	624756102	21,900	404,286	SH	DFND	1 3 4	404,286	0	0
MUELLER INDS INC	COM	624756102	363	6,706	SH	DFND	1 4	6,706	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	3,257	252,101	SH	DFND	1 3 4	252,101	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	173	13,425	SH	DFND	1 4	13,425	0	0
MULTIPLAN CORPORATION	COM	62548M100	364	77,722	SH	DFND	1 3 4	77,722	0	0
MULTIPLAN CORPORATION	COM	62548M100	145	31,060	SH	DFND	1 4	31,060	0	0
MURPHY OIL CORP	COM	626717102	19,373	479,639	SH	DFND	1 3 4	479,639	0	0
MURPHY OIL CORP	COM	626717102	470	11,634	SH	DFND	1 4	11,634	0	0
MURPHY USA INC	COM	626755102	18,521	92,623	SH	DFND	1 3 4	92,623	0	0
MURPHY USA INC	COM	626755102	847	4,237	SH	DFND	1 4	4,237	0	0
MUSTANG BIO INC	COM	62818Q104	10	10,257	SH	DFND	1 3 4	10,257	0	0
MYERS INDS INC	COM	628464109	5,555	257,165	SH	DFND	1 3 4	257,165	0	0
MYR GROUP INC DEL	COM	55405W104	52,624	559,598	SH	DFND	1 3 4	559,598	0	0
MYR GROUP INC DEL	COM	55405W104	243	2,582	SH	DFND	1 4	2,582	0	0
MYRIAD GENETICS INC	COM	62855J104	14,477	574,498	SH	DFND	1 3 4	574,498	0	0
NABORS INDUSTRIES LTD	SHS	G6359F137	7,809	51,135	SH	DFND	1 3 4	51,135	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	273	7,869	SH	DFND	1 4	7,869	0	0
NASDAQ INC	COM	631103108	66,009	370,419	SH	DFND	1 3 4	370,419	0	0
NASDAQ INC	COM	631103108	2,015	11,307	SH	DFND	1 4	11,307	0	0
NATERA INC	COM	632307104	30,497	749,685	SH	DFND	1 3 4	749,685	0	0
NATERA INC	COM	632307104	333	8,187	SH	DFND	1 4	8,187	0	0
NATIONAL BEVERAGE CORP	COM	635017106	6,707	154,187	SH	DFND	1 3 4	154,187	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	7,978	198,066	SH	DFND	1 3 4	198,066	0	0
NATIONAL FUEL GAS CO	COM	636180101	23,560	342,945	SH	DFND	1 3 4	342,945	0	0
NATIONAL FUEL GAS CO	COM	636180101	582	8,474	SH	DFND	1 4	8,474	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	3,420	57,951	SH	DFND	1 3 4	57,951	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	205	3,474	SH	DFND	1 4	3,474	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	330	4,699	SH	DFND	1 3 4	4,699	0	0
NATIONAL INSTRS CORP	COM	636518102	17,683	435,661	SH	DFND	1 3 4	435,661	0	0
NATIONAL INSTRS CORP	COM	636518102	520	12,817	SH	DFND	1 4	12,817	0	0
NATIONAL PRESTO INDS INC	COM	637215104	2,578	33,504	SH	DFND	1 3 4	33,504	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	26,132	581,496	SH	DFND	1 3 4	581,496	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	761	16,925	SH	DFND	1 4	16,925	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	23,650	376,826	SH	DFND	1 3 4	376,826	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	926	14,754	SH	DFND	1 4	14,754	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	5,547	88,378	SH	DFND	2 3 4	88,378	0	0

NATIONAL VISION HLDGS INC	COM	63845R107	656	15,056	SH	DFND	1 4	15,056	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	2,510	57,605	SH	DFND	1 3 4	57,605	0	0
NATUS MED INC DEL	COM	639050103	6,240	237,430	SH	DFND	1 3 4	237,430	0	0
NAUTILUS BIOTECHNOLOGY INC	COM	63909J108	61	14,061	SH	DFND	1 3 4	14,061	0	0
NAVIENT CORPORATION	COM	63938C108	13,517	793,245	SH	DFND	1 3 4	793,245	0	0
NAVIENT CORPORATION	COM	63938C108	205	12,003	SH	DFND	1 4	12,003	0	0
NBT BANCORP INC	COM	628778102	10,351	286,504	SH	DFND	1 3 4	286,504	0	0
NCINO INC	COM	63947X101	226	5,523	SH	DFND	1 4	5,523	0	0
NCR CORP NEW	COM	62886E108	17,525	436,050	SH	DFND	1 3 4	436,050	0	0
NCR CORP NEW	COM	62886E108	507	12,615	SH	DFND	1 4	12,615	0	0
NEENAH INC	COM	640079109	4,796	120,927	SH	DFND	1 3 4	120,927	0	0
NEKTAR THERAPEUTICS	COM	640268108	6,674	1,238,238	SH	DFND	1 3 4	1,238,238	0	0
NEKTAR THERAPEUTICS	COM	640268108	94	17,363	SH	DFND	1 4	17,363	0	0
NEOGEN CORP	COM	640491106	12,328	399,728	SH	DFND	1 3 4	399,728	0	0
NEOGEN CORP	COM	640491106	582	18,887	SH	DFND	1 4	18,887	0	0
NEOGENOMICS INC	COM NEW	64049M209	10,042	826,461	SH	DFND	1 3 4	826,461	0	0
NEOGENOMICS INC	COM NEW	64049M209	250	20,589	SH	DFND	1 4	20,589	0	0
NETAPP INC	COM	64110D104	21,078	253,950	SH	DFND	1 3 4	253,950	0	0
NETAPP INC	COM	64110D104	1,815	21,871	SH	DFND	1 4	21,871	0	0
NETFLIX INC	COM	64110L106	538,468	1,437,487	SH	DFND	1 3 4	1,437,487	0	0
NETFLIX INC	COM	64110L106	11,054	29,509	SH	DFND	1 4	29,509	0	0
NETGEAR INC	COM	64111Q104	4,771	193,303	SH	DFND	1 3 4	193,303	0	0
NETSCOUT SYS INC	COM	64115T104	15,641	487,576	SH	DFND	1 3 4	487,576	0	0
NETSTREIT CORP	COM	64119V303	1,171	52,167	SH	DFND	1 3 4	52,167	0	0
NETSTREIT CORP	COM	64119V303	43,699	1,947,335	SH	DFND	2 3 4	1,947,335	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	29,595	315,676	SH	DFND	1 3 4	315,676	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	868	9,263	SH	DFND	1 4	9,263	0	0
NEURONETICS INC	COM	64131A105	73	24,145	SH	DFND	1 3 4	24,145	0	0
NEVRO CORP	COM	64157F103	31,594	436,793	SH	DFND	1 3 4	436,793	0	0
NEVRO CORP	COM	64157F103	454	6,283	SH	DFND	1 4	6,283	0	0
NEW JERSEY RES CORP	COM	646025106	14,553	317,332	SH	DFND	1 3 4	317,332	0	0
NEW JERSEY RES CORP	COM	646025106	352	7,671	SH	DFND	1 4	7,671	0	0
NEW RELIC INC	COM	64829B100	342	5,110	SH	DFND	1 4	5,110	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,181	107,552	SH	DFND	1 3 4	107,552	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	462	42,036	SH	DFND	1 4	42,036	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	16,467	1,536,145	SH	DFND	1 3 4	1,536,145	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	469	43,771	SH	DFND	1 4	43,771	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	9,140	2,504,045	SH	DFND	1 3 4	2,504,045	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	111	30,414	SH	DFND	1 4	30,414	0	0
NEW YORK TIMES CO	CL A	650111107	25,303	551,981	SH	DFND	1 3 4	551,981	0	0
NEW YORK TIMES CO	CL A	650111107	734	16,012	SH	DFND	1 4	16,012	0	0
NEWAGE INC	COM	650194103	10	16,996	SH	DFND	1 4	16,996	0	0
NEWELL BRANDS INC	COM	651229106	9,238	431,483	SH	DFND	1 3 4	431,483	0	0
NEWELL BRANDS INC	COM	651229106	791	36,946	SH	DFND	1 4	36,946	0	0
NEWMARK GROUP INC	CL A	65158N102	1,046	65,705	SH	DFND	1 3 4	65,705	0	0
NEWMARK GROUP INC	CL A	65158N102	486	30,527	SH	DFND	1 4	30,527	0	0
NEWMARKET CORP	COM	651587107	9,794	30,193	SH	DFND	1 3 4	30,193	0	0
NEWMARKET CORP	COM	651587107	207	638	SH	DFND	1 4	638	0	0
NEWMONT CORP	COM	651639106	1,714	21,568	SH	DFND	1 4	21,568	0	0
NEWMONT CORP	COM	651639106	84,507	1,063,649	SH	DFND	1 3 4	1,063,649	0	0
NEWS CORP NEW	CL A	65249B109	9,826	443,608	SH	DFND	1 3 4	443,608	0	0
NEWS CORP NEW	CL A	65249B109	840	37,936	SH	DFND	1 4	37,936	0	0
NEWS CORP NEW	CL B	65249B208	3,028	134,462	SH	DFND	1 3 4	134,462	0	0

NEWS CORP NEW	CL B	65249B208	265	11,772	SH	DFND	1 4	11,772	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	16,583	183,623	SH	DFND	1 3 4	183,623	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	201	2,225	SH	DFND	1 4	2,225	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	29,004	153,886	SH	DFND	1 3 4	153,886	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	722	3,831	SH	DFND	1 4	3,831	0	0
NEXTERA ENERGY INC	COM	65339F101	460,781	5,439,504	SH	DFND	1 3 4	5,439,504	0	0
NEXTERA ENERGY INC	COM	65339F101	4,482	52,905	SH	DFND	1 4	52,905	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	8,487	405,905	SH	DFND	1 3 4	405,905	0	0
NEXTier OILFIELD SOLUTIONS	COM	65290C105	146	15,764	SH	DFND	1 4	15,764	0	0
NICE LTD	SPONSORED ADR	653656108	46,853	213,942	SH	DFND	1 3 4	208,651	0	5,291
NIELSEN HLDGS PLC	SHS EUR	G6518L108	10,854	398,455	SH	DFND	1 3 4	398,455	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	948	34,796	SH	DFND	1 4	34,796	0	0
NIKE INC	CL B	654106103	396,343	2,945,480	SH	DFND	1 3 4	2,945,480	0	0
NIKE INC	CL B	654106103	11,391	84,651	SH	DFND	1 4	84,651	0	0
NIKOLA CORP	COM	654110105	444	41,491	SH	DFND	1 4	41,491	0	0
NIO INC	SPON ADS	62914V106	6,817	323,833	SH	DFND	1 3 4	323,833	0	0
NISOURCE INC	COM	65473P105	61,474	1,933,117	SH	DFND	1 3 4	1,933,117	0	0
NISOURCE INC	COM	65473P105	1,206	37,934	SH	DFND	1 4	37,934	0	0
NLIGHT INC	COM	65487K100	3,250	187,400	SH	DFND	1 3 4	187,400	0	0
NMI HLDGS INC	CL A	629209305	11,676	566,240	SH	DFND	1 3 4	566,240	0	0
NORDIC AMERICAN TANKERS LIMi	COM	G65773106	28	13,348	SH	DFND	1 4	13,348	0	0
NORDSON CORP	COM	655663102	82,368	362,726	SH	DFND	1 3 4	362,726	0	0
NORDSON CORP	COM	655663102	1,291	5,686	SH	DFND	1 4	5,686	0	0
NORDSTROM INC	COM	655664100	9,987	368,393	SH	DFND	1 3 4	368,393	0	0
NORDSTROM INC	COM	655664100	304	11,213	SH	DFND	1 4	11,213	0	0
NORFOLK SOUTHN CORP	COM	655844108	79,084	277,274	SH	DFND	1 3 4	277,274	0	0
NORFOLK SOUTHN CORP	COM	655844108	1,843	6,461	SH	DFND	1 4	6,461	0	0
NORTHERN TR CORP	COM	665859104	27,492	236,088	SH	DFND	1 3 4	236,088	0	0
NORTHERN TR CORP	COM	665859104	2,323	19,946	SH	DFND	1 4	19,946	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	4,825	335,985	SH	DFND	1 3 4	335,985	0	0
NORTHROP GRUMMAN CORP	COM	666807102	85,005	190,075	SH	DFND	1 3 4	190,075	0	0
NORTHROP GRUMMAN CORP	COM	666807102	2,010	4,495	SH	DFND	1 4	4,495	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	11,304	836,735	SH	DFND	1 3 4	836,735	0	0
NORTHWEST NAT HLDG CO	COM	66765N105	10,504	203,094	SH	DFND	1 3 4	203,094	0	0
NORTHWESTERN CORP	COM NEW	668074305	261	4,307	SH	DFND	1 4	4,307	0	0
NORTHWESTERN CORP	COM NEW	668074305	10,807	178,654	SH	DFND	1 3 4	178,654	0	0
NORTONLIFELOCK INC	COM	668771108	17,564	662,298	SH	DFND	1 3 4	662,298	0	0
NORTONLIFELOCK INC	COM	668771108	1,435	54,109	SH	DFND	1 4	54,109	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	10,130	462,969	SH	DFND	1 3 4	462,969	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	783	35,798	SH	DFND	1 4	35,798	0	0
NOV INC	COM	62955J103	25,437	1,297,139	SH	DFND	1 3 4	1,297,139	0	0
NOV INC	COM	62955J103	743	37,864	SH	DFND	1 4	37,864	0	0
NOVA LTD	COM	M7516K103	30,797	282,853	SH	DFND	1 3 4	282,853	0	0
NOVAGOLD RES INC	COM NEW	66987E206	333	43,075	SH	DFND	1 4	43,075	0	0
NOVANTA INC	COM	67000B104	912	6,408	SH	DFND	1 4	6,408	0	0
NOVARTIS AG	SPONSORED ADR	66987V109	201,220	2,293,107	SH	DFND	1 3 4	2,293,107	0	0
NOVAVAX INC	COM NEW	670002401	762	10,343	SH	DFND	1 3 4	10,343	0	0

NOVAVAX INC	COM NEW	670002401	548	7,446	SH	DFND	1 4	7,446	0	0
NOVOCURE LTD	ORD SHS	G6674U108	1,178	14,221	SH	DFND	1 3 4	14,221	0	0
NOVOCURE LTD	ORD SHS	G6674U108	838	10,112	SH	DFND	1 4	10,112	0	0
NOW INC	COM	67011P100	8,044	729,288	SH	DFND	1 3 4	729,288	0	0
NRG ENERGY INC	COM NEW	629377508	13,286	346,346	SH	DFND	1 3 4	346,346	0	0
NRG ENERGY INC	COM NEW	629377508	914	23,831	SH	DFND	1 4	23,831	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	9,319	194,632	SH	DFND	1 3 4	194,632	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	300	6,263	SH	DFND	1 4	6,263	0	0
NUCOR CORP	COM	670346105	53,662	360,997	SH	DFND	1 3 4	360,997	0	0
NUCOR CORP	COM	670346105	3,935	26,473	SH	DFND	1 4	26,473	0	0
NUTANIX INC	CL A	67059N108	5,206	194,091	SH	DFND	1 3 4	194,091	0	0
NUTANIX INC	CL A	67059N108	561	20,926	SH	DFND	1 4	20,926	0	0
NUTRIEN LTD	COM	67077M108	84,108	812,992	SH	DFND	1 3 4	782,692	0	30,300
NUVASIVE INC	COM	670704105	13,773	242,904	SH	DFND	1 3 4	242,904	0	0
NUVASIVE INC	COM	670704105	533	9,407	SH	DFND	1 4	9,407	0	0
NUVATION BIO INC	COM CL A	67080N101	129	24,559	SH	DFND	1 3 4	24,559	0	0
NUVATION BIO INC	COM CL A	67080N101	139	26,500	SH	DFND	1 4	26,500	0	0
NV5 GLOBAL INC	COM	62945V109	11,403	85,541	SH	DFND	1 3 4	85,541	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	62,651	1,801,314	SH	DFND	1 3 4	1,801,314	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	562	16,172	SH	DFND	1 4	16,172	0	0
NVIDIA CORPORATION	COM	67066G104	1,150,453	4,216,276	SH	DFND	1 3 4	4,216,276	0	0
NVIDIA CORPORATION	COM	67066G104	44,604	163,468	SH	DFND	1 4	163,468	0	0
NVR INC	COM	62944T105	378,757	84,785	SH	DFND	1 3 4	84,785	0	0
NVR INC	COM	62944T105	1,394	312	SH	DFND	1 4	312	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	1,938	10,469	SH	DFND	1 4	10,469	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	66,185	357,606	SH	DFND	1 3 4	357,606	0	0
OAK STR HEALTH INC	COM	67181A107	750	27,891	SH	DFND	1 3 4	27,891	0	0
OAK STR HEALTH INC	COM	67181A107	261	9,699	SH	DFND	1 4	9,699	0	0
OASIS PETROLEUM INC	COM NEW	674215207	3,345	22,866	SH	DFND	1 3 4	22,866	0	0
OASIS PETROLEUM INC	COM NEW	674215207	484	3,308	SH	DFND	1 4	3,308	0	0
OCCIDENTAL PETE CORP	COM	674599105	63,572	1,120,402	SH	DFND	1 3 4	1,120,402	0	0
OCCIDENTAL PETE CORP	COM	674599105	4,671	82,329	SH	DFND	1 4	82,329	0	0
OCEANEERING INTL INC	COM	675232102	10,781	711,125	SH	DFND	1 3 4	711,125	0	0
OCEANFIRST FINL CORP	COM	675234108	843	41,918	SH	DFND	1 3 4	41,918	0	0
OCUGEN INC	COM	67577C105	112	33,804	SH	DFND	1 4	33,804	0	0
OCUGEN INC	COM	67577C105	74	22,521	SH	DFND	1 3 4	22,521	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	69	14,035	SH	DFND	1 4	14,035	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	8,227	319,732	SH	DFND	1 3 4	319,732	0	0
OFB BANCORP	COM	67103X102	8,741	328,124	SH	DFND	1 3 4	328,124	0	0
OGE ENERGY CORP	COM	670837103	27,293	669,285	SH	DFND	1 3 4	669,285	0	0
OGE ENERGY CORP	COM	670837103	793	19,456	SH	DFND	1 4	19,456	0	0
O-I GLASS INC	COM	67098H104	13,537	1,027,111	SH	DFND	1 3 4	1,027,111	0	0
O-I GLASS INC	COM	67098H104	373	28,277	SH	DFND	1 4	28,277	0	0
OIL STS INTL INC	COM	678026105	2,814	404,860	SH	DFND	1 3 4	404,860	0	0
OKTA INC	CL A	679295105	541	3,583	SH	DFND	1 3 4	3,583	0	0
OKTA INC	CL A	679295105	1,881	12,462	SH	DFND	1 4	12,462	0	0
OLAPLEX HLDGS INC	COM	679369108	305	19,500	SH	DFND	1 3 4	19,500	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	34,499	115,504	SH	DFND	1 3 4	115,504	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	3,016	10,097	SH	DFND	1 4	10,097	0	0
OLD NATL BANCORP IND	COM	680033107	383	23,371	SH	DFND	1 4	23,371	0	0
OLD NATL BANCORP IND	COM	680033107	15,975	975,255	SH	DFND	1 3 4	975,255	0	0

OLD REP INTL CORP	COM	680223104	32,333	1,249,807	SH	DFND	1 3 4	1,249,807	0	0
OLD REP INTL CORP	COM	680223104	703	27,186	SH	DFND	1 4	27,186	0	0
OLIN CORP	COM PAR \$1	680665205	30,005	573,936	SH	DFND	1 3 4	573,936	0	0
OLIN CORP	COM PAR \$1	680665205	734	14,031	SH	DFND	1 4	14,031	0	0
OLINK HLDG AB	SPONSORED ADS	680710100	8,275	468,605	SH	DFND	1 3 4	468,605	0	0
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	8,331	193,934	SH	DFND	1 3 4	193,934	0	0
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	265	6,162	SH	DFND	1 4	6,162	0	0
OLYMPIC STEEL INC	COM	68162K106	2,365	61,501	SH	DFND	1 3 4	61,501	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	24,599	789,432	SH	DFND	1 3 4	789,432	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	719	23,082	SH	DFND	1 4	23,082	0	0
OMEROS CORP	COM	682143102	66	11,038	SH	DFND	1 4	11,038	0	0
OMNICELL COM	COM	68213N109	37,742	291,464	SH	DFND	1 3 4	291,464	0	0
OMNICELL COM	COM	68213N109	1,029	7,950	SH	DFND	1 4	7,950	0	0
OMNICOM GROUP INC	COM	681919106	20,224	238,261	SH	DFND	1 3 4	238,261	0	0
OMNICOM GROUP INC	COM	681919106	1,708	20,120	SH	DFND	1 4	20,120	0	0
ON SEMICONDUCTOR CORP	COM	682189105	10,462	167,096	SH	DFND	1 3 4	167,096	0	0
ON SEMICONDUCTOR CORP	COM	682189105	2,600	41,527	SH	DFND	1 4	41,527	0	0
ONCTERNAL THERAPEUTICS INC	COM	68236P107	44	31,956	SH	DFND	1 3 4	31,956	0	0
ONE GAS INC	COM	68235P108	15,621	177,023	SH	DFND	1 3 4	177,023	0	0
ONE GAS INC	COM	68235P108	369	4,187	SH	DFND	1 4	4,187	0	0
ONE LIBERTY PPTYS INC	COM	682406103	273	8,851	SH	DFND	1 3 4	8,851	0	0
ONEMAIN HLDGS INC	COM	68268W103	7,251	152,933	SH	DFND	1 3 4	152,933	0	0
ONEMAIN HLDGS INC	COM	68268W103	504	10,622	SH	DFND	1 4	10,622	0	0
ONEOK INC NEW	COM	682680103	37,896	536,541	SH	DFND	1 3 4	536,541	0	0
ONEOK INC NEW	COM	682680103	3,045	43,112	SH	DFND	1 4	43,112	0	0
ONESPAN INC	COM	68287N100	3,274	226,723	SH	DFND	1 3 4	226,723	0	0
ONTO INNOVATION INC	COM	683344105	30,473	350,711	SH	DFND	1 3 4	350,711	0	0
ONTO INNOVATION INC	COM	683344105	473	5,444	SH	DFND	1 4	5,444	0	0
OPEN LENDING CORP	COM CL A	68373J104	358	18,935	SH	DFND	1 4	18,935	0	0
OPEN TEXT CORP	COM	683715106	10,137	238,851	SH	DFND	1 3 4	238,851	0	0
OPENDOOR TECHNOLOGIES INC	COM	683712103	376	43,476	SH	DFND	1 4	43,476	0	0
OPKO HEALTH INC	COM	68375N103	1,115	324,041	SH	DFND	1 3 4	324,041	0	0
OPKO HEALTH INC	COM	68375N103	110	31,999	SH	DFND	1 4	31,999	0	0
OPTIMIZERX CORP	COM NEW	68401U204	4,797	127,217	SH	DFND	1 3 4	127,217	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	362	12,668	SH	DFND	1 4	12,668	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	28,777	1,007,601	SH	DFND	1 3 4	1,007,601	0	0
ORACLE CORP	COM	68389X105	182,059	2,200,640	SH	DFND	1 3 4	2,200,640	0	0
ORACLE CORP	COM	68389X105	8,738	105,624	SH	DFND	1 4	105,624	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	3,277	483,347	SH	DFND	1 3 4	483,347	0	0
ORCHID IS CAP INC	COM	68571X103	35	10,827	SH	DFND	1 4	10,827	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	1,126,708	1,644,924	SH	DFND	1 3 4	1,644,924	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	4,463	6,515	SH	DFND	1 4	6,515	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	3,577	469,399	SH	DFND	1 3 4	469,399	0	0
ORGANOGENESIS HLDGS INC	COM	68621F102	96	12,610	SH	DFND	1 4	12,610	0	0
ORGANON & CO	COMMON STOCK	68622V106	861	24,642	SH	DFND	1 4	24,642	0	0
ORGANON & CO	COMMON STOCK	68622V106	32,243	923,077	SH	DFND	1 3 4	923,077	0	0

ORIGIN BANCORP INC	COM	68621T102	419	9,902	SH	DFND	1 3 4	9,902	0	0
ORION ENGINEERED CARBONS S A	COM	L72967109	177	11,095	SH	DFND	1 4	11,095	0	0
ORION OFFICE REIT INC	COM	68629Y103	5,248	374,863	SH	DFND	1 3 4	374,863	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	296	3,612	SH	DFND	1 4	3,612	0	0
ORTHO CLINICAL DIAGNOSTICS H	ORD SHS	G6829J107	408	21,871	SH	DFND	1 4	21,871	0	0
ORTHOFIX MED INC	COM	68752M108	4,590	140,367	SH	DFND	1 3 4	140,367	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	510	9,446	SH	DFND	1 3 4	9,446	0	0
OSHKOSH CORP	COM	688239201	22,661	225,144	SH	DFND	1 3 4	225,144	0	0
OSHKOSH CORP	COM	688239201	654	6,493	SH	DFND	1 4	6,493	0	0
OSI SYSTEMS INC	COM	671044105	10,950	128,641	SH	DFND	1 3 4	128,641	0	0
OTIS WORLDWIDE CORP	COM	68902V107	3,183	41,369	SH	DFND	1 4	41,369	0	0
OTIS WORLDWIDE CORP	COM	68902V107	37,236	483,903	SH	DFND	1 3 4	483,903	0	0
OTTER TAIL CORP	COM	689648103	204	3,267	SH	DFND	1 4	3,267	0	0
OTTER TAIL CORP	COM	689648103	1,130	18,084	SH	DFND	1 3 4	18,084	0	0
OUSTER INC	COM	68989M103	104	23,164	SH	DFND	1 4	23,164	0	0
OUTFRONT MEDIA INC	COM	69007J106	414	14,559	SH	DFND	1 4	14,559	0	0
OUTLOOK THERAPEUTICS INC	COM NEW	69012T206	35	19,867	SH	DFND	1 3 4	19,867	0	0
OUTLOOK THERAPEUTICS INC	COM NEW	69012T206	37	20,682	SH	DFND	1 4	20,682	0	0
OUTSET MED INC	COM	690145107	238	5,249	SH	DFND	1 3 4	5,249	0	0
OUTSET MED INC	COM	690145107	386	8,509	SH	DFND	1 4	8,509	0	0
OVERSTOCK COM INC DEL	COM	690370101	344	7,807	SH	DFND	1 4	7,807	0	0
OVINTIV INC	COM	69047Q102	2,133	39,427	SH	DFND	1 3 4	39,427	0	0
OVINTIV INC	COM	69047Q102	1,209	22,369	SH	DFND	1 4	22,369	0	0
OWENS & MINOR INC NEW	COM	690732102	25,719	584,253	SH	DFND	1 3 4	584,253	0	0
OWENS & MINOR INC NEW	COM	690732102	524	11,905	SH	DFND	1 4	11,905	0	0
OWENS CORNING NEW	COM	690742101	892	9,744	SH	DFND	1 4	9,744	0	0
OWENS CORNING NEW	COM	690742101	32,243	352,387	SH	DFND	1 3 4	352,387	0	0
OXFORD INDS INC	COM	691497309	10,282	113,617	SH	DFND	1 3 4	113,617	0	0
PACCAR INC	COM	693718108	327,363	3,717,071	SH	DFND	1 3 4	3,717,071	0	0
PACCAR INC	COM	693718108	2,916	33,112	SH	DFND	1 4	33,112	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	206	22,652	SH	DFND	1 3 4	22,652	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	225	24,727	SH	DFND	1 4	24,727	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	24,124	682,434	SH	DFND	1 3 4	682,434	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	316	8,947	SH	DFND	1 4	8,947	0	0
PACIRA BIOSCIENCES INC	COM	695127100	612	8,020	SH	DFND	1 4	8,020	0	0
PACIRA BIOSCIENCES INC	COM	695127100	25,472	333,748	SH	DFND	1 3 4	333,748	0	0
PACKAGING CORP AMER	COM	695156109	1,425	9,131	SH	DFND	1 4	9,131	0	0
PACKAGING CORP AMER	COM	695156109	63,630	407,599	SH	DFND	1 3 4	407,599	0	0
PACWEST BANCORP DEL	COM	695263103	17,040	395,073	SH	DFND	1 3 4	395,073	0	0
PACWEST BANCORP DEL	COM	695263103	489	11,344	SH	DFND	1 4	11,344	0	0
PAGERDUTY INC	COM	69553P100	514	15,030	SH	DFND	1 4	15,030	0	0
PALANTIR TECHNOLOGIES INC	CL A	69608A108	540	39,340	SH	DFND	1 3 4	39,340	0	0
PALANTIR TECHNOLOGIES INC	CL A	69608A108	2,254	164,164	SH	DFND	1 4	164,164	0	0
PALO ALTO NETWORKS INC	COM	697435105	30,794	49,467	SH	DFND	1 3 4	49,467	0	0

PALO ALTO NETWORKS INC	COM	697435105	5,964	9,580	SH	DFND	1 4	9,580	0	0
PALOMAR HLDGS INC	COM	69753M105	10,198	159,363	SH	DFND	1 3 4	159,363	0	0
PALOMAR HLDGS INC	COM	69753M105	286	4,463	SH	DFND	1 4	4,463	0	0
PANGAEA LOGISTICS SOLUTION L	SHS	G6891L105	156	27,984	SH	DFND	1 3 4	27,984	0	0
PAPA JOHNS INTL INC	COM	698813102	54,115	514,008	SH	DFND	1 3 4	514,008	0	0
PAPA JOHNS INTL INC	COM	698813102	633	6,008	SH	DFND	1 4	6,008	0	0
PAR PAC HOLDINGS INC	COM NEW	69888T207	3,929	301,753	SH	DFND	1 3 4	301,753	0	0
PARAMOUNT GLOBAL	CLASS B COM	92556H206	26,585	703,127	SH	DFND	1 3 4	703,127	0	0
PARAMOUNT GLOBAL	CLASS B COM	92556H206	2,142	56,648	SH	DFND	1 4	56,648	0	0
PARAMOUNT GROUP INC	COM	69924R108	162	14,821	SH	DFND	1 4	14,821	0	0
PARATEK PHARMACEUTICALS INC	COM	699374302	99	33,301	SH	DFND	1 3 4	33,301	0	0
PARK AEROSPACE CORP	COM	70014A104	1,678	128,568	SH	DFND	1 3 4	128,568	0	0
PARK HOTELS & RESORTS INC	COM	700517105	18,164	930,056	SH	DFND	1 3 4	930,056	0	0
PARK HOTELS & RESORTS INC	COM	700517105	445	22,798	SH	DFND	1 4	22,798	0	0
PARK HOTELS & RESORTS INC	COM	700517105	151,023	7,732,894	SH	DFND	2 3 4	7,732,894	0	0
PARK NATL CORP	COM	700658107	12,533	95,396	SH	DFND	1 3 4	95,396	0	0
PARKER-HANNIFIN CORP	COM	701094104	3,556	12,530	SH	DFND	1 4	12,530	0	0
PARKER-HANNIFIN CORP	COM	701094104	320,017	1,127,775	SH	DFND	1 3 4	1,127,775	0	0
PARTY CITY HOLDCO INC	COM	702149105	72	20,237	SH	DFND	1 4	20,237	0	0
PATRICK INDS INC	COM	703343103	9,794	162,418	SH	DFND	1 3 4	162,418	0	0
PATRICK INDS INC	COM	703343103	249	4,126	SH	DFND	1 4	4,126	0	0
PATTERSON COS INC	COM	703395103	12,984	401,103	SH	DFND	1 3 4	401,103	0	0
PATTERSON COS INC	COM	703395103	293	9,060	SH	DFND	1 4	9,060	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	21,975	1,419,564	SH	DFND	1 3 4	1,419,564	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	229	14,808	SH	DFND	1 4	14,808	0	0
PAVMED INC	COM	70387R106	18	13,342	SH	DFND	1 4	13,342	0	0
PAYA HOLDINGS INC	COM CL A	70434P103	92	15,683	SH	DFND	1 4	15,683	0	0
PAYCHEX INC	COM	704326107	55,402	405,963	SH	DFND	1 3 4	405,963	0	0
PAYCHEX INC	COM	704326107	4,338	31,790	SH	DFND	1 4	31,790	0	0
PAYCOM SOFTWARE INC	COM	70432V102	1,678	4,844	SH	DFND	1 4	4,844	0	0
PAYCOM SOFTWARE INC	COM	70432V102	19,027	54,932	SH	DFND	1 3 4	54,932	0	0
PAYCOR HCM INC	COM	70435P102	1,550	53,239	SH	DFND	1 3 4	53,239	0	0
PAYLOCITY HLDG CORP	COM	70438V106	34,063	165,540	SH	DFND	1 3 4	165,540	0	0
PAYLOCITY HLDG CORP	COM	70438V106	802	3,897	SH	DFND	1 4	3,897	0	0
PAYMENTUS HOLDINGS INC	COM CL A	70439P108	13,868	657,901	SH	DFND	1 3 4	657,901	0	0
PAYPAL HLDGS INC	COM	70450Y103	460,427	3,981,211	SH	DFND	1 3 4	3,981,211	0	0
PAYPAL HLDGS INC	COM	70450Y103	9,285	80,288	SH	DFND	1 4	80,288	0	0
PAYSAFE LIMITED	ORD	G6964L107	118	34,846	SH	DFND	1 4	34,846	0	0
PBF ENERGY INC	CL A	69318G106	15,278	626,924	SH	DFND	1 3 4	626,924	0	0
PC CONNECTION INC	COM	69318J100	4,190	79,975	SH	DFND	1 3 4	79,975	0	0
PDC ENERGY INC	COM	69327R101	118,944	1,636,533	SH	DFND	1 3 4	1,636,533	0	0
PDC ENERGY INC	COM	69327R101	563	7,740	SH	DFND	1 4	7,740	0	0
PDF SOLUTIONS INC	COM	693282105	5,497	197,251	SH	DFND	1 3 4	197,251	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	72,369	2,956,280	SH	DFND	1 3 4	2,956,280	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	253	10,321	SH	DFND	1 4	10,321	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	1,924	78,600	SH	DFND	2 3 4	78,600	0	0
PEGASYSTEMS INC	COM	705573103	326	4,038	SH	DFND	1 4	4,038	0	0
PELTON INTERACTIVE	CL A COM	70614W100	3,718	140,710	SH	DFND	1 3 4	140,710	0	0

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PELTON INTERACTIVE INC	CL A COM	70614W100	779	29,490	SH	DFND	1 4	29,490	0	0
PEMBINA PIPELINE CORP	COM	706327103	3,400	90,409	SH	DFND	1 3 4	90,409	0	0
PENN NATL GAMING INC	COM	707569109	7,826	184,483	SH	DFND	1 3 4	184,483	0	0
PENN NATL GAMING INC	COM	707569109	684	16,117	SH	DFND	1 4	16,117	0	0
PENNANT GROUP INC	COM	70805E109	3,437	184,479	SH	DFND	1 3 4	184,479	0	0
PENNYMAC MTG INVT TR	COM	70931T103	10,588	626,856	SH	DFND	1 3 4	626,856	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	283	3,020	SH	DFND	1 4	3,020	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	1,340	14,298	SH	DFND	1 3 4	14,298	0	0
PENTAIR PLC	SHS	G7S00T104	17,244	318,100	SH	DFND	1 3 4	318,100	0	0
PENTAIR PLC	SHS	G7S00T104	873	16,098	SH	DFND	1 4	16,098	0	0
PENUMBRA INC	COM	70975L107	25,769	116,007	SH	DFND	1 3 4	116,007	0	0
PENUMBRA INC	COM	70975L107	759	3,415	SH	DFND	1 4	3,415	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	9,590	479,746	SH	DFND	1 3 4	479,746	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	826	41,343	SH	DFND	1 4	41,343	0	0
PEPSICO INC	COM	713448108	319,841	1,910,865	SH	DFND	1 3 4	1,910,865	0	0
PEPSICO INC	COM	713448108	14,173	84,676	SH	DFND	1 4	84,676	0	0
PERDOCEO ED CORP	COM	71363P106	5,316	463,031	SH	DFND	1 3 4	463,031	0	0
PERFICIENT INC	COM	71375U101	651	5,911	SH	DFND	1 4	5,911	0	0
PERFICIENT INC	COM	71375U101	29,112	264,442	SH	DFND	1 3 4	264,442	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	66,013	1,296,664	SH	DFND	1 3 4	1,296,664	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	1,332	26,172	SH	DFND	1 4	26,172	0	0
PERIMETER SOLUTIONS SA	COMMON STOCK	L7579L106	122,115	10,083,856	SH	DFND	1 3 4	10,083,856	0	0
PERKINELMER INC	COM	714046109	26,983	154,666	SH	DFND	1 3 4	154,666	0	0
PERKINELMER INC	COM	714046109	2,139	12,260	SH	DFND	1 4	12,260	0	0
PERRIGO CO PLC	SHS	G97822103	17,577	457,373	SH	DFND	1 3 4	457,373	0	0
PERRIGO CO PLC	SHS	G97822103	497	12,928	SH	DFND	1 4	12,928	0	0
PETCO HEALTH & WELLNESS CO I	COM	71601V105	32,126	1,641,579	SH	DFND	1 3 4	1,641,579	0	0
PETIQ INC	COM CL A	71639T106	1,258	51,572	SH	DFND	1 3 4	51,572	0	0
PETMED EXPRESS INC	COM	716382106	3,574	138,541	SH	DFND	1 3 4	138,541	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	81,678	5,518,777	SH	DFND	1 3 4	5,410,373	0	108,404
PFIZER INC	COM	717081103	7,805	150,770	SH	DFND	1 4	150,770	0	0
PFIZER INC	COM	717081103	572,446	11,057,497	SH	DFND	1 3 4	11,057,497	0	0
PG&E CORP	COM	69331C108	431	36,109	SH	DFND	1 3 4	36,109	0	0
PG&E CORP	COM	69331C108	2,308	193,309	SH	DFND	1 4	193,309	0	0
PGT INNOVATIONS INC	COM	69336V101	7,083	393,944	SH	DFND	1 3 4	393,944	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	12,558	629,476	SH	DFND	1 3 4	629,476	0	0
PHILIP MORRIS INTL INC	COM	718172109	166,053	1,767,649	SH	DFND	1 3 4	1,767,649	0	0
PHILIP MORRIS INTL INC	COM	718172109	3,946	42,010	SH	DFND	1 4	42,010	0	0
PHILLIPS 66	COM	718546104	55,962	647,788	SH	DFND	1 3 4	647,788	0	0
PHILLIPS 66	COM	718546104	3,916	45,328	SH	DFND	1 4	45,328	0	0
PHILLIPS EDISON & CO INC	COMMON STOCK	71844V201	361	10,503	SH	DFND	1 4	10,503	0	0
PHOTRONICS INC	COM	719405102	6,910	407,186	SH	DFND	1 3 4	407,186	0	0
PHREESIA INC	COM	71944F106	1,021	38,746	SH	DFND	1 3 4	38,746	0	0
PHREESIA INC	COM	71944F106	240	9,086	SH	DFND	1 4	9,086	0	0
PHYSICIANS RLTY TR	COM	71943U104	12,764	727,708	SH	DFND	1 3 4	727,708	0	0
PHYSICIANS RLTY TR	COM	71943U104	308	17,573	SH	DFND	1 4	17,573	0	0



PHYSICIANS RLTY TR	COM	71943U104	868	49,503	SH	DFND	2 3 4	49,503	0	0
PIEDMONT LITHIUM INC	COM	72016P105	17,458	239,196	SH	DFND	1 3 4	239,196	0	0
PILGRIMS PRIDE CORP	COM	72147K108	4,041	160,991	SH	DFND	1 3 4	160,991	0	0
PINDUODUO INC	SPONSORED ADS	722304102	247	6,158	SH	DFND	1 3 4	6,158	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	23,958	260,185	SH	DFND	1 3 4	260,185	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	665	7,224	SH	DFND	1 4	7,224	0	0
PINNACLE WEST CAP CORP	COM	723484101	9,855	126,178	SH	DFND	1 3 4	126,178	0	0
PINNACLE WEST CAP CORP	COM	723484101	857	10,971	SH	DFND	1 4	10,971	0	0
PINTEREST INC	CL A	72352L106	1,373	55,806	SH	DFND	1 4	55,806	0	0
PINTEREST INC	CL A	72352L106	483	19,606	SH	DFND	1 3 4	19,606	0	0
PIONEER NAT RES CO	COM	723787107	98,531	394,078	SH	DFND	1 3 4	394,078	0	0
PIONEER NAT RES CO	COM	723787107	5,284	21,135	SH	DFND	1 4	21,135	0	0
PIPER SANDLER COMPANIES	COM	724078100	38,622	294,258	SH	DFND	1 3 4	294,258	0	0
PITNEY BOWES INC	COM	724479100	5,677	1,091,707	SH	DFND	1 3 4	1,091,707	0	0
PITNEY BOWES INC	COM	724479100	167	32,201	SH	DFND	1 4	32,201	0	0
PJT PARTNERS INC	COM CL A	69343T107	248	3,931	SH	DFND	1 4	3,931	0	0
PLANET FITNESS INC	CL A	72703H101	5,977	70,753	SH	DFND	1 3 4	70,753	0	0
PLANET FITNESS INC	CL A	72703H101	692	8,186	SH	DFND	1 4	8,186	0	0
PLANTRONICS INC NEW	COM	727493108	11,118	282,187	SH	DFND	1 3 4	282,187	0	0
PLANTRONICS INC NEW	COM	727493108	204	5,189	SH	DFND	1 4	5,189	0	0
PLAYTIKA HLDG CORP	COM	72815L107	198	10,245	SH	DFND	1 4	10,245	0	0
PLEXUS CORP	COM	729132100	15,180	185,554	SH	DFND	1 3 4	185,554	0	0
PLEXUS CORP	COM	729132100	389	4,761	SH	DFND	1 4	4,761	0	0
PLUG POWER INC	COM NEW	72919P202	21,708	758,738	SH	DFND	1 3 4	758,738	0	0
PLUG POWER INC	COM NEW	72919P202	1,443	50,452	SH	DFND	1 4	50,452	0	0
PLYMOUTH INDL REIT INC	COM	729640102	4,925	181,741	SH	DFND	2 3 4	181,741	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	12,886	618,926	SH	DFND	1 3 4	618,926	0	0
PNC FINL SVCS GROUP INC	COM	693475105	369,511	2,003,313	SH	DFND	1 3 4	2,003,313	0	0
PNC FINL SVCS GROUP INC	COM	693475105	2,113	11,457	SH	DFND	1 4	11,457	0	0
PNM RES INC	COM	69349H107	325	6,823	SH	DFND	1 4	6,823	0	0
PNM RES INC	COM	69349H107	13,520	283,610	SH	DFND	1 3 4	283,610	0	0
POLARIS INC	COM	731068102	19,845	188,429	SH	DFND	1 3 4	188,429	0	0
POLARIS INC	COM	731068102	594	5,639	SH	DFND	1 4	5,639	0	0
POOL CORP	COM	73278L105	21,510	50,868	SH	DFND	1 3 4	50,868	0	0
POOL CORP	COM	73278L105	1,626	3,846	SH	DFND	1 4	3,846	0	0
POPULAR INC	COM NEW	733174700	19,783	242,032	SH	DFND	1 3 4	242,032	0	0
POPULAR INC	COM NEW	733174700	629	7,695	SH	DFND	1 4	7,695	0	0
PORCH GROUP INC	COM	733245104	96	13,853	SH	DFND	1 4	13,853	0	0
PORTILLOS INC	COM CL A	73642K106	20,412	831,097	SH	DFND	1 3 4	831,097	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	66,007	1,196,853	SH	DFND	1 3 4	1,196,853	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	394	7,146	SH	DFND	1 4	7,146	0	0
POST HLDGS INC	COM	737446104	13,021	188,004	SH	DFND	1 3 4	188,004	0	0
POST HLDGS INC	COM	737446104	390	5,630	SH	DFND	1 4	5,630	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	15,165	287,605	SH	DFND	1 3 4	287,605	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	278	5,263	SH	DFND	1 4	5,263	0	0
POWELL INDS INC	COM	739128106	1,160	59,749	SH	DFND	1 3 4	59,749	0	0
POWER INTEGRATIONS INC	COM	739276103	18,112	195,429	SH	DFND	1 3 4	195,429	0	0
POWER INTEGRATIONS INC	COM	739276103	991	10,695	SH	DFND	1 4	10,695	0	0

PPG INDS INC	COM	693506107	138,689	1,058,131	SH	DFND	1 3 4	1,058,131	0	0
PPG INDS INC	COM	693506107	3,037	23,168	SH	DFND	1 4	23,168	0	0
PPL CORP	COM	69351T106	24,416	854,888	SH	DFND	1 3 4	854,888	0	0
PPL CORP	COM	69351T106	2,088	73,110	SH	DFND	1 4	73,110	0	0
PRA GROUP INC	COM	69354N106	12,986	288,058	SH	DFND	1 3 4	288,058	0	0
PRECIGEN INC	COM	74017N105	49	23,413	SH	DFND	1 3 4	23,413	0	0
PRECIGEN INC	COM	74017N105	34	16,016	SH	DFND	1 4	16,016	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	2,098	681,156	SH	DFND	1 3 4	681,156	0	0
PREFERRED APT CMNTYS INC	COM	74039L103	971	38,946	SH	DFND	1 3 4	38,946	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	7,418	100,115	SH	DFND	1 3 4	100,115	0	0
PREMIER FINANCIAL CORP	COM	74052F108	559	18,431	SH	DFND	1 3 4	18,431	0	0
PREMIER INC	CL A	74051N102	3,737	105,014	SH	DFND	1 3 4	105,014	0	0
PREMIER INC	CL A	74051N102	414	11,620	SH	DFND	1 4	11,620	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	19,195	362,577	SH	DFND	1 3 4	362,577	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	210	3,976	SH	DFND	1 4	3,976	0	0
PRICE T ROWE GROUP INC	COM	74144T108	46,949	310,530	SH	DFND	1 3 4	310,530	0	0
PRICE T ROWE GROUP INC	COM	74144T108	3,355	22,191	SH	DFND	1 4	22,191	0	0
PRICESMART INC	COM	741511109	13,249	167,990	SH	DFND	1 3 4	167,990	0	0
PRIMERICA INC	COM	74164M108	521	3,807	SH	DFND	1 4	3,807	0	0
PRIMERICA INC	COM	74164M108	19,892	145,389	SH	DFND	1 3 4	145,389	0	0
PRIMO WATER CORPORATION	COM	74167P108	178	12,485	SH	DFND	1 4	12,485	0	0
PRIMORIS SVCS CORP	COM	74164F103	897	37,654	SH	DFND	1 3 4	37,654	0	0
PRINCIPAL EXCHANGE-TRADED FD	ACTIVE HIGH YL	74255Y102	189,314	9,494,200	SH	DFND	1 3 4	9,494,200	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN HLTHCRE INV	74255Y409	33,727	850,000	SH	DFND	1 3 4	850,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SMCP MLTFCTR	74255Y607	682,171	15,350,000	SH	DFND	1 3 4	15,350,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SMCP MLTFCTR	74255Y607	5,038	200,965	SH	DFND	1 4	200,965	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN US LRG CAP	74255Y748	5,454	198,571	SH	DFND	1 4	198,571	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN INTL ADAPTV	74255Y755	9,243	390,001	SH	DFND	1 4	390,001	0	0
PRINCIPAL EXCHANGE-TRADED FD	SPECTRUM TAX ADV	74255Y763	19,853	995,521	SH	DFND	1 4	995,521	0	0
PRINCIPAL EXCHANGE-TRADED FD	ULTRA SHT ACTV	74255Y813	4,847	199,681	SH	DFND	1 4	199,681	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRNC INVT GRAD	74255Y821	379,373	15,750,000	SH	DFND	1 3 4	15,750,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CP ETF	74255Y870	1,286,646	30,151,399	SH	DFND	1 3 4	30,151,399	0	0
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	20,279	276,238	SH	DFND	1 3 4	276,238	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	203	7,612	SH	DFND	1 4	7,612	0	0
PRIVIA HEALTH GROUP INC	COM	74276R102	27,906	1,044,012	SH	DFND	1 3 4	1,044,012	0	0
PROASSURANCE CORP	COM	74267C106	9,586	356,632	SH	DFND	1 3 4	356,632	0	0
PROCORE TECHNOLOGIES INC	COM	74275K108	339	5,849	SH	DFND	1 4	5,849	0	0
PROCTER AND GAMBLE CO	COM	742718109	482,108	3,155,157	SH	DFND	1 3 4	3,155,157	0	0
PROCTER AND GAMBLE CO	COM	742718109	9,932	64,997	SH	DFND	1 4	64,997	0	0
PROG HOLDINGS INC	COM NPV	74319R101	15,429	536,302	SH	DFND	1 3 4	536,302	0	0
PROGRESS SOFTWARE CORP	COM	743312100	15,249	323,836	SH	DFND	1 3 4	323,836	0	0

PROGRESS SOFTWARE CORP	COM	743312100	376	7,986	SH	DFND	1 4	7,986	0	0
PROGRESSIVE CORP	COM	743315103	1,792	15,718	SH	DFND	1 4	15,718	0	0
PROGRESSIVE CORP	COM	743315103	564,715	4,954,066	SH	DFND	1 3 4	4,954,066	0	0
PROGYNY INC	COM	74340E103	601	11,702	SH	DFND	1 4	11,702	0	0
PROGYNY INC	COM	74340E103	11,823	230,020	SH	DFND	1 3 4	230,020	0	0
PROLOGIS INC.	COM	74340W103	207,358	1,284,109	SH	DFND	1 3 4	1,284,109	0	0
PROLOGIS INC.	COM	74340W103	3,211	19,883	SH	DFND	1 4	19,883	0	0
PROLOGIS INC.	COM	74340W103	1,564,137	9,686,262	SH	DFND	2 3 4	9,686,262	0	0
PROPETRO HLDG CORP	COM	74347M108	7,794	559,520	SH	DFND	1 3 4	559,520	0	0
PROS HOLDINGS INC	COM	74346Y103	242	7,259	SH	DFND	1 4	7,259	0	0
PROSPERITY BANCSHARES INC	COM	743606105	23,297	335,782	SH	DFND	1 3 4	335,782	0	0
PROSPERITY BANCSHARES INC	COM	743606105	603	8,698	SH	DFND	1 4	8,698	0	0
PROTHENA CORP PLC	SHS	G72800108	909	24,845	SH	DFND	1 3 4	24,845	0	0
PROTHENA CORP PLC	SHS	G72800108	209	5,728	SH	DFND	1 4	5,728	0	0
PROTO LABS INC	COM	743713109	9,628	181,995	SH	DFND	1 3 4	181,995	0	0
PROVIDENT FINL SVCS INC	COM	74386T105	40,544	1,732,620	SH	DFND	1 3 4	1,732,620	0	0
PRUDENTIAL FINL INC	COM	744320102	4,348	36,795	SH	DFND	1 4	36,795	0	0
PRUDENTIAL FINL INC	COM	744320102	54,711	462,983	SH	DFND	1 3 4	462,983	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	17,918	106,606	SH	DFND	1 3 4	106,606	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	562	3,342	SH	DFND	1 4	3,342	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	176,276	1,048,764	SH	DFND	2 3 4	1,048,764	0	0
PTC INC	COM	69370C100	12,930	120,031	SH	DFND	1 3 4	120,031	0	0
PTC INC	COM	69370C100	1,122	10,413	SH	DFND	1 4	10,413	0	0
PTC THERAPEUTICS INC	COM	69366J200	306	8,206	SH	DFND	1 3 4	8,206	0	0
PTC THERAPEUTICS INC	COM	69366J200	471	12,612	SH	DFND	1 4	12,612	0	0
PUBLIC STORAGE	COM	74460D109	3,434	8,799	SH	DFND	1 4	8,799	0	0
PUBLIC STORAGE	COM	74460D109	317,377	813,202	SH	DFND	2 3 4	813,202	0	0
PUBLIC STORAGE	COM	74460D109	79,585	203,918	SH	DFND	1 3 4	203,918	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	40,340	576,281	SH	DFND	1 3 4	576,281	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	3,431	49,010	SH	DFND	1 4	49,010	0	0
PUBMATIC INC	COM CL A	74467Q103	3,996	152,986	SH	DFND	1 3 4	152,986	0	0
PULTE GROUP INC	COM	745867101	13,032	311,023	SH	DFND	1 3 4	311,023	0	0
PULTE GROUP INC	COM	745867101	1,025	24,470	SH	DFND	1 4	24,470	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	96	33,483	SH	DFND	1 3 4	33,483	0	0
PURE CYCLE CORP	COM NEW	746228303	193	16,066	SH	DFND	1 3 4	16,066	0	0
PURE STORAGE INC	CL A	74624M102	35,507	1,005,571	SH	DFND	1 3 4	1,005,571	0	0
PURE STORAGE INC	CL A	74624M102	953	26,980	SH	DFND	1 4	26,980	0	0
PURECYCLE TECHNOLOGIES INC	COM	74623V103	83	10,403	SH	DFND	1 4	10,403	0	0
PURPLE INNOVATION INC	COM	74640Y106	62	10,545	SH	DFND	1 4	10,545	0	0
PVH CORPORATION	COM	693656100	5,954	77,719	SH	DFND	1 3 4	77,719	0	0
PVH CORPORATION	COM	693656100	521	6,797	SH	DFND	1 4	6,797	0	0
Q2 HLDGS INC	COM	74736L109	612	9,930	SH	DFND	1 4	9,930	0	0
QCR HOLDINGS INC	COM	74727A104	714	12,622	SH	DFND	1 3 4	12,622	0	0
QIAGEN NV	SHS NEW	N72482123	1,081	22,057	SH	DFND	1 4	22,057	0	0
QORVO INC	COM	74736K101	15,277	123,099	SH	DFND	1 3 4	123,099	0	0
QORVO INC	COM	74736K101	1,305	10,513	SH	DFND	1 4	10,513	0	0
QUAKER HOUGHTON	COM	747316107	15,317	88,633	SH	DFND	1 3 4	88,633	0	0
QUAKER HOUGHTON	COM	747316107	423	2,450	SH	DFND	1 4	2,450	0	0
QUALCOMM INC	COM	747525103	205,448	1,344,381	SH	DFND	1 3 4	1,344,381	0	0
QUALCOMM INC	COM	747525103	11,779	77,076	SH	DFND	1 4	77,076	0	0
QUALTRICS INTL INC	COM CL A	747601201	34,859	1,220,980	SH	DFND	1 3 4	1,220,980	0	0

QUALYS INC	COM	74758T303	15,707	110,295	SH	DFND	1 3 4	110,295	0	0
QUALYS INC	COM	74758T303	882	6,192	SH	DFND	1 4	6,192	0	0
QUANEX BLDG PRODS CORP	COM	747619104	5,065	241,283	SH	DFND	1 3 4	241,283	0	0
QUANTA SVCS INC	COM	74762E102	53,642	407,582	SH	DFND	1 3 4	407,582	0	0
QUANTA SVCS INC	COM	74762E102	1,810	13,754	SH	DFND	1 4	13,754	0	0
QUANTERIX CORP	COM	74766Q101	513	17,590	SH	DFND	1 3 4	17,590	0	0
QUANTUM SI INC	COM CL A	74765K105	62	13,196	SH	DFND	1 3 4	13,196	0	0
QUANTUMSCAPE CORP	COM CL A	74767V109	480	24,032	SH	DFND	1 4	24,032	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	23,600	172,439	SH	DFND	1 3 4	172,439	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	1,622	11,853	SH	DFND	1 4	11,853	0	0
QUIDEL CORP	COM	74838J101	14,089	125,279	SH	DFND	1 3 4	125,279	0	0
QUIDEL CORP	COM	74838J101	404	3,592	SH	DFND	1 4	3,592	0	0
QUINSTREET INC	COM	74874Q100	3,840	331,061	SH	DFND	1 3 4	331,061	0	0
QUOTIENT LTD	SHS	G73268107	18	14,597	SH	DFND	1 4	14,597	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	105	16,518	SH	DFND	1 4	16,518	0	0
QURATE RETAIL INC	COM SER A	74915M100	1,775	372,856	SH	DFND	1 3 4	372,856	0	0
QURATE RETAIL INC	COM SER A	74915M100	170	35,619	SH	DFND	1 4	35,619	0	0
R1 RCM INC	COM	749397105	11,806	441,165	SH	DFND	1 3 4	441,165	0	0
R1 RCM INC	COM	749397105	577	21,574	SH	DFND	1 4	21,574	0	0
RADIAN GROUP INC	COM	750236101	5,480	246,741	SH	DFND	1 3 4	246,741	0	0
RADIAN GROUP INC	COM	750236101	319	14,364	SH	DFND	1 4	14,364	0	0
RADIUS HEALTH INC	COM NEW	750469207	359	40,602	SH	DFND	1 3 4	40,602	0	0
RADNET INC	COM	750491102	7,388	330,285	SH	DFND	1 3 4	330,285	0	0
RALPH LAUREN CORP	CL A	751212101	500	4,412	SH	DFND	1 4	4,412	0	0
RALPH LAUREN CORP	CL A	751212101	6,126	54,006	SH	DFND	1 3 4	54,006	0	0
RAMBUS INC DEL	COM	750917106	275	8,612	SH	DFND	1 4	8,612	0	0
RAMBUS INC DEL	COM	750917106	23,030	722,165	SH	DFND	1 3 4	722,165	0	0
RANGE RES CORP	COM	75281A109	33,601	1,106,024	SH	DFND	1 3 4	1,106,024	0	0
RANGE RES CORP	COM	75281A109	577	18,981	SH	DFND	1 4	18,981	0	0
RANGER OIL CORPORATION	CLASS A COM	70788V102	4,808	139,233	SH	DFND	1 3 4	139,233	0	0
RAPID7 INC	COM	753422104	1,137	10,217	SH	DFND	1 4	10,217	0	0
RAYMOND JAMES FINL INC	COM	754730109	75,687	688,637	SH	DFND	1 3 4	688,637	0	0
RAYMOND JAMES FINL INC	COM	754730109	1,980	18,014	SH	DFND	1 4	18,014	0	0
RAYONIER ADVANCED MATLS INC	COM	75508B104	2,762	420,435	SH	DFND	1 3 4	420,435	0	0
RAYONIER INC	COM	754907103	19,747	480,226	SH	DFND	1 3 4	480,226	0	0
RAYONIER INC	COM	754907103	563	13,692	SH	DFND	1 4	13,692	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	168,166	1,697,446	SH	DFND	1 3 4	1,697,446	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	4,001	40,386	SH	DFND	1 4	40,386	0	0
RBC BEARINGS INC	COM	75524B104	511	2,634	SH	DFND	1 4	2,634	0	0
RE MAX HLDGS INC	CL A	75524W108	4,003	144,366	SH	DFND	1 3 4	144,366	0	0
READY CAPITAL CORP	COM	75574U101	6,694	444,511	SH	DFND	1 3 4	444,511	0	0
REALOGY HLDGS CORP	COM	75605Y106	12,072	769,902	SH	DFND	1 3 4	769,902	0	0
REALTY INCOME CORP	COM	756109104	164,088	2,367,794	SH	DFND	1 3 4	2,367,794	0	0
REALTY INCOME CORP	COM	756109104	3,811	54,997	SH	DFND	1 4	54,997	0	0
RECURSION PHARMACEUTICALS IN	CL A	75629V104	129	18,019	SH	DFND	1 3 4	18,019	0	0
RECURSION PHARMACEUTICALS IN	CL A	75629V104	123	17,179	SH	DFND	1 4	17,179	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	1,748	103,670	SH	DFND	1 3 4	103,670	0	0
RED ROCK RESORTS INC	CL A	75700L108	473	9,747	SH	DFND	1 4	9,747	0	0
REDFIN CORP	COM	75737F108	338	18,738	SH	DFND	1 4	18,738	0	0
REDWOOD TR INC	COM	758075402	7,983	758,148	SH	DFND	1 3 4	758,148	0	0

REGAL REXNORD CORPORATION	COM	758750103	986	6,624	SH	DFND	1 4	6,624	0	0
REGAL REXNORD CORPORATION	COM	758750103	76,921	517,013	SH	DFND	1 3 4	517,013	0	0
REGENCY CTRS CORP	COM	758849103	21,266	298,097	SH	DFND	1 3 4	298,097	0	0
REGENCY CTRS CORP	COM	758849103	1,173	16,444	SH	DFND	1 4	16,444	0	0
REGENCY CTRS CORP	COM	758849103	418,061	5,860,122	SH	DFND	2 3 4	5,860,122	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	85,860	122,935	SH	DFND	1 3 4	122,935	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	2,242	3,210	SH	DFND	1 4	3,210	0	0
REGENXBIO INC	COM	75901B107	8,400	253,100	SH	DFND	1 3 4	253,100	0	0
REGIONAL MGMT CORP	COM	75902K106	407	8,374	SH	DFND	1 3 4	8,374	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	25,690	1,154,079	SH	DFND	1 3 4	1,154,079	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	2,079	93,411	SH	DFND	1 4	93,411	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	30,818	281,541	SH	DFND	1 3 4	281,541	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	716	6,544	SH	DFND	1 4	6,544	0	0
RELAY THERAPEUTICS INC	COM	75943R102	357	11,925	SH	DFND	1 4	11,925	0	0
RELAY THERAPEUTICS INC	COM	75943R102	316	10,547	SH	DFND	1 3 4	10,547	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	38,824	211,746	SH	DFND	1 3 4	211,746	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	1,111	6,057	SH	DFND	1 4	6,057	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	23,030	145,293	SH	DFND	1 3 4	145,293	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	694	4,380	SH	DFND	1 4	4,380	0	0
RENASANT CORP	COM	75970E107	12,318	368,244	SH	DFND	1 3 4	368,244	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	20,112	331,607	SH	DFND	1 3 4	331,607	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	216	3,555	SH	DFND	1 4	3,555	0	0
RENT A CTR INC NEW	COM	76009N100	291	11,534	SH	DFND	1 4	11,534	0	0
RENT A CTR INC NEW	COM	76009N100	10,931	433,944	SH	DFND	1 3 4	433,944	0	0
REPAY HLDGS CORP	COM CL A	76029L100	160	10,860	SH	DFND	1 4	10,860	0	0
REPLIGEN CORP	COM	759916109	31,948	169,856	SH	DFND	1 3 4	169,856	0	0
REPLIGEN CORP	COM	759916109	1,015	5,398	SH	DFND	1 4	5,398	0	0
REPUBLIC SVCS INC	COM	760759100	69,673	525,834	SH	DFND	1 3 4	525,834	0	0
REPUBLIC SVCS INC	COM	760759100	2,705	20,418	SH	DFND	1 4	20,418	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	24,374	1,022,824	SH	DFND	1 3 4	1,022,824	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	316	13,260	SH	DFND	1 4	13,260	0	0
RESMED INC	COM	761152107	40,375	166,489	SH	DFND	1 3 4	166,489	0	0
RESMED INC	COM	761152107	3,444	14,200	SH	DFND	1 4	14,200	0	0
RESOURCES CONNECTION INC	COM	76122Q105	3,737	218,007	SH	DFND	1 3 4	218,007	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	513	8,776	SH	DFND	1 3 4	8,776	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	15,556	802,288	SH	DFND	1 3 4	802,288	0	0
RETAIL VALUE INC	COM	76133Q102	143	46,597	SH	DFND	1 3 4	46,597	0	0
REV GROUP INC	COM	749527107	322	24,038	SH	DFND	1 3 4	24,038	0	0
REVANCE THERAPEUTICS INC	COM	761330109	251	12,850	SH	DFND	1 4	12,850	0	0
REVOLUTION MEDICINES INC	COM	76155X100	213	8,335	SH	DFND	1 3 4	8,335	0	0
REVOLVE GROUP INC	CL A	76156B107	39,944	743,989	SH	DFND	1 3 4	743,989	0	0
REVOLVE GROUP INC	CL A	76156B107	279	5,201	SH	DFND	1 4	5,201	0	0
REX AMERICAN RES CORP	COM	761624105	3,423	34,366	SH	DFND	1 3 4	34,366	0	0

REXFORD INDL RLTY INC	COM	76169C100	89,118	1,194,771	SH	DFND	1 3 4	1,194,771	0	0
REXFORD INDL RLTY INC	COM	76169C100	1,164	15,609	SH	DFND	1 4	15,609	0	0
REXFORD INDL RLTY INC	COM	76169C100	622,648	8,347,609	SH	DFND	2 3 4	8,347,609	0	0
RH	COM	74967X103	18,732	57,445	SH	DFND	1 3 4	57,445	0	0
RH	COM	74967X103	564	1,729	SH	DFND	1 4	1,729	0	0
RIBBON COMMUNICATIONS INC	COM	762544104	141	45,737	SH	DFND	1 3 4	45,737	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	94	31,279	SH	DFND	1 4	31,279	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	58	19,360	SH	DFND	1 3 4	19,360	0	0
RIMINI STR INC DEL	COM	76674Q107	173	29,858	SH	DFND	1 3 4	29,858	0	0
RINGCENTRAL INC	CL A	76680R206	222	1,893	SH	DFND	1 3 4	1,893	0	0
RINGCENTRAL INC	CL A	76680R206	947	8,076	SH	DFND	1 4	8,076	0	0
RIOT BLOCKCHAIN INC	COM	767292105	413	19,522	SH	DFND	1 4	19,522	0	0
RIVIAN AUTOMOTIVE INC	COM CL A	76954A103	218	4,333	SH	DFND	1 3 4	4,333	0	0
RIVIAN AUTOMOTIVE INC	COM CL A	76954A103	266	5,300	SH	DFND	1 4	5,300	0	0
RLI CORP	COM	749607107	14,565	131,654	SH	DFND	1 3 4	131,654	0	0
RLI CORP	COM	749607107	771	6,967	SH	DFND	1 4	6,967	0	0
RLJ LODGING TR	COM	74965L101	185	13,131	SH	DFND	1 4	13,131	0	0
RMR GROUP INC	CL A	74967R106	247	7,957	SH	DFND	1 3 4	7,957	0	0
ROBERT HALF INTL INC	COM	770323103	1,231	10,777	SH	DFND	1 4	10,777	0	0
ROBERT HALF INTL INC	COM	770323103	39,401	345,078	SH	DFND	1 3 4	345,078	0	0
ROCKET COS INC	COM CL A	77311W101	153	13,752	SH	DFND	1 4	13,752	0	0
ROCKWELL AUTOMATION INC	COM	773903109	3,191	11,396	SH	DFND	1 4	11,396	0	0
ROCKWELL AUTOMATION INC	COM	773903109	37,082	132,423	SH	DFND	1 3 4	132,423	0	0
ROGERS COMMUNICATIONS INC	CL B	775109200	552	9,751	SH	DFND	1 3 4	9,751	0	0
ROGERS CORP	COM	775133101	33,612	123,709	SH	DFND	1 3 4	123,709	0	0
ROGERS CORP	COM	775133101	861	3,170	SH	DFND	1 4	3,170	0	0
ROKU INC	COM CL A	77543R102	655	5,222	SH	DFND	1 3 4	5,222	0	0
ROKU INC	COM CL A	77543R102	1,458	11,639	SH	DFND	1 4	11,639	0	0
ROLLINS INC	COM	775711104	10,456	298,319	SH	DFND	1 3 4	298,319	0	0
ROLLINS INC	COM	775711104	786	22,423	SH	DFND	1 4	22,423	0	0
ROMEO POWER INC	COM	776153108	24	16,115	SH	DFND	1 4	16,115	0	0
ROPER TECHNOLOGIES INC	COM	776696106	1,102,584	2,334,846	SH	DFND	1 3 4	2,334,846	0	0
ROPER TECHNOLOGIES INC	COM	776696106	1,331	2,819	SH	DFND	1 4	2,819	0	0
ROSS STORES INC	COM	778296103	2,158	23,857	SH	DFND	1 4	23,857	0	0
ROSS STORES INC	COM	778296103	209,971	2,321,146	SH	DFND	1 3 4	2,321,146	0	0
ROYAL BK CDA	COM	780087102	16,895	153,314	SH	DFND	1 3 4	153,314	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	21,330	254,594	SH	DFND	1 3 4	254,594	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	1,784	21,293	SH	DFND	1 4	21,293	0	0
ROYAL GOLD INC	COM	780287108	30,633	216,825	SH	DFND	1 3 4	216,825	0	0
ROYAL GOLD INC	COM	780287108	899	6,364	SH	DFND	1 4	6,364	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	325	8,341	SH	DFND	1 3 4	8,341	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	1,243	31,916	SH	DFND	1 4	31,916	0	0
RPC INC	COM	749660106	4,952	464,096	SH	DFND	1 3 4	464,096	0	0
RPM INTL INC	COM	749685103	80,654	990,351	SH	DFND	1 3 4	990,351	0	0
RPM INTL INC	COM	749685103	1,020	12,520	SH	DFND	1 4	12,520	0	0
RPT REALTY	SH BEN INT	74971D101	7,669	556,952	SH	DFND	1 3 4	556,952	0	0
RPT REALTY	7.25 PFD D CONV	74971D200	3,752	63,278	SH	DFND	2 3 4	63,278	0	0

RUBIUS THERAPEUTICS INC	COM	78116T103	56	10,177	SH	DFND	1 3 4	10,177	0	0
RUSH ENTERPRISES INC	CL A	781846209	50,702	995,917	SH	DFND	1 3 4	995,917	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	4,794	209,525	SH	DFND	1 3 4	209,525	0	0
RYDER SYS INC	COM	783549108	18,848	237,595	SH	DFND	1 3 4	237,595	0	0
RYDER SYS INC	COM	783549108	405	5,105	SH	DFND	1 4	5,105	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	866	9,330	SH	DFND	1 4	9,330	0	0
S & T BANCORP INC	COM	783859101	7,696	260,169	SH	DFND	1 3 4	260,169	0	0
S&P GLOBAL INC	COM	78409V104	307,074	748,629	SH	DFND	1 3 4	748,629	0	0
S&P GLOBAL INC	COM	78409V104	6,724	16,394	SH	DFND	1 4	16,394	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	17,089	1,147,703	SH	DFND	1 3 4	1,147,703	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	271	18,204	SH	DFND	1 4	18,204	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	237,617	15,958,205	SH	DFND	2 3 4	15,958,205	0	0
SABRE CORP	COM	78573M104	12,212	1,068,448	SH	DFND	1 3 4	1,068,448	0	0
SABRE CORP	COM	78573M104	370	32,337	SH	DFND	1 4	32,337	0	0
SAFEHOLD INC	COM	78645L100	5,177	93,357	SH	DFND	1 3 4	93,357	0	0
SAFETY INS GROUP INC	COM	78648T100	8,544	94,040	SH	DFND	1 3 4	94,040	0	0
SAGE THERAPEUTICS INC	COM	78667J108	227	6,865	SH	DFND	1 3 4	6,865	0	0
SAIA INC	COM	78709Y105	21,213	87,001	SH	DFND	1 3 4	87,001	0	0
SAIA INC	COM	78709Y105	1,175	4,819	SH	DFND	1 4	4,819	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	15,768	308,088	SH	DFND	1 3 4	308,088	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	850	16,617	SH	DFND	1 4	16,617	0	0
SALESFORCE COM INC	COM	79466L302	822,744	3,875,018	SH	DFND	1 3 4	3,875,018	0	0
SALESFORCE COM INC	COM	79466L302	6,927	32,627	SH	DFND	1 4	32,627	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	47,071	3,011,570	SH	DFND	1 3 4	3,011,570	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	312	19,946	SH	DFND	1 4	19,946	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	177	21,381	SH	DFND	1 3 4	21,381	0	0
SANA BIOTECHNOLOGY INC	COM	799566104	127	15,318	SH	DFND	1 4	15,318	0	0
SANDERSON FARMS INC	COM	800013104	13,139	70,076	SH	DFND	1 3 4	70,076	0	0
SANDERSON FARMS INC	COM	800013104	637	3,397	SH	DFND	1 4	3,397	0	0
SANDY SPRING BANCORP INC	COM	800363103	6,984	155,487	SH	DFND	1 3 4	155,487	0	0
SANFILIPPO JOHN B & SON INC	COM	800422107	5,225	62,618	SH	DFND	1 3 4	62,618	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	96	16,467	SH	DFND	1 3 4	16,467	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	119	20,515	SH	DFND	1 4	20,515	0	0
SANMINA CORPORATION	COM	801056102	201	4,979	SH	DFND	1 4	4,979	0	0
SANMINA CORPORATION	COM	801056102	18,879	467,076	SH	DFND	1 3 4	467,076	0	0
SAP SE	SPON ADR	803054204	113,572	1,023,546	SH	DFND	1 3 4	1,023,546	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	721	9,224	SH	DFND	1 3 4	9,224	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	643	8,230	SH	DFND	1 4	8,230	0	0
SAUL CTRS INC	COM	804395101	5,954	112,972	SH	DFND	1 3 4	112,972	0	0
SAUL CTRS INC	COM	804395101	67,889	1,288,219	SH	DFND	2 3 4	1,288,219	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	976,844	2,838,838	SH	DFND	1 3 4	2,838,838	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	3,631	10,551	SH	DFND	1 4	10,551	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	12,458	36,206	SH	DFND	2 3 4	36,206	0	0

SCANSOURCE INC	COM	806037107	6,151	176,814	SH	DFND	1 3 4	176,814	0	0
SCHLUMBERGER LTD	COM STK	806857108	71,044	1,719,789	SH	DFND	1 3 4	1,719,789	0	0
SCHLUMBERGER LTD	COM STK	806857108	1,555	37,641	SH	DFND	1 4	37,641	0	0
SCHOLASTIC CORP	COM	807066105	8,506	211,180	SH	DFND	1 3 4	211,180	0	0
SCHRODINGER INC	COM	80810D103	281	8,229	SH	DFND	1 4	8,229	0	0
SCHWAB CHARLES CORP	COM	808513105	334,611	3,968,816	SH	DFND	1 3 4	3,968,816	0	0
SCHWAB CHARLES CORP	COM	808513105	3,425	40,618	SH	DFND	1 4	40,618	0	0
SCHWAB STRATEGIC TR	US LRG CAP ETF	808524201	434	8,052	SH	SOLE		8,052	0	0
SCHWAB STRATEGIC TR	US DIVIDEND EQ	808524797	339	4,302	SH	DFND	1 5	4,302	0	0
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	6,109	222,129	SH	DFND	1 3 4	222,129	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	17,337	188,103	SH	DFND	1 3 4	188,103	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	511	5,546	SH	DFND	1 4	5,546	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	18,731	318,818	SH	DFND	1 3 4	318,818	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	1,026	17,464	SH	DFND	1 4	17,464	0	0
SCIPLAY CORPORATION	CL A	809087109	430	33,308	SH	DFND	1 3 4	33,308	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	21,232	172,671	SH	DFND	1 3 4	172,671	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	498	4,054	SH	DFND	1 4	4,054	0	0
SCRIPPS E W CO OHIO	CL A NEW	811054402	8,223	395,532	SH	DFND	1 3 4	395,532	0	0
SEA LTD	SPONSORD ADS	81141R100	6,183	51,614	SH	DFND	1 3 4	51,614	0	0
SEABOARD CORP DEL	COM	811543107	202	48	SH	DFND	1 3 4	48	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	13,531	386,383	SH	DFND	1 3 4	386,383	0	0
SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	G7997R103	20,603	229,174	SH	DFND	1 3 4	229,174	0	0
SEAGEN INC	COM	81181C104	23,375	162,265	SH	DFND	1 3 4	162,265	0	0
SEAGEN INC	COM	81181C104	1,920	13,327	SH	DFND	1 4	13,327	0	0
SEALED AIR CORP NEW	COM	81211K100	46,520	694,748	SH	DFND	1 3 4	694,748	0	0
SEALED AIR CORP NEW	COM	81211K100	984	14,691	SH	DFND	1 4	14,691	0	0
SEAWORLD ENTMT INC	COM	81282V100	509	6,838	SH	DFND	1 4	6,838	0	0
SEELOS THERAPEUTICS INC	COM	81577F109	10	11,595	SH	DFND	1 3 4	11,595	0	0
SEELOS THERAPEUTICS INC	COM	81577F109	15	18,299	SH	DFND	1 4	18,299	0	0
SEI INVTS CO	COM	784117103	21,755	361,316	SH	DFND	1 3 4	361,316	0	0
SEI INVTS CO	COM	784117103	625	10,387	SH	DFND	1 4	10,387	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	462	53,895	SH	DFND	1 3 4	53,895	0	0
SELECT MED HLDGS CORP	COM	81619Q105	481	20,066	SH	DFND	1 4	20,066	0	0
SELECT MED HLDGS CORP	COM	81619Q105	46,744	1,948,483	SH	DFND	1 3 4	1,948,483	0	0
SELECTA BIOSCIENCES INC	COM	816212104	63	50,919	SH	DFND	1 3 4	50,919	0	0
SELECTIVE INS GROUP INC	COM	816300107	18,914	211,665	SH	DFND	1 3 4	211,665	0	0
SELECTIVE INS GROUP INC	COM	816300107	422	4,718	SH	DFND	1 4	4,718	0	0
SELECTQUOTE INC	COM	816307300	2,293	821,961	SH	DFND	1 3 4	821,961	0	0
SELECTQUOTE INC	COM	816307300	68	24,536	SH	DFND	1 4	24,536	0	0
SEMA4 HOLDINGS CORP	COM CL A	81663L101	84	27,219	SH	DFND	1 3 4	27,219	0	0
SEMPRA	COM	816851109	132,849	790,206	SH	DFND	1 3 4	790,206	0	0
SEMPRA	COM	816851109	1,448	8,612	SH	DFND	1 4	8,612	0	0
SEMTECH CORP	COM	816850101	17,935	258,653	SH	DFND	1 3 4	258,653	0	0
SEMTECH CORP	COM	816850101	814	11,746	SH	DFND	1 4	11,746	0	0



SENECA FOODS CORP NEW	CL A	817070501	2,067	40,096	SH	DFND	1 3 4	40,096	0	0
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	769	15,118	SH	DFND	1 4	15,118	0	0
SENSEONICS HLDGS INC	COM	81727U105	156	79,111	SH	DFND	1 4	79,111	0	0
SENSEONICS HLDGS INC	COM	81727U105	99	50,452	SH	DFND	1 3 4	50,452	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	14,320	170,577	SH	DFND	1 3 4	170,577	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	471	5,609	SH	DFND	1 4	5,609	0	0
SENTINELONE INC	CL A	81730H109	18,713	483,054	SH	DFND	1 3 4	483,054	0	0
SERES THERAPEUTICS INC	COM	81750R102	74	10,396	SH	DFND	1 3 4	10,396	0	0
SERES THERAPEUTICS INC	COM	81750R102	90	12,661	SH	DFND	1 4	12,661	0	0
SERVICE CORP INTL	COM	817565104	38,968	592,045	SH	DFND	1 3 4	592,045	0	0
SERVICE CORP INTL	COM	817565104	1,032	15,672	SH	DFND	1 4	15,672	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	9,616	1,089,008	SH	DFND	1 3 4	1,089,008	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	116	13,147	SH	DFND	1 4	13,147	0	0
SERVICENOW INC	COM	81762P102	167,760	301,245	SH	DFND	1 3 4	301,245	0	0
SERVICENOW INC	COM	81762P102	7,595	13,639	SH	DFND	1 4	13,639	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	83,071	871,781	SH	DFND	1 3 4	871,781	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	783	8,216	SH	DFND	1 4	8,216	0	0
SESEN BIO INC	COM	817763105	22	37,040	SH	DFND	1 4	37,040	0	0
SESEN BIO INC	COM	817763105	13	22,209	SH	DFND	1 3 4	22,209	0	0
SHAKE SHACK INC	CL A	819047101	462	6,797	SH	DFND	1 4	6,797	0	0
SHAKE SHACK INC	CL A	819047101	17,531	258,183	SH	DFND	1 3 4	258,183	0	0
SHARECARE INC	COM CL A	81948W104	93	37,830	SH	DFND	1 3 4	37,830	0	0
SHAW COMMUNICATIONS INC	CL B CONV	82028K200	421	13,538	SH	DFND	1 3 4	13,538	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	7,780	329,925	SH	DFND	1 3 4	329,925	0	0
SHERWIN WILLIAMS CO	COM	824348106	149,219	597,786	SH	DFND	1 3 4	597,786	0	0
SHERWIN WILLIAMS CO	COM	824348106	4,091	16,389	SH	DFND	1 4	16,389	0	0
SHIFT4 PMTS INC	CL A	82452J109	271	4,377	SH	DFND	1 4	4,377	0	0
SHOALS TECHNOLOGIES GROUP IN	CL A	82489W107	172	10,085	SH	DFND	1 4	10,085	0	0
SHOCKWAVE MED INC	COM	82489T104	843	4,064	SH	DFND	1 3 4	4,064	0	0
SHOCKWAVE MED INC	COM	82489T104	1,271	6,128	SH	DFND	1 4	6,128	0	0
SHOE CARNIVAL INC	COM	824889109	3,845	131,860	SH	DFND	1 3 4	131,860	0	0
SHOPIFY INC	CL A	82509L107	5,867	8,668	SH	DFND	1 3 4	8,668	0	0
SHUTTERSTOCK INC	COM	825690100	396	4,250	SH	DFND	1 4	4,250	0	0
SHUTTERSTOCK INC	COM	825690100	16,935	181,935	SH	DFND	1 3 4	181,935	0	0
SHYFT GROUP INC	COM	825698103	634	17,556	SH	DFND	1 3 4	17,556	0	0
SHYFT GROUP INC	COM	825698103	227	6,286	SH	DFND	1 4	6,286	0	0
SI-BONE INC	COM	825704109	696	30,797	SH	DFND	1 3 4	30,797	0	0
SIENTRA INC	COM	82621J105	126	56,592	SH	DFND	1 3 4	56,592	0	0
SIGA TECHNOLOGIES INC	COM	826917106	178	25,069	SH	DFND	1 3 4	25,069	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	20,983	71,495	SH	DFND	1 3 4	71,495	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	1,750	5,962	SH	DFND	1 4	5,962	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	28,295	389,208	SH	DFND	1 3 4	389,208	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	611	8,400	SH	DFND	1 4	8,400	0	0
SIGNIFY HEALTH INC	CL A COM	82671G100	17,041	938,917	SH	DFND	1 3 4	938,917	0	0
SILGAN HOLDINGS INC	COM	827048109	16,739	362,080	SH	DFND	1 3 4	362,080	0	0

SILGAN HOLDINGS INC	COM	827048109	376	8,132	SH	DFND	1 4	8,132	0	0
SILICON LABORATORIES INC	COM	826919102	18,953	126,187	SH	DFND	1 3 4	126,187	0	0
SILICON LABORATORIES INC	COM	826919102	1,034	6,885	SH	DFND	1 4	6,885	0	0
SILK RD MED INC	COM	82710M100	826	20,001	SH	DFND	1 3 4	20,001	0	0
SILK RD MED INC	COM	82710M100	257	6,236	SH	DFND	1 4	6,236	0	0
SILVERBOW RES INC	COM	82836G102	248	7,741	SH	DFND	1 3 4	7,741	0	0
SILVERGATE CAP CORP	CL A	82837P408	765	5,083	SH	DFND	1 4	5,083	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	21,521	820,796	SH	DFND	1 3 4	820,796	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	232	8,842	SH	DFND	1 4	8,842	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	54,537	414,539	SH	DFND	1 3 4	414,539	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	4,235	32,189	SH	DFND	1 4	32,189	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	216,032	1,642,074	SH	DFND	2 3 4	1,642,074	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	38,716	1,020,191	SH	DFND	1 3 4	1,020,191	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	277	7,298	SH	DFND	1 4	7,298	0	0
SIMPSON MFG INC	COM	829073105	15,647	143,500	SH	DFND	1 3 4	143,500	0	0
SIMPSON MFG INC	COM	829073105	863	7,913	SH	DFND	1 4	7,913	0	0
SIMULATIONS PLUS INC	COM	829214105	5,924	116,208	SH	DFND	1 3 4	116,208	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	682	24,329	SH	DFND	1 3 4	24,329	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	1,243	187,788	SH	DFND	1 3 4	187,788	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	564	85,215	SH	DFND	1 4	85,215	0	0
SIRIUSPOINT LTD	COM	G8192H106	4,250	568,126	SH	DFND	1 3 4	568,126	0	0
SITE CTRS CORP	COM	82981J109	19,810	1,185,542	SH	DFND	1 3 4	1,185,542	0	0
SITE CTRS CORP	COM	82981J109	230	13,756	SH	DFND	1 4	13,756	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	696	4,305	SH	DFND	1 4	4,305	0	0
SITIME CORP	COM	82982T106	81,216	327,720	SH	DFND	1 3 4	327,720	0	0
SITIME CORP	COM	82982T106	727	2,934	SH	DFND	1 4	2,934	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	11,120	255,633	SH	DFND	1 3 4	255,633	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	332	7,631	SH	DFND	1 4	7,631	0	0
SJW GROUP	COM	784305104	2,307	33,152	SH	DFND	1 3 4	33,152	0	0
SKECHERS U S A INC	CL A	830566105	18,164	445,640	SH	DFND	1 3 4	445,640	0	0
SKECHERS U S A INC	CL A	830566105	531	13,027	SH	DFND	1 4	13,027	0	0
SKILLZ INC	COM	83067L109	91	30,303	SH	DFND	1 4	30,303	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	1,570	28,602	SH	DFND	1 3 4	28,602	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	524	9,541	SH	DFND	1 4	9,541	0	0
SKYWEST INC	COM	830879102	9,588	332,327	SH	DFND	1 3 4	332,327	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	25,992	195,018	SH	DFND	1 3 4	195,018	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	2,153	16,151	SH	DFND	1 4	16,151	0	0
SL GREEN RLTY CORP	COM	78440X887	24,982	307,740	SH	DFND	1 3 4	307,740	0	0
SL GREEN RLTY CORP	COM	78440X887	528	6,508	SH	DFND	1 4	6,508	0	0
SLEEP NUMBER CORP	COM	83125X103	7,754	152,907	SH	DFND	1 3 4	152,907	0	0
SLM CORP	COM	78442P106	17,501	953,202	SH	DFND	1 3 4	953,202	0	0
SLM CORP	COM	78442P106	496	27,036	SH	DFND	1 4	27,036	0	0
SM ENERGY CO	COM	78454L100	31,240	802,061	SH	DFND	1 3 4	802,061	0	0
SM ENERGY CO	COM	78454L100	371	9,525	SH	DFND	1 4	9,525	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	10,426	403,651	SH	DFND	1 3 4	403,651	0	0

SMART GLOBAL HLDGS INC	SHS	G8232Y101	229	8,859	SH	DFND	1 4	8,859	0	0
SMARTSHEET INC	COM CL A	83200N103	651	11,892	SH	DFND	1 4	11,892	0	0
SMILEDIRECTCLUB INC	CL A COM	83192H106	35	13,468	SH	DFND	1 3 4	13,468	0	0
SMITH & WESSON BRANDS INC	COM	831754106	1,668	110,239	SH	DFND	1 3 4	110,239	0	0
SMITH A O CORP	COM	831865209	803	12,566	SH	DFND	1 4	12,566	0	0
SMITH A O CORP	COM	831865209	10,265	160,664	SH	DFND	1 3 4	160,664	0	0
SMUCKER J M CO	COM NEW	832696405	16,784	123,946	SH	DFND	1 3 4	123,946	0	0
SMUCKER J M CO	COM NEW	832696405	1,387	10,242	SH	DFND	1 4	10,242	0	0
SNAP INC	CL A	83304A106	16,847	468,093	SH	DFND	1 3 4	468,093	0	0
SNAP ON INC	COM	833034101	85,071	414,011	SH	DFND	1 3 4	414,011	0	0
SNAP ON INC	COM	833034101	1,056	5,138	SH	DFND	1 4	5,138	0	0
SNOWFLAKE INC	CL A	833445109	26,351	115,005	SH	DFND	1 3 4	115,005	0	0
SNOWFLAKE INC	CL A	833445109	3,051	13,314	SH	DFND	1 4	13,314	0	0
SOC TELEMED INC	COM CL A	78472F101	30	10,050	SH	DFND	1 4	10,050	0	0
SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	833635105	6,267	73,212	SH	DFND	1 3 4	73,212	0	0
SOFI TECHNOLOGIES INC	COM	83406F102	120	12,732	SH	DFND	1 3 4	12,732	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	19,212	59,597	SH	DFND	1 3 4	59,597	0	0
SOLARIS OILFIELD INFRASTRUCT	COM CL A	83418M103	216	19,134	SH	DFND	1 3 4	19,134	0	0
SONDER HOLDINGS INC	CLASS A COM	83542D102	13,094	2,756,545	SH	DFND	1 3 4	2,756,545	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	6,577	154,713	SH	DFND	1 3 4	154,713	0	0
SONOCO PRODS CO	COM	835495102	20,320	324,811	SH	DFND	1 3 4	324,811	0	0
SONOCO PRODS CO	COM	835495102	601	9,609	SH	DFND	1 4	9,609	0	0
SONOS INC	COM	83570H108	46,864	1,660,653	SH	DFND	1 3 4	1,660,653	0	0
SONOS INC	COM	83570H108	657	23,289	SH	DFND	1 4	23,289	0	0
SOPHIA GENETICS SA	ORDINARY SHARES	H82027105	6,780	877,188	SH	DFND	1 3 4	877,188	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	79	33,781	SH	DFND	1 3 4	33,781	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	121	51,883	SH	DFND	1 4	51,883	0	0
SOTERA HEALTH CO	COM	83601L102	212	9,793	SH	DFND	1 4	9,793	0	0
SOUTH JERSEY INDS INC	COM	838518108	29,473	853,049	SH	DFND	1 3 4	853,049	0	0
SOUTH JERSEY INDS INC	COM	838518108	283	8,179	SH	DFND	1 4	8,179	0	0
SOUTHERN CO	COM	842587107	2,071	28,563	SH	DFND	1 4	28,563	0	0
SOUTHERN CO	COM	842587107	87,454	1,206,101	SH	DFND	1 3 4	1,206,101	0	0
SOUTHERN COPPER CORP	COM	84265V105	5,768	75,996	SH	DFND	1 3 4	75,996	0	0
SOUTHERN COPPER CORP	COM	84265V105	412	5,426	SH	DFND	1 4	5,426	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	8,732	213,862	SH	DFND	1 3 4	213,862	0	0
SOUTHSTATE CORPORATION	COM	840441109	498	6,108	SH	DFND	1 4	6,108	0	0
SOUTHWEST AIRLS CO	COM	844741108	30,293	661,409	SH	DFND	1 3 4	661,409	0	0
SOUTHWEST AIRLS CO	COM	844741108	2,629	57,400	SH	DFND	1 4	57,400	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	69,078	882,335	SH	DFND	1 3 4	882,335	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	411	5,254	SH	DFND	1 4	5,254	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	52,749	7,356,919	SH	DFND	1 3 4	7,356,919	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	1,323	184,550	SH	DFND	1 4	184,550	0	0
SPARTANNASH CO	COM	847215100	8,457	256,336	SH	DFND	1 3 4	256,336	0	0
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	9,209	146,686	SH	DFND	1 3 4	146,686	0	0
SPDR S&P 500 ETF TR	TR UNIT	78462F103	18,429	40,805	SH	DFND	1 5	40,805	0	0

SPDR SER TR	NUVEEN BLOOMBERG	78464A284	1,094	19,836	SH	DFND	1 3 4	19,836	0	0
SPDR SER TR	S&P DIVID ETF	78464A763	376	2,936	SH	SOLE		2,936	0	0
SPDR SER TR	S&P BK ETF	78464A797	575	10,993	SH	DFND	1 3 4	10,993	0	0
SPDR SER TR	S&P 500 ESG ETF	78468R531	586	13,500	SH	DFND	1 3 4	13,500	0	0
SPDR SER TR	BLOOMBERG HIGH Y	78468R622	4,100	40,000	SH	DFND	1 3 4	40,000	0	0
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	1,560	17,583	SH	DFND	1 3 4	17,583	0	0
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	345	3,891	SH	DFND	1 4	3,891	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	24	18,595	SH	DFND	1 3 4	18,595	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	38	29,706	SH	DFND	1 4	29,706	0	0
SPIRE INC	COM	84857L101	12,270	170,998	SH	DFND	1 3 4	170,998	0	0
SPIRE INC	COM	84857L101	290	4,041	SH	DFND	1 4	4,041	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	504	10,315	SH	DFND	1 4	10,315	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	19,413	421,842	SH	DFND	1 3 4	421,842	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	564	12,246	SH	DFND	1 4	12,246	0	0
SPLUNK INC	COM	848637104	583	3,922	SH	DFND	1 3 4	3,922	0	0
SPLUNK INC	COM	848637104	2,337	15,725	SH	DFND	1 4	15,725	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	6,720	44,497	SH	DFND	1 3 4	44,497	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	2,066	13,677	SH	DFND	1 4	13,677	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	299	5,302	SH	DFND	1 4	5,302	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	322	5,712	SH	DFND	1 3 4	5,712	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	45,993	574,046	SH	DFND	1 3 4	574,046	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	658	8,214	SH	DFND	1 4	8,214	0	0
SPROUTS FMRS MKT INC	COM	85208M102	16,830	526,278	SH	DFND	1 3 4	526,278	0	0
SPROUTS FMRS MKT INC	COM	85208M102	451	14,117	SH	DFND	1 4	14,117	0	0
SPS COMM INC	COM	78463M107	33,703	256,880	SH	DFND	1 3 4	256,880	0	0
SPS COMM INC	COM	78463M107	860	6,553	SH	DFND	1 4	6,553	0	0
SPX CORP	COM	784635104	14,811	299,767	SH	DFND	1 3 4	299,767	0	0
SPX CORP	COM	784635104	357	7,224	SH	DFND	1 4	7,224	0	0
SPX FLOW INC	COM	78469X107	23,895	277,136	SH	DFND	1 3 4	277,136	0	0
SPX FLOW INC	COM	78469X107	318	3,688	SH	DFND	1 4	3,688	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,633	21,772	SH	DFND	1 4	21,772	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	2,921	38,930	SH	DFND	1 3 4	38,930	0	0
SSR MNG INC	COM	784730103	42,169	1,937,849	SH	DFND	1 3 4	1,937,849	0	0
ST JOE CO	COM	790148100	12,900	217,753	SH	DFND	1 3 4	217,753	0	0
ST JOE CO	COM	790148100	359	6,052	SH	DFND	1 4	6,052	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	31,738	397,180	SH	DFND	1 3 4	397,180	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	690	8,630	SH	DFND	1 4	8,630	0	0
STAG INDL INC	COM	85254J102	1,629	39,387	SH	DFND	1 3 4	39,387	0	0
STAG INDL INC	COM	85254J102	588	14,222	SH	DFND	1 4	14,222	0	0
STANDARD MTR PRODS INC	COM	853666105	6,026	139,692	SH	DFND	1 3 4	139,692	0	0
STANDEX INTL CORP	COM	854231107	9,056	90,637	SH	DFND	1 3 4	90,637	0	0
STANLEY BLACK & DECKER INC	COM	854502101	28,217	201,854	SH	DFND	1 3 4	201,854	0	0

STANLEY BLACK & DECKER INC	COM	854502101	2,192	15,682	SH	DFND	1 4	15,682	0	0
STANTEC INC	COM	85472N109	39,496	786,670	SH	DFND	1 3 4	786,670	0	0
STARBUCKS CORP	COM	855244109	7,150	78,598	SH	DFND	1 4	78,598	0	0
STARBUCKS CORP	COM	855244109	233,299	2,564,559	SH	DFND	1 3 4	2,564,559	0	0
STARWOOD PPTY TR INC	COM	85571B105	680	28,144	SH	DFND	1 4	28,144	0	0
STATE STR CORP	COM	857477103	3,091	35,479	SH	DFND	1 4	35,479	0	0
STATE STR CORP	COM	857477103	36,271	416,332	SH	DFND	1 3 4	416,332	0	0
STEEL DYNAMICS INC	COM	858119100	55,733	668,020	SH	DFND	1 3 4	668,020	0	0
STEEL DYNAMICS INC	COM	858119100	1,534	18,383	SH	DFND	1 4	18,383	0	0
STEM INC	COM	85859N102	230	20,874	SH	DFND	1 4	20,874	0	0
STEPAN CO	COM	858586100	13,897	140,644	SH	DFND	1 3 4	140,644	0	0
STEPSTONE GROUP INC	COM CL A	85914M107	1,567	47,403	SH	DFND	1 3 4	47,403	0	0
STEPSTONE GROUP INC	COM CL A	85914M107	274	8,291	SH	DFND	1 4	8,291	0	0
STERICYCLE INC	COM	858912108	17,880	303,461	SH	DFND	1 3 4	303,461	0	0
STERICYCLE INC	COM	858912108	524	8,901	SH	DFND	1 4	8,901	0	0
STERIS PLC	SHS USD	G8473T100	208,008	860,350	SH	DFND	1 3 4	860,350	0	0
STERIS PLC	SHS USD	G8473T100	2,008	8,305	SH	DFND	1 4	8,305	0	0
STERLING CHECK CORP	COM	85917T109	26,321	995,875	SH	DFND	1 3 4	995,875	0	0
STEWART INFORMATION SVCS COR	COM	860372101	13,034	215,047	SH	DFND	1 3 4	215,047	0	0
STIFEL FINL CORP	COM	860630102	673	9,907	SH	DFND	1 4	9,907	0	0
STIFEL FINL CORP	COM	860630102	46,389	683,203	SH	DFND	1 3 4	683,203	0	0
STITCH FIX INC	COM CL A	860897107	150	14,910	SH	DFND	1 4	14,910	0	0
STOCK YDS BANCORP INC	COM	861025104	630	11,909	SH	DFND	1 3 4	11,909	0	0
STONECO LTD	COM CL A	G85158106	256	21,860	SH	DFND	1 4	21,860	0	0
STONEX GROUP INC	COM	861896108	8,398	113,137	SH	DFND	1 3 4	113,137	0	0
STORE CAP CORP	COM	862121100	81,511	2,788,589	SH	DFND	1 3 4	2,788,589	0	0
STORE CAP CORP	COM	862121100	693	23,719	SH	DFND	1 4	23,719	0	0
STORE CAP CORP	COM	862121100	358,876	12,277,671	SH	DFND	2 3 4	12,277,671	0	0
STRATEGIC ED INC	COM	86272C103	9,910	149,290	SH	DFND	1 3 4	149,290	0	0
STRIDE INC	COM	86333M108	908	24,995	SH	DFND	1 3 4	24,995	0	0
STRYKER CORPORATION	COM	863667101	102,152	382,090	SH	DFND	1 3 4	382,090	0	0
STRYKER CORPORATION	COM	863667101	4,150	15,522	SH	DFND	1 4	15,522	0	0
STURM RUGER & CO INC	COM	864159108	210	3,019	SH	DFND	1 4	3,019	0	0
STURM RUGER & CO INC	COM	864159108	9,071	130,290	SH	DFND	1 3 4	130,290	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	7,006	703,418	SH	DFND	1 3 4	703,418	0	0
SUMMIT MATLS INC	CL A	86614U100	294	9,463	SH	DFND	1 4	9,463	0	0
SUMMIT MATLS INC	CL A	86614U100	204,001	6,567,945	SH	DFND	1 3 4	6,567,945	0	0
SUMO LOGIC INC	COM	86646P103	187	16,050	SH	DFND	1 4	16,050	0	0
SUN CMNTYS INC	COM	866674104	17,545	100,093	SH	DFND	1 3 4	100,093	0	0
SUN CMNTYS INC	COM	866674104	1,952	11,133	SH	DFND	1 4	11,133	0	0
SUN CMNTYS INC	COM	866674104	782,582	4,464,496	SH	DFND	2 3 4	4,464,496	0	0
SUN CTRY AIRLS HLDGS INC	COM	866683105	17,389	664,177	SH	DFND	1 3 4	664,177	0	0
SUN LIFE FINANCIAL INC.	COM	866796105	2,690	48,129	SH	DFND	1 3 4	48,129	0	0
SUNCOKE ENERGY INC	COM	86722A103	5,515	618,961	SH	DFND	1 3 4	618,961	0	0
SUNCOR ENERGY INC NEW	COM	867224107	8,409	258,059	SH	DFND	1 3 4	258,059	0	0
SUNPOWER CORP	COM	867652406	5,892	274,296	SH	DFND	1 3 4	274,296	0	0
SUNPOWER CORP	COM	867652406	279	12,975	SH	DFND	1 4	12,975	0	0
SUNRUN INC	COM	86771W105	594	19,574	SH	DFND	1 4	19,574	0	0
SUNRUN INC	COM	86771W105	20,897	688,068	SH	DFND	1 3 4	688,068	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	96,730	8,211,365	SH	DFND	2 3 4	8,211,365	0	0

SUNSTONE HOTEL INVS INC NEW	COM	867892101	204	17,285	SH	DFND	1 4	17,285	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	900	23,645	SH	DFND	1 3 4	23,645	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	12,760	394,796	SH	DFND	1 3 4	394,796	0	0
SURFACE ONCOLOGY INC	COM	86877M209	130	44,105	SH	DFND	1 3 4	44,105	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	5	15,795	SH	DFND	1 3 4	15,795	0	0
SURGERY PARTNERS INC	COM	86881A100	3,110	56,497	SH	DFND	1 3 4	56,497	0	0
SURGERY PARTNERS INC	COM	86881A100	343	6,222	SH	DFND	1 4	6,222	0	0
SURMODICS INC	COM	868873100	4,344	95,836	SH	DFND	1 3 4	95,836	0	0
SUTRO BIOPHARMA INC	COM	869367102	219	26,632	SH	DFND	1 3 4	26,632	0	0
SUZANO S A	SPON ADS	86959K105	5,267	453,289	SH	DFND	1 3 4	453,289	0	0
SVB FINANCIAL GROUP	COM	78486Q101	51,127	91,388	SH	DFND	1 3 4	91,388	0	0
SVB FINANCIAL GROUP	COM	78486Q101	3,078	5,501	SH	DFND	1 4	5,501	0	0
SWITCH INC	CL A	87105L104	13,003	421,889	SH	DFND	1 3 4	421,889	0	0
SWITCH INC	CL A	87105L104	360	11,687	SH	DFND	1 4	11,687	0	0
SYLVAMO CORP	COMMON STOCK	871332102	12,370	371,683	SH	DFND	1 3 4	371,683	0	0
SYNAPTICS INC	COM	87157D109	26,047	130,563	SH	DFND	1 3 4	130,563	0	0
SYNAPTICS INC	COM	87157D109	1,435	7,195	SH	DFND	1 4	7,195	0	0
SYNCHRONY FINANCIAL	COM	87165B103	21,971	631,169	SH	DFND	1 3 4	631,169	0	0
SYNCHRONY FINANCIAL	COM	87165B103	1,777	51,040	SH	DFND	1 4	51,040	0	0
SYNEOS HEALTH INC	CL A	87166B102	91,811	1,134,165	SH	DFND	1 3 4	1,134,165	0	0
SYNEOS HEALTH INC	CL A	87166B102	805	9,950	SH	DFND	1 4	9,950	0	0
SYNOPSIS INC	COM	871607107	96,691	290,128	SH	DFND	1 3 4	290,128	0	0
SYNOPSIS INC	COM	871607107	4,969	14,909	SH	DFND	1 4	14,909	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	25,646	523,391	SH	DFND	1 3 4	523,391	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	694	14,164	SH	DFND	1 4	14,164	0	0
SYSCO CORP	COM	871829107	47,029	575,986	SH	DFND	1 3 4	575,986	0	0
SYSCO CORP	COM	871829107	2,844	34,828	SH	DFND	1 4	34,828	0	0
T2 BIOSYSTEMS INC	COM	89853L104	93	177,785	SH	DFND	1 3 4	177,785	0	0
TACTILE SYS TECHNOLOGY INC	COM	87357P100	2,636	130,761	SH	DFND	1 3 4	130,761	0	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	238,307	2,285,693	SH	DFND	1 3 4	2,125,531	0	160,162
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	20,273	131,867	SH	DFND	1 3 4	131,867	0	0
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	1,723	11,208	SH	DFND	1 4	11,208	0	0
TALKSPACE INC	COM	87427V103	30	17,249	SH	DFND	1 3 4	17,249	0	0
TALOS ENERGY INC	COM	87484T108	4,269	270,343	SH	DFND	1 3 4	270,343	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	28,296	243,320	SH	DFND	1 3 4	243,320	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	706	6,067	SH	DFND	1 4	6,067	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	13,310	774,266	SH	DFND	1 3 4	774,266	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	191	11,112	SH	DFND	1 4	11,112	0	0
TAPESTRY INC	COM	876030107	11,293	303,993	SH	DFND	1 3 4	303,993	0	0
TAPESTRY INC	COM	876030107	963	25,920	SH	DFND	1 4	25,920	0	0
TARGA RES CORP	COM	87612G101	113,652	1,505,937	SH	DFND	1 3 4	1,505,937	0	0
TARGA RES CORP	COM	87612G101	1,654	21,911	SH	DFND	1 4	21,911	0	0
TARGET CORP	COM	87612E106	259,513	1,222,850	SH	DFND	1 3 4	1,222,850	0	0
TARGET CORP	COM	87612E106	4,624	21,791	SH	DFND	1 4	21,791	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	300	11,024	SH	DFND	1 4	11,024	0	0

TAYLOR MORRISON HOME CORP	COM	87724P106	62,039	2,279,159	SH	DFND	1 3 4	2,279,159	0	0
TC ENERGY CORP	COM	87807B107	4,740	83,960	SH	DFND	1 3 4	83,960	0	0
TD SYNnex CORPORATION	COM	87162W100	47,690	462,061	SH	DFND	1 3 4	462,061	0	0
TD SYNnex CORPORATION	COM	87162W100	418	4,049	SH	DFND	1 4	4,049	0	0
TE CONNECTIVITY LTD	SHS	H84989104	52,721	402,515	SH	DFND	1 3 4	402,515	0	0
TECHTARGET INC	COM	87874R100	14,307	176,018	SH	DFND	1 3 4	176,018	0	0
TECHTARGET INC	COM	87874R100	386	4,745	SH	DFND	1 4	4,745	0	0
TECK RESOURCES LTD	CL B	878742204	512	12,660	SH	DFND	1 3 4	12,660	0	0
TEGNA INC	COM	87901J105	18,297	816,816	SH	DFND	1 3 4	816,816	0	0
TEGNA INC	COM	87901J105	393	17,559	SH	DFND	1 4	17,559	0	0
TELADOC HEALTH INC	COM	87918A105	5,543	76,841	SH	DFND	1 3 4	76,841	0	0
TELADOC HEALTH INC	COM	87918A105	1,059	14,684	SH	DFND	1 4	14,684	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	25,209	53,338	SH	DFND	1 3 4	53,338	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	2,113	4,471	SH	DFND	1 4	4,471	0	0
TELEFLEX INCORPORATED	COM	879369106	43,241	121,862	SH	DFND	1 3 4	121,862	0	0
TELEFLEX INCORPORATED	COM	879369106	1,625	4,580	SH	DFND	1 4	4,580	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	14,421	763,806	SH	DFND	1 3 4	763,806	0	0
TELLURIAN INC NEW	COM	87968A104	357	67,303	SH	DFND	1 4	67,303	0	0
TELUS CORPORATION	COM	87971M103	3,430	131,183	SH	DFND	1 3 4	131,183	0	0
TEMPUR SEALY INTL INC	COM	88023U101	19,161	686,288	SH	DFND	1 3 4	686,288	0	0
TEMPUR SEALY INTL INC	COM	88023U101	498	17,846	SH	DFND	1 4	17,846	0	0
TENABLE HLDGS INC	COM	88025T102	34,145	590,842	SH	DFND	1 3 4	590,842	0	0
TENABLE HLDGS INC	COM	88025T102	969	16,766	SH	DFND	1 4	16,766	0	0
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	176	36,058	SH	DFND	1 3 4	36,058	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	66,140	769,435	SH	DFND	1 3 4	769,435	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	839	9,759	SH	DFND	1 4	9,759	0	0
TENNANT CO	COM	880345103	264	3,353	SH	DFND	1 4	3,353	0	0
TENNANT CO	COM	880345103	10,476	132,946	SH	DFND	1 3 4	132,946	0	0
TENNECO INC	CL A VTG COM STK	880349105	216	11,814	SH	DFND	1 4	11,814	0	0
TERADATA CORP DEL	COM	88076W103	528	10,706	SH	DFND	1 4	10,706	0	0
TERADATA CORP DEL	COM	88076W103	17,666	358,419	SH	DFND	1 3 4	358,419	0	0
TERADYNE INC	COM	880770102	44,286	374,574	SH	DFND	1 3 4	374,574	0	0
TERADYNE INC	COM	880770102	1,905	16,112	SH	DFND	1 4	16,112	0	0
TEREX CORP NEW	COM	880779103	10,496	294,336	SH	DFND	1 3 4	294,336	0	0
TEREX CORP NEW	COM	880779103	443	12,427	SH	DFND	1 4	12,427	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	538	11,785	SH	DFND	1 4	11,785	0	0
TERRENO RLTY CORP	COM	88146M101	70,776	955,794	SH	DFND	1 3 4	955,794	0	0
TERRENO RLTY CORP	COM	88146M101	434	5,855	SH	DFND	1 4	5,855	0	0
TERRENO RLTY CORP	COM	88146M101	307,014	4,146,048	SH	DFND	2 3 4	4,146,048	0	0
TESLA INC	COM	88160R101	1,092,023	1,013,384	SH	DFND	1 3 4	1,013,384	0	0
TESLA INC	COM	88160R101	61,282	56,869	SH	DFND	1 4	56,869	0	0
TETRA TECH INC NEW	COM	88162G103	1,615	9,794	SH	DFND	1 4	9,794	0	0
TETRA TECH INC NEW	COM	88162G103	39,190	237,601	SH	DFND	1 3 4	237,601	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	80	19,439	SH	DFND	1 4	19,439	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	828	201,548	SH	DFND	1 3 4	201,548	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	960	102,269	SH	DFND	1 3 4	102,269	0	0

TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	353	37,558	SH	DFND	1 4	37,558	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	9,584	167,237	SH	DFND	1 3 4	167,237	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	346	6,032	SH	DFND	1 4	6,032	0	0
TEXAS INSTRS INC	COM	882508104	193,234	1,053,162	SH	DFND	1 3 4	1,053,162	0	0
TEXAS INSTRS INC	COM	882508104	8,912	48,572	SH	DFND	1 4	48,572	0	0
TEXAS PACIFIC LAND CORPORATI	COM	88262P102	788	583	SH	DFND	1 4	583	0	0
TEXAS ROADHOUSE INC	COM	882681109	19,263	230,065	SH	DFND	1 3 4	230,065	0	0
TEXAS ROADHOUSE INC	COM	882681109	1,064	12,713	SH	DFND	1 4	12,713	0	0
TEXTRON INC	COM	883203101	18,665	250,935	SH	DFND	1 3 4	250,935	0	0
TEXTRON INC	COM	883203101	1,593	21,422	SH	DFND	1 4	21,422	0	0
TFI INTL INC	COM	87241L109	39,060	366,410	SH	DFND	1 3 4	353,410	0	13,000
TG THERAPEUTICS INC	COM	88322Q108	154	16,184	SH	DFND	1 3 4	16,184	0	0
TG THERAPEUTICS INC	COM	88322Q108	226	23,713	SH	DFND	1 4	23,713	0	0
THE AARONS COMPANY INC	COM	00258W108	4,170	207,673	SH	DFND	1 3 4	207,673	0	0
THE BEAUTY HEALTH COMPANY	COM CL A	88331L108	16,850	998,200	SH	DFND	1 3 4	998,200	0	0
THE BEAUTY HEALTH COMPANY	COM CL A	88331L108	253	15,015	SH	DFND	1 4	15,015	0	0
THE NECESSITY RETAIL REIT IN	COM CLASS A	02607T109	82	10,424	SH	DFND	1 4	10,424	0	0
THE ODP CORP	COM	88337F105	13,884	302,938	SH	DFND	1 3 4	302,938	0	0
THE REALREAL INC	COM	88339P101	106	14,611	SH	DFND	1 4	14,611	0	0
THE TRADE DESK INC	COM CL A	88339J105	23,313	336,644	SH	DFND	1 3 4	336,644	0	0
THE TRADE DESK INC	COM CL A	88339J105	2,974	42,947	SH	DFND	1 4	42,947	0	0
THERAPEUTICSMD INC	COM	88338N107	18	48,021	SH	DFND	1 3 4	48,021	0	0
THERAPEUTICSMD INC	COM	88338N107	29	75,298	SH	DFND	1 4	75,298	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	101	10,525	SH	DFND	1 4	10,525	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	376,806	637,951	SH	DFND	1 3 4	637,951	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	7,117	12,050	SH	DFND	1 4	12,050	0	0
THOMSON REUTERS CORP.	COM NEW	884903709	547	5,034	SH	DFND	1 3 4	5,034	0	0
THOR INDS INC	COM	885160101	416	5,284	SH	DFND	1 4	5,284	0	0
THOR INDS INC	COM	885160101	15,943	202,577	SH	DFND	1 3 4	202,577	0	0
THREDUP INC	CL A	88556E102	6,866	891,708	SH	DFND	1 3 4	891,708	0	0
THRYV HLDGS INC	COM NEW	886029206	3,154	112,171	SH	DFND	1 3 4	112,171	0	0
TILLYS INC	CL A	886885102	218	23,239	SH	DFND	1 3 4	23,239	0	0
TIMKEN CO	COM	887389104	49,192	810,414	SH	DFND	1 3 4	810,414	0	0
TIMKEN CO	COM	887389104	378	6,226	SH	DFND	1 4	6,226	0	0
TIMKENSTEEL CORPORATION	COM	887399103	5,941	271,527	SH	DFND	1 3 4	271,527	0	0
TITAN INTL INC ILL	COM	88830M102	4,980	338,064	SH	DFND	1 3 4	338,064	0	0
TITAN MACHY INC	COM	88830R101	24,712	874,461	SH	DFND	1 3 4	874,461	0	0
TIVITY HEALTH INC	COM	88870R102	10,785	335,235	SH	DFND	1 3 4	335,235	0	0
TIVITY HEALTH INC	COM	88870R102	200	6,216	SH	DFND	1 4	6,216	0	0
TJX COS INC NEW	COM	872540109	4,937	81,495	SH	DFND	1 4	81,495	0	0
TJX COS INC NEW	COM	872540109	86,080	1,420,927	SH	DFND	1 3 4	1,420,927	0	0
T-MOBILE US INC	COM	872590104	132,060	1,028,903	SH	DFND	1 3 4	1,028,903	0	0
T-MOBILE US INC	COM	872590104	2,042	15,908	SH	DFND	1 4	15,908	0	0
TOLL BROTHERS INC	COM	889478103	18,483	393,085	SH	DFND	1 3 4	393,085	0	0
TOLL BROTHERS INC	COM	889478103	519	11,039	SH	DFND	1 4	11,039	0	0
TOMPKINS FINL CORP	COM	890110109	6,644	84,888	SH	DFND	1 3 4	84,888	0	0
TONIX PHARMACEUTICALS HLDG C	COM	890260706	9	40,512	SH	DFND	1 3 4	40,512	0	0
TONIX PHARMACEUTICALS	COM	890260706	9	38,433	SH	DFND	1 4	38,433	0	0



HLDG C										
TOOTSIE ROLL INDS INC	COM	890516107	4,121	117,891	SH	DFND	1 3 4	117,891	0	0
TOPBUILD CORP	COM	89055F103	19,729	108,764	SH	DFND	1 3 4	108,764	0	0
TOPBUILD CORP	COM	89055F103	587	3,238	SH	DFND	1 4	3,238	0	0
TORO CO	COM	891092108	31,377	367,020	SH	DFND	1 3 4	367,020	0	0
TORO CO	COM	891092108	900	10,532	SH	DFND	1 4	10,532	0	0
TORONTO DOMINION BK ONT	COM NEW	891160509	206,389	2,598,948	SH	DFND	1 3 4	2,598,948	0	0
TOWER SEMICONDUCTOR LTD	SHS NEW	M87915274	55,334	1,143,263	SH	DFND	1 3 4	1,143,263	0	0
TRACTOR SUPPLY CO	COM	892356106	116,435	498,929	SH	DFND	1 3 4	498,929	0	0
TRACTOR SUPPLY CO	COM	892356106	2,621	11,230	SH	DFND	1 4	11,230	0	0
TRADEWEB MKTS INC	CL A	892672106	5,213	59,322	SH	DFND	1 3 4	59,322	0	0
TRADEWEB MKTS INC	CL A	892672106	896	10,193	SH	DFND	1 4	10,193	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	201,175	1,317,454	SH	DFND	1 3 4	1,317,454	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	3,493	22,872	SH	DFND	1 4	22,872	0	0
TRANSCAT INC	COM	893529107	200	2,465	SH	DFND	1 3 4	2,465	0	0
TRANSDIGM GROUP INC	COM	893641100	2,006,173	3,079,126	SH	DFND	1 3 4	3,079,126	0	0
TRANSDIGM GROUP INC	COM	893641100	3,337	5,122	SH	DFND	1 4	5,122	0	0
TRANSMEDICS GROUP INC	COM	89377M109	462	17,150	SH	DFND	1 3 4	17,150	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	5,028	1,100,290	SH	DFND	1 3 4	1,100,290	0	0
TRANSUNION	COM	89400J107	415,401	4,019,751	SH	DFND	1 3 4	4,019,751	0	0
TRANSUNION	COM	89400J107	1,944	18,815	SH	DFND	1 4	18,815	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	176,096	3,039,273	SH	DFND	2 3 4	3,039,273	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	20,617	355,845	SH	DFND	1 3 4	355,845	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	493	8,504	SH	DFND	1 4	8,504	0	0
TRAVELERS COMPANIES INC	COM	89417E109	55,303	302,648	SH	DFND	1 3 4	302,648	0	0
TRAVELERS COMPANIES INC	COM	89417E109	1,189	6,505	SH	DFND	1 4	6,505	0	0
TREACE MED CONCEPTS INC	COM	89455T109	219	11,573	SH	DFND	1 3 4	11,573	0	0
TREDEGAR CORP	COM	894650100	2,033	169,594	SH	DFND	1 3 4	169,594	0	0
TREEHOUSE FOODS INC	COM	89469A104	11,871	367,973	SH	DFND	1 3 4	367,973	0	0
TREVENA INC	COM	89532E109	9	16,715	SH	DFND	1 4	16,715	0	0
TREX CO INC	COM	89531P105	24,844	380,278	SH	DFND	1 3 4	380,278	0	0
TREX CO INC	COM	89531P105	747	11,434	SH	DFND	1 4	11,434	0	0
TRI POINTE HOMES INC	COM	87265H109	9,190	457,645	SH	DFND	1 3 4	457,645	0	0
TRICO BANCSHARES	COM	896095106	737	18,412	SH	DFND	1 3 4	18,412	0	0
TRICON RESIDENTIAL INC	COM NPV	89612W102	495	31,100	SH	DFND	1 3 4	31,100	0	0
TRIMBLE INC	COM	896239100	20,549	284,850	SH	DFND	1 3 4	284,850	0	0
TRIMBLE INC	COM	896239100	1,755	24,328	SH	DFND	1 4	24,328	0	0
TRINET GROUP INC	COM	896288107	724	7,362	SH	DFND	1 4	7,362	0	0
TRINITY INDS INC	COM	896522109	9,284	270,193	SH	DFND	1 3 4	270,193	0	0
TRINITY INDS INC	COM	896522109	212	6,157	SH	DFND	1 4	6,157	0	0
TRINSEO PLC	SHS	G9059U107	13,644	284,720	SH	DFND	1 3 4	284,720	0	0
TRINSEO PLC	SHS	G9059U107	339	7,068	SH	DFND	1 4	7,068	0	0
TRIP COM GROUP LTD	ADS	89677Q107	2,246	97,162	SH	DFND	1 3 4	97,162	0	0
TRIPADVISOR INC	COM	896945201	8,874	327,205	SH	DFND	1 3 4	327,205	0	0
TRIPADVISOR INC	COM	896945201	270	9,971	SH	DFND	1 4	9,971	0	0
TRITON INTL LTD	CL A	G9078F107	10,157	144,732	SH	DFND	1 3 4	144,732	0	0
TRITON INTL LTD	CL A	G9078F107	372	5,299	SH	DFND	1 4	5,299	0	0
TRIUMPH BANCORP INC	COM	89679E300	16,780	178,477	SH	DFND	1 3 4	178,477	0	0
TRIUMPH BANCORP INC	COM	89679E300	391	4,158	SH	DFND	1 4	4,158	0	0
TRIUMPH GROUP INC NEW	COM	896818101	10,781	426,476	SH	DFND	1 3 4	426,476	0	0

TRUEBLUE INC	COM	89785X101	6,767	234,237	SH	DFND	1 3 4	234,237	0	0
TRUIST FINL CORP	COM	89832Q109	2,030	35,809	SH	DFND	1 4	35,809	0	0
TRUIST FINL CORP	COM	89832Q109	86,214	1,520,535	SH	DFND	1 3 4	1,520,535	0	0
TRUPANION INC	COM	898202106	20,172	226,341	SH	DFND	1 3 4	226,341	0	0
TRUPANION INC	COM	898202106	618	6,935	SH	DFND	1 4	6,935	0	0
TRUSTCO BK CORP N Y	COM NEW	898349204	4,054	126,956	SH	DFND	1 3 4	126,956	0	0
TRUSTMARK CORP	COM	898402102	12,374	407,170	SH	DFND	1 3 4	407,170	0	0
TTEC HLDGS INC	COM	89854H102	10,855	131,546	SH	DFND	1 3 4	131,546	0	0
TTEC HLDGS INC	COM	89854H102	277	3,358	SH	DFND	1 4	3,358	0	0
TTM TECHNOLOGIES INC	COM	87305R109	10,211	688,993	SH	DFND	1 3 4	688,993	0	0
TUPPERWARE BRANDS CORP	COM	899896104	6,271	322,432	SH	DFND	1 3 4	322,432	0	0
TURNING PT BRANDS INC	COM	90041L105	284	8,337	SH	DFND	1 3 4	8,337	0	0
TUSIMPLE HLDGS INC	CL A	90089L108	160	13,152	SH	DFND	1 4	13,152	0	0
TUTOR PERINI CORP	COM	901109108	7,927	733,923	SH	DFND	1 3 4	733,923	0	0
TWILIO INC	CL A	90138F102	676	4,102	SH	DFND	1 3 4	4,102	0	0
TWILIO INC	CL A	90138F102	1,053	6,390	SH	DFND	1 4	6,390	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	496	10,050	SH	DFND	1 4	10,050	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	283	5,726	SH	DFND	1 3 4	5,726	0	0
TWITTER INC	COM	90184L102	35,107	907,397	SH	DFND	1 3 4	907,397	0	0
TWITTER INC	COM	90184L102	2,938	75,946	SH	DFND	1 4	75,946	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	12,554	2,270,221	SH	DFND	1 3 4	2,270,221	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	152	27,427	SH	DFND	1 4	27,427	0	0
TYLER TECHNOLOGIES INC	COM	902252105	786,210	1,767,200	SH	DFND	1 3 4	1,767,200	0	0
TYLER TECHNOLOGIES INC	COM	902252105	1,764	3,964	SH	DFND	1 4	3,964	0	0
TYME TECHNOLOGIES INC	COM	90238J103	7	19,514	SH	DFND	1 3 4	19,514	0	0
TYSON FOODS INC	CL A	902494103	153,510	1,712,700	SH	DFND	1 3 4	1,712,700	0	0
TYSON FOODS INC	CL A	902494103	2,501	27,908	SH	DFND	1 4	27,908	0	0
U S PHYSICAL THERAPY	COM	90337L108	231	2,321	SH	DFND	1 4	2,321	0	0
U S PHYSICAL THERAPY	COM	90337L108	8,927	89,764	SH	DFND	1 3 4	89,764	0	0
U S SILICA HLDGS INC	COM	90346E103	9,179	491,900	SH	DFND	1 3 4	491,900	0	0
UBER TECHNOLOGIES INC	COM	90353T100	1,260	35,322	SH	DFND	1 3 4	35,322	0	0
UBER TECHNOLOGIES INC	COM	90353T100	3,583	100,410	SH	DFND	1 4	100,410	0	0
UBIQUITI INC	COM	90353W103	636	2,183	SH	DFND	1 3 4	2,183	0	0
UDR INC	COM	902653104	4,548	79,281	SH	DFND	2 3 4	79,281	0	0
UDR INC	COM	902653104	19,616	341,929	SH	DFND	1 3 4	341,929	0	0
UDR INC	COM	902653104	1,764	30,754	SH	DFND	1 4	30,754	0	0
UFP INDUSTRIES INC	COM	90278Q108	34,358	445,285	SH	DFND	1 3 4	445,285	0	0
UFP INDUSTRIES INC	COM	90278Q108	799	10,356	SH	DFND	1 4	10,356	0	0
UGI CORP NEW	COM	902681105	26,015	718,238	SH	DFND	1 3 4	718,238	0	0
UGI CORP NEW	COM	902681105	734	20,266	SH	DFND	1 4	20,266	0	0
ULTA BEAUTY INC	COM	90384S303	31,566	79,267	SH	DFND	1 3 4	79,267	0	0
ULTA BEAUTY INC	COM	90384S303	2,080	5,224	SH	DFND	1 4	5,224	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	12,562	296,341	SH	DFND	1 3 4	296,341	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	342	8,062	SH	DFND	1 4	8,062	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	570	7,846	SH	DFND	1 3 4	7,846	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	461	6,349	SH	DFND	1 4	6,349	0	0
UMB FINL CORP	COM	902788108	338	3,477	SH	DFND	1 4	3,477	0	0
UMB FINL CORP	COM	902788108	18,203	187,351	SH	DFND	1 3 4	187,351	0	0
UMH PPTYS INC	COM	903002103	655	26,635	SH	DFND	1 3 4	26,635	0	0
UMPQUA HLDGS CORP	COM	904214103	13,496	715,607	SH	DFND	1 3 4	715,607	0	0

UMPQUA HLDGS CORP	COM	904214103	400	21,192	SH	DFND	1 4	21,192	0	0
UNDER ARMOUR INC	CL A	904311107	3,566	209,494	SH	DFND	1 3 4	209,494	0	0
UNDER ARMOUR INC	CL A	904311107	313	18,399	SH	DFND	1 4	18,399	0	0
UNDER ARMOUR INC	CL C	904311206	3,758	241,496	SH	DFND	1 3 4	241,496	0	0
UNDER ARMOUR INC	CL C	904311206	304	19,552	SH	DFND	1 4	19,552	0	0
UNIFI INC	COM NEW	904677200	1,660	91,723	SH	DFND	1 3 4	91,723	0	0
UNIFIRST CORP MASS	COM	904708104	18,507	100,429	SH	DFND	1 3 4	100,429	0	0
UNIFIRST CORP MASS	COM	904708104	221	1,198	SH	DFND	1 4	1,198	0	0
UNION PAC CORP	COM	907818108	601,064	2,200,008	SH	DFND	1 3 4	2,200,008	0	0
UNION PAC CORP	COM	907818108	9,328	34,142	SH	DFND	1 4	34,142	0	0
UNIQUIRE NV	SHS	N90064101	4,391	243,006	SH	DFND	1 3 4	243,006	0	0
UNISYS CORP	COM NEW	909214306	9,572	442,961	SH	DFND	1 3 4	442,961	0	0
UNISYS CORP	COM NEW	909214306	229	10,595	SH	DFND	1 4	10,595	0	0
UNITED AIRLS HLDGS INC	COM	910047109	1,456	31,409	SH	DFND	1 4	31,409	0	0
UNITED AIRLS HLDGS INC	COM	910047109	16,671	359,594	SH	DFND	1 3 4	359,594	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	15,716	450,562	SH	DFND	1 3 4	450,562	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	365	10,472	SH	DFND	1 4	10,472	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	95,644	2,748,371	SH	DFND	1 3 4	2,748,371	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	289	8,311	SH	DFND	1 4	8,311	0	0
UNITED FIRE GROUP INC	COM	910340108	4,427	142,487	SH	DFND	1 3 4	142,487	0	0
UNITED NAT FOODS INC	COM	911163103	16,489	398,769	SH	DFND	1 3 4	398,769	0	0
UNITED NAT FOODS INC	COM	911163103	204	4,925	SH	DFND	1 4	4,925	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	188,719	879,971	SH	DFND	1 3 4	879,971	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	10,605	49,449	SH	DFND	1 4	49,449	0	0
UNITED RENTALS INC	COM	911363109	47,295	133,146	SH	DFND	1 3 4	133,146	0	0
UNITED RENTALS INC	COM	911363109	2,509	7,063	SH	DFND	1 4	7,063	0	0
UNITED STATES STL CORP NEW	COM	912909108	32,531	861,969	SH	DFND	1 3 4	861,969	0	0
UNITED STATES STL CORP NEW	COM	912909108	949	25,134	SH	DFND	1 4	25,134	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	26,692	148,774	SH	DFND	1 3 4	148,774	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	767	4,274	SH	DFND	1 4	4,274	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	827,272	1,622,197	SH	DFND	1 3 4	1,622,197	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	14,317	28,074	SH	DFND	1 4	28,074	0	0
UNITI GROUP INC	COM	91325V108	21,449	1,558,823	SH	DFND	1 3 4	1,558,823	0	0
UNITI GROUP INC	COM	91325V108	216	15,671	SH	DFND	1 4	15,671	0	0
UNITIL CORP	COM	913259107	5,708	114,431	SH	DFND	1 3 4	114,431	0	0
UNITY SOFTWARE INC	COM	91332U101	16,018	161,447	SH	DFND	1 3 4	161,447	0	0
UNITY SOFTWARE INC	COM	91332U101	1,478	14,895	SH	DFND	1 4	14,895	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	18,151	564,746	SH	DFND	1 3 4	564,746	0	0
UNIVAR SOLUTIONS INC	COM	91336L107	525	16,322	SH	DFND	1 4	16,322	0	0
UNIVERSAL CORP VA	COM	913456109	10,054	173,133	SH	DFND	1 3 4	173,133	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	713	4,268	SH	DFND	1 4	4,268	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	23,911	143,222	SH	DFND	1 3 4	143,222	0	0
UNIVERSAL ELECTRS INC	COM	913483103	2,834	90,702	SH	DFND	1 3 4	90,702	0	0
UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	91359E105	4,946	84,742	SH	DFND	1 3 4	84,742	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	58,307	402,259	SH	DFND	1 3 4	402,259	0	0

UNIVERSAL HLTH SVCS INC	CL B	913903100	1,002	6,911	SH	DFND	1 4	6,911	0	0
UNIVERSAL INS HLDGS INC	COM	91359V107	2,500	185,341	SH	DFND	1 3 4	185,341	0	0
UNUM GROUP	COM	91529Y106	25,863	820,774	SH	DFND	1 3 4	820,774	0	0
UNUM GROUP	COM	91529Y106	625	19,846	SH	DFND	1 4	19,846	0	0
UPSTART HLDGS INC	COM	91680M107	519	4,759	SH	DFND	1 4	4,759	0	0
UPWORK INC	COM	91688F104	498	21,427	SH	DFND	1 4	21,427	0	0
URANIUM ENERGY CORP	COM	916896103	220	48,013	SH	DFND	1 4	48,013	0	0
URBAN EDGE PPTYS	COM	91704F104	15,739	824,056	SH	DFND	1 3 4	824,056	0	0
URBAN OUTFITTERS INC	COM	917047102	5,774	229,967	SH	DFND	1 3 4	229,967	0	0
URBAN OUTFITTERS INC	COM	917047102	264	10,495	SH	DFND	1 4	10,495	0	0
UR-ENERGY INC	COM	91688R108	52	32,365	SH	DFND	1 4	32,365	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	4,071	216,415	SH	DFND	1 3 4	216,415	0	0
US BANCORP DEL	COM NEW	902973304	1,926	36,245	SH	DFND	1 4	36,245	0	0
US BANCORP DEL	COM NEW	902973304	81,631	1,535,853	SH	DFND	1 3 4	1,535,853	0	0
US ECOLOGY INC	COM	91734M103	9,882	206,397	SH	DFND	1 3 4	206,397	0	0
US FOODS HLDG CORP	COM	912008109	809	21,493	SH	DFND	1 4	21,493	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	6,527	82,156	SH	DFND	1 3 4	82,156	0	0
UTZ BRANDS INC	COM CL A	918090101	160	10,808	SH	DFND	1 4	10,808	0	0
V F CORP	COM	918204108	20,843	366,568	SH	DFND	1 3 4	366,568	0	0
V F CORP	COM	918204108	1,809	31,821	SH	DFND	1 4	31,821	0	0
VAIL RESORTS INC	COM	91879Q109	462,442	1,776,781	SH	DFND	1 3 4	1,776,781	0	0
VAIL RESORTS INC	COM	91879Q109	1,025	3,939	SH	DFND	1 4	3,939	0	0
VALE S A	SPONSORED ADS	91912E105	5,244	262,335	SH	DFND	1 3 4	262,335	0	0
VALERO ENERGY CORP	COM	91913Y100	84,875	835,875	SH	DFND	1 3 4	835,875	0	0
VALERO ENERGY CORP	COM	91913Y100	4,029	39,675	SH	DFND	1 4	39,675	0	0
VALLEY NATL BANCORP	COM	919794107	18,126	1,392,185	SH	DFND	1 3 4	1,392,185	0	0
VALLEY NATL BANCORP	COM	919794107	414	31,800	SH	DFND	1 4	31,800	0	0
VALMONT INDS INC	COM	920253101	485	2,031	SH	DFND	1 4	2,031	0	0
VALMONT INDS INC	COM	920253101	16,728	70,111	SH	DFND	1 3 4	70,111	0	0
VALVOLINE INC	COM	92047W101	18,699	592,493	SH	DFND	1 3 4	592,493	0	0
VALVOLINE INC	COM	92047W101	553	17,534	SH	DFND	1 4	17,534	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	4,530	400,524	SH	DFND	1 3 4	400,524	0	0
VANECK ETF TRUST	VANECK SHRT MUNI	92189F528	426	24,903	SH	SOLE		24,903	0	0
VANECK ETF TRUST	HIGH YLD MUNIETF	92189H409	1,648	28,704	SH	DFND	1 3 4	28,704	0	0
VANGUARD BD INDEX FDS	LONG TERM BOND	921937793	30,693	334,744	SH	DFND	1 5	334,744	0	0
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	1,621	14,958	SH	DFND	2 3 4	14,958	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	6,147	25,845	SH	DFND	1 3 4	25,845	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	856	3,600	SH	DFND	1 5	3,600	0	0
VANGUARD INDEX FDS	GROWTH ETF	922908736	1,101	3,827	SH	DFND	1 3 4	3,827	0	0
VANGUARD INDEX FDS	SMALL CP ETF	922908751	491	2,312	SH	SOLE		2,312	0	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	230	4,989	SH	SOLE		4,989	0	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	14,083	180,349	SH	DFND	1 5	180,349	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000IDX	92206C664	3,258	39,322	SH	DFND	1 5	39,322	0	0
VANGUARD SCOTTSDALE FDS	VNG RUS1000GRW	92206C680	4,569	64,026	SH	DFND	1 5	64,026	0	0
VANGUARD	VNG	92206C714	4,762	65,409	SH	DFND	1 5	65,409	0	0

SCOTTSDALE FDS	RUS1000VAL									
VANGUARD SCOTTSDALE FDS	LG-TERM COR BD	92206C813	15,573	166,249	SH	DFND	1 5	166,249	0	0
VANGUARD SCOTTSDALE FDS	INT-TERM CORP	92206C870	12,548	145,843	SH	DFND	1 5	145,843	0	0
VANGUARD SCOTTSDALE FDS	INT-TERM CORP	92206C870	206	2,394	SH	SOLE		2,394	0	0
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	2,528	52,628	SH	DFND	1 5	52,628	0	0
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	556	11,584	SH	SOLE		11,584	0	0
VAREX IMAGING CORP	COM	92214X106	6,366	299,029	SH	DFND	1 3 4	299,029	0	0
VARONIS SYS INC	COM	922280102	924	19,445	SH	DFND	1 4	19,445	0	0
VAXART INC	COM NEW	92243A200	70	13,918	SH	DFND	1 3 4	13,918	0	0
VAXART INC	COM NEW	92243A200	107	21,227	SH	DFND	1 4	21,227	0	0
VBI VACCINES INC CDA	COM NEW	91822J103	54	32,258	SH	DFND	1 4	32,258	0	0
VECTOR GROUP LTD	COM	92240M108	10,744	892,365	SH	DFND	1 3 4	892,365	0	0
VECTOR GROUP LTD	COM	92240M108	163	13,575	SH	DFND	1 4	13,575	0	0
VEECO INSTRS INC DEL	COM	922417100	10,482	385,499	SH	DFND	1 3 4	385,499	0	0
VEEVA SYS INC	CL A COM	922475108	15,565	73,263	SH	DFND	1 3 4	73,263	0	0
VEEVA SYS INC	CL A COM	922475108	2,916	13,727	SH	DFND	1 4	13,727	0	0
VELOCITYNE LIDAR INC	COM	92259F101	35	13,838	SH	DFND	1 4	13,838	0	0
VENTAS INC	COM	92276F100	49,497	801,438	SH	DFND	1 3 4	801,438	0	0
VENTAS INC	COM	92276F100	2,393	38,742	SH	DFND	1 4	38,742	0	0
VENTAS INC	COM	92276F100	1,007,653	16,315,620	SH	DFND	2 3 4	16,315,620	0	0
VERA BRADLEY INC	COM	92335C106	1,284	167,357	SH	DFND	1 3 4	167,357	0	0
VERACYTE INC	COM	92337F107	221	8,032	SH	DFND	1 3 4	8,032	0	0
VERASTEM INC	COM	92337C104	238	168,848	SH	DFND	1 3 4	168,848	0	0
VERASTEM INC	COM	92337C104	44	31,349	SH	DFND	1 4	31,349	0	0
VERICEL CORP	COM	92346J108	12,957	339,002	SH	DFND	1 3 4	339,002	0	0
VERICEL CORP	COM	92346J108	323	8,443	SH	DFND	1 4	8,443	0	0
VERINT SYS INC	COM	92343X100	265	5,134	SH	DFND	1 4	5,134	0	0
VERIS RESIDENTIAL INC	COM	554489104	9,194	528,714	SH	DFND	1 3 4	528,714	0	0
VERISIGN INC	COM	92343E102	597,368	2,685,280	SH	DFND	1 3 4	2,685,280	0	0
VERISIGN INC	COM	92343E102	2,104	9,456	SH	DFND	1 4	9,456	0	0
VERISK ANALYTICS INC	COM	92345Y106	416,001	1,938,225	SH	DFND	1 3 4	1,938,225	0	0
VERISK ANALYTICS INC	COM	92345Y106	3,346	15,591	SH	DFND	1 4	15,591	0	0
VERITEX HLDGS INC	COM	923451108	13,855	362,993	SH	DFND	1 3 4	362,993	0	0
VERITIV CORP	COM	923454102	13,140	98,360	SH	DFND	1 3 4	98,360	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	550,312	10,803,135	SH	DFND	1 3 4	10,803,135	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	5,781	113,477	SH	DFND	1 4	113,477	0	0
VERRA MOBILITY CORP	COM	92511U102	450	27,637	SH	DFND	1 4	27,637	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	75,624	289,781	SH	DFND	1 3 4	289,781	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	2,885	11,056	SH	DFND	1 4	11,056	0	0
VERTIV HOLDINGS CO	COM CL A	92537N108	445	31,769	SH	DFND	1 4	31,769	0	0
VIAD CORP	COM	92552R406	4,827	135,425	SH	DFND	1 3 4	135,425	0	0
VIASAT INC	COM	92552V100	14,010	287,080	SH	DFND	1 3 4	287,080	0	0
VIASAT INC	COM	92552V100	330	6,755	SH	DFND	1 4	6,755	0	0
VIATRIS INC	COM	92556V106	16,447	1,511,634	SH	DFND	1 3 4	1,511,634	0	0
VIATRIS INC	COM	92556V106	1,277	117,398	SH	DFND	1 4	117,398	0	0
VIAVI SOLUTIONS INC	COM	925550105	24,411	1,518,114	SH	DFND	1 3 4	1,518,114	0	0
VIAVI SOLUTIONS INC	COM	925550105	630	39,171	SH	DFND	1 4	39,171	0	0
VICI PPTYS INC	COM	925652109	17,893	628,713	SH	DFND	1 3 4	628,713	0	0
VICI PPTYS INC	COM	925652109	1,740	61,148	SH	DFND	1 4	61,148	0	0
VICI PPTYS INC	COM	925652109	537,977	18,902,947	SH	DFND	2 3 4	18,902,947	0	0
VICOR CORP	COM	925815102	5,883	83,393	SH	DFND	1 3 4	83,393	0	0
VICOR CORP	COM	925815102	270	3,832	SH	DFND	1 4	3,832	0	0

VICTORIAS SECRET AND CO	COMMON STOCK	926400102	12,359	240,639	SH	DFND	1 3 4	240,639	0	0
VICTORIAS SECRET AND CO	COMMON STOCK	926400102	379	7,382	SH	DFND	1 4	7,382	0	0
VICTORY CAP HLDGS INC	COM CL A	92645B103	361	12,495	SH	DFND	1 3 4	12,495	0	0
VIEWRAY INC	COM	92672L107	354	90,247	SH	DFND	1 3 4	90,247	0	0
VIEWRAY INC	COM	92672L107	107	27,340	SH	DFND	1 4	27,340	0	0
VIMEO INC	COMMON STOCK	92719V100	168	14,141	SH	DFND	1 4	14,141	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	389	15,115	SH	DFND	1 3 4	15,115	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	281	10,916	SH	DFND	1 4	10,916	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	173	17,529	SH	DFND	1 4	17,529	0	0
VIRTU FINL INC	CL A	928254101	595	15,998	SH	DFND	1 3 4	15,998	0	0
VIRTU FINL INC	CL A	928254101	323	8,669	SH	DFND	1 4	8,669	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	13,080	54,502	SH	DFND	1 3 4	54,502	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	318	1,326	SH	DFND	1 4	1,326	0	0
VISA INC	COM CL A	92826C839	1,186,829	5,351,620	SH	DFND	1 3 4	5,351,620	0	0
VISA INC	COM CL A	92826C839	25,144	113,378	SH	DFND	1 4	113,378	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	26,748	1,364,740	SH	DFND	1 3 4	1,364,740	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	245	12,480	SH	DFND	1 4	12,480	0	0
VISTA OUTDOOR INC	COM	928377100	14,996	420,167	SH	DFND	1 3 4	420,167	0	0
VISTAGEN THERAPEUTICS INC	COM NEW	92840H202	98	78,879	SH	DFND	1 3 4	78,879	0	0
VISTAGEN THERAPEUTICS INC	COM NEW	92840H202	40	32,175	SH	DFND	1 4	32,175	0	0
VISTEON CORP	COM NEW	92839U206	550	5,043	SH	DFND	1 4	5,043	0	0
VISTEON CORP	COM NEW	92839U206	37,799	346,364	SH	DFND	1 3 4	346,364	0	0
VISTRA CORP	COM	92840M102	245	10,548	SH	DFND	1 3 4	10,548	0	0
VISTRA CORP	COM	92840M102	1,077	46,324	SH	DFND	1 4	46,324	0	0
VITAL FARMS INC	COM	92847W103	11,192	905,454	SH	DFND	1 3 4	905,454	0	0
VIZIO HLDG CORP	CL A COM	92858V101	369	41,495	SH	DFND	1 3 4	41,495	0	0
VMWARE INC	CL A COM	928563402	623	5,469	SH	DFND	1 3 4	5,469	0	0
VMWARE INC	CL A COM	928563402	1,071	9,402	SH	DFND	1 4	9,402	0	0
VONAGE HLDGS CORP	COM	92886T201	33,822	1,666,923	SH	DFND	1 3 4	1,666,923	0	0
VONAGE HLDGS CORP	COM	92886T201	935	46,076	SH	DFND	1 4	46,076	0	0
VONTIER CORPORATION	COM	928881101	14,180	558,475	SH	DFND	1 3 4	558,475	0	0
VONTIER CORPORATION	COM	928881101	428	16,874	SH	DFND	1 4	16,874	0	0
VORNADO RLTY TR	SH BEN INT	929042109	775	17,095	SH	DFND	1 4	17,095	0	0
VORNADO RLTY TR	SH BEN INT	929042109	8,185	180,603	SH	DFND	1 3 4	180,603	0	0
VOYA FINANCIAL INC	COM	929089100	715	10,782	SH	DFND	1 4	10,782	0	0
VOYA FINANCIAL INC	COM	929089100	23,672	356,772	SH	DFND	1 3 4	356,772	0	0
VROOM INC	COM	92918V109	32	12,111	SH	DFND	1 4	12,111	0	0
VULCAN MATLS CO	COM	929160109	818,975	4,458,219	SH	DFND	1 3 4	4,458,219	0	0
VULCAN MATLS CO	COM	929160109	2,360	12,847	SH	DFND	1 4	12,847	0	0
VUZIX CORP	COM NEW	92921W300	71	10,744	SH	DFND	1 4	10,744	0	0
WABASH NATL CORP	COM	929566107	4,792	322,920	SH	DFND	1 3 4	322,920	0	0
WABTEC	COM	929740108	20,428	212,417	SH	DFND	1 3 4	212,417	0	0
WABTEC	COM	929740108	1,676	17,429	SH	DFND	1 4	17,429	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	41,187	919,971	SH	DFND	1 3 4	919,971	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	864	19,298	SH	DFND	1 4	19,298	0	0
WALKER & DUNLOP INC	COM	93148P102	25,198	194,698	SH	DFND	1 3 4	194,698	0	0

WALKER & DUNLOP INC	COM	93148P102	342	2,642	SH	DFND	1 4	2,642	0	0
WALMART INC	COM	931142103	293,741	1,972,472	SH	DFND	1 3 4	1,972,472	0	0
WALMART INC	COM	931142103	5,688	38,197	SH	DFND	1 4	38,197	0	0
WARNER MUSIC GROUP CORP	COM CL A	934550203	1,720	45,435	SH	DFND	1 3 4	45,435	0	0
WARRIOR MET COAL INC	COM	93627C101	12,591	339,300	SH	DFND	1 3 4	339,300	0	0
WASHINGTON FED INC	COM	938824109	16,563	504,651	SH	DFND	1 3 4	504,651	0	0
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	14,254	558,974	SH	DFND	1 3 4	558,974	0	0
WASHINGTON TR BANCORP INC	COM	940610108	21,789	415,035	SH	DFND	1 3 4	415,035	0	0
WASTE CONNECTIONS INC	COM	94106B101	883	6,319	SH	DFND	1 3 4	6,319	0	0
WASTE MGMT INC DEL	COM	94106L109	69,653	439,454	SH	DFND	1 3 4	439,454	0	0
WASTE MGMT INC DEL	COM	94106L109	2,239	14,129	SH	DFND	1 4	14,129	0	0
WATERS CORP	COM	941848103	21,683	69,856	SH	DFND	1 3 4	69,856	0	0
WATERS CORP	COM	941848103	1,865	6,008	SH	DFND	1 4	6,008	0	0
WATERSTONE FINL INC MD	COM	94188P101	517	26,743	SH	DFND	1 3 4	26,743	0	0
WATSCO INC	COM	942622200	33,236	109,098	SH	DFND	1 3 4	109,098	0	0
WATSCO INC	COM	942622200	967	3,174	SH	DFND	1 4	3,174	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	18,369	131,591	SH	DFND	1 3 4	131,591	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	525	3,763	SH	DFND	1 4	3,763	0	0
WAYFAIR INC	CL A	94419L101	374	3,372	SH	DFND	1 3 4	3,372	0	0
WAYFAIR INC	CL A	94419L101	822	7,416	SH	DFND	1 4	7,416	0	0
WD 40 CO	COM	929236107	42,276	230,728	SH	DFND	1 3 4	230,728	0	0
WD 40 CO	COM	929236107	455	2,482	SH	DFND	1 4	2,482	0	0
WEATHERFORD INTL PLC	ORD SHS	G48833118	704	21,149	SH	DFND	1 3 4	21,149	0	0
WEBSTER FINL CORP	COM	947890109	113,213	2,017,337	SH	DFND	1 3 4	2,017,337	0	0
WEBSTER FINL CORP	COM	947890109	973	17,337	SH	DFND	1 4	17,337	0	0
WEC ENERGY GROUP INC	COM	92939U106	155,087	1,553,827	SH	DFND	1 3 4	1,553,827	0	0
WEC ENERGY GROUP INC	COM	92939U106	3,061	30,666	SH	DFND	1 4	30,666	0	0
WELBILT INC	COM	949090104	564	23,742	SH	DFND	1 4	23,742	0	0
WELLS FARGO CO NEW	COM	949746101	234,617	4,841,454	SH	DFND	1 3 4	4,841,454	0	0
WELLS FARGO CO NEW	COM	949746101	5,089	105,023	SH	DFND	1 4	105,023	0	0
WELLTOWER INC	COM	95040Q104	4,071	42,343	SH	DFND	1 4	42,343	0	0
WELLTOWER INC	COM	95040Q104	376,765	3,918,920	SH	DFND	2 3 4	3,918,920	0	0
WELLTOWER INC	COM	95040Q104	54,961	571,680	SH	DFND	1 3 4	571,680	0	0
WENDYS CO	COM	95058W100	399	18,181	SH	DFND	1 4	18,181	0	0
WENDYS CO	COM	95058W100	14,286	650,241	SH	DFND	1 3 4	650,241	0	0
WERNER ENTERPRISES INC	COM	950755108	8,109	197,775	SH	DFND	1 3 4	197,775	0	0
WERNER ENTERPRISES INC	COM	950755108	228	5,552	SH	DFND	1 4	5,552	0	0
WESCO INTL INC	COM	95082P105	51,427	395,167	SH	DFND	1 3 4	395,167	0	0
WESCO INTL INC	COM	95082P105	567	4,355	SH	DFND	1 4	4,355	0	0
WEST FRASER TIMBER CO LTD	COM	952845105	370	4,497	SH	DFND	1 3 4	4,497	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	37,658	91,689	SH	DFND	1 3 4	91,689	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	2,984	7,266	SH	DFND	1 4	7,266	0	0
WESTAMERICA BANCORPORATION	COM	957090103	10,742	177,560	SH	DFND	1 3 4	177,560	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	1,660	20,046	SH	DFND	1 3 4	20,046	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	830	10,019	SH	DFND	1 4	10,019	0	0

WESTERN DIGITAL CORP.	COM	958102105	1,507	30,344	SH	DFND	1 4	30,344	0	0
WESTERN DIGITAL CORP.	COM	958102105	17,629	355,066	SH	DFND	1 3 4	355,066	0	0
WESTERN UN CO	COM	959802109	736	39,250	SH	DFND	1 4	39,250	0	0
WESTERN UN CO	COM	959802109	29,191	1,557,684	SH	DFND	1 3 4	1,557,684	0	0
WESTLAKE CORPORATION	COM	960413102	1,108	8,980	SH	DFND	1 3 4	8,980	0	0
WESTLAKE CORPORATION	COM	960413102	411	3,332	SH	DFND	1 4	3,332	0	0
WESTROCK CO	COM	96145D105	19,887	422,851	SH	DFND	1 3 4	422,851	0	0
WESTROCK CO	COM	96145D105	1,192	25,351	SH	DFND	1 4	25,351	0	0
WEX INC	COM	96208T104	26,420	148,054	SH	DFND	1 3 4	148,054	0	0
WEX INC	COM	96208T104	783	4,386	SH	DFND	1 4	4,386	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	46,932	1,238,313	SH	DFND	1 3 4	1,238,313	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	2,759	72,806	SH	DFND	1 4	72,806	0	0
WEYERHAEUSER CO MTN BE	COM NEW	962166104	144,046	3,800,691	SH	DFND	2 3 4	3,800,691	0	0
WHEATON PRECIOUS METALS CORP	COM	962879102	6,661	139,940	SH	DFND	1 3 4	139,940	0	0
WHIRLPOOL CORP	COM	963320106	963	5,574	SH	DFND	1 4	5,574	0	0
WHIRLPOOL CORP	COM	963320106	14,033	81,219	SH	DFND	1 3 4	81,219	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	322	283	SH	DFND	1 4	283	0	0
WHITESTONE REIT	COM	966084204	4,045	305,320	SH	DFND	1 3 4	305,320	0	0
WHITING PETE CORP NEW	COM NEW	966387508	24,336	298,570	SH	DFND	1 3 4	298,570	0	0
WHITING PETE CORP NEW	COM NEW	966387508	255	3,127	SH	DFND	1 4	3,127	0	0
WIDOPENWEST INC	COM	96758W101	600	34,391	SH	DFND	1 3 4	34,391	0	0
WILEY JOHN & SONS INC	CL A	968223206	26,463	499,031	SH	DFND	1 3 4	499,031	0	0
WILLIAMS COS INC	COM	969457100	47,179	1,412,115	SH	DFND	1 3 4	1,412,115	0	0
WILLIAMS COS INC	COM	969457100	3,947	118,138	SH	DFND	1 4	118,138	0	0
WILLIAMS SONOMA INC	COM	969904101	38,607	266,254	SH	DFND	1 3 4	266,254	0	0
WILLIAMS SONOMA INC	COM	969904101	1,043	7,196	SH	DFND	1 4	7,196	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	32,888	139,225	SH	DFND	1 3 4	139,225	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	2,850	12,066	SH	DFND	1 4	12,066	0	0
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	9,374	239,566	SH	DFND	1 3 4	239,566	0	0
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	1,482	37,869	SH	DFND	1 4	37,869	0	0
WINGSTOP INC	COM	974155103	11,562	98,527	SH	DFND	1 3 4	98,527	0	0
WINGSTOP INC	COM	974155103	636	5,421	SH	DFND	1 4	5,421	0	0
WINNEBAGO INDS INC	COM	974637100	13,616	252,015	SH	DFND	1 3 4	252,015	0	0
WINNEBAGO INDS INC	COM	974637100	317	5,875	SH	DFND	1 4	5,875	0	0
WINTRUST FINL CORP	COM	97650W108	17,897	192,590	SH	DFND	1 3 4	192,590	0	0
WINTRUST FINL CORP	COM	97650W108	515	5,547	SH	DFND	1 4	5,547	0	0
WISDOMTREE INVTS INC	COM	97717P104	4,225	719,797	SH	DFND	1 3 4	719,797	0	0
WISDOMTREE INVTS INC	COM	97717P104	124	21,209	SH	DFND	1 4	21,209	0	0
WIX COM LTD	SHS	M98068105	316,366	3,028,584	SH	DFND	1 3 4	3,028,584	0	0
WIX COM LTD	SHS	M98068105	651	6,231	SH	DFND	1 4	6,231	0	0
WNS HLDGS LTD	SPON ADR	92932M101	74,945	876,648	SH	DFND	1 3 4	861,243	0	15,405
WOLFSPEED INC	COM	977852102	67,899	596,337	SH	DFND	1 3 4	596,337	0	0
WOLFSPEED INC	COM	977852102	1,275	11,201	SH	DFND	1 4	11,201	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	13,191	584,728	SH	DFND	1 3 4	584,728	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	333	14,769	SH	DFND	1 4	14,769	0	0



WOODWARD INC	COM	980745103	26,025	208,352	SH	DFND	1 3 4	208,352	0	0
WOODWARD INC	COM	980745103	748	5,991	SH	DFND	1 4	5,991	0	0
WORKDAY INC	CL A	98138H101	3,136	13,095	SH	DFND	1 4	13,095	0	0
WORKDAY INC	CL A	98138H101	19,558	81,675	SH	DFND	1 3 4	81,675	0	0
WORKHORSE GROUP INC	COM NEW	98138J206	69	13,706	SH	DFND	1 4	13,706	0	0
WORKIVA INC	COM CL A	98139A105	918	7,776	SH	DFND	1 4	7,776	0	0
WORLD ACCEP CORPORATION	COM	981419104	5,964	31,086	SH	DFND	1 3 4	31,086	0	0
WORLD FUEL SVCS CORP	COM	981475106	36,489	1,349,454	SH	DFND	1 3 4	1,349,454	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	24,950	399,580	SH	DFND	1 3 4	399,580	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	279	4,473	SH	DFND	1 4	4,473	0	0
WORTHINGTON INDS INC	COM	981811102	7,092	137,942	SH	DFND	1 3 4	137,942	0	0
WP CAREY INC	COM	92936U109	366	4,522	SH	DFND	1 3 4	4,522	0	0
WP CAREY INC	COM	92936U109	1,484	18,363	SH	DFND	1 4	18,363	0	0
WSFS FINL CORP	COM	929328102	20,166	432,555	SH	DFND	1 3 4	432,555	0	0
WSFS FINL CORP	COM	929328102	240	5,146	SH	DFND	1 4	5,146	0	0
WW INTL INC	COM	98262P101	3,591	351,034	SH	DFND	1 3 4	351,034	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	762	8,997	SH	DFND	1 4	8,997	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	28,301	334,166	SH	DFND	1 3 4	334,166	0	0
WYNN RESORTS LTD	COM	983134107	9,529	119,505	SH	DFND	1 3 4	119,505	0	0
WYNN RESORTS LTD	COM	983134107	832	10,436	SH	DFND	1 4	10,436	0	0
XCEL ENERGY INC	COM	98389B100	185,749	2,573,763	SH	DFND	1 3 4	2,573,763	0	0
XCEL ENERGY INC	COM	98389B100	3,776	52,321	SH	DFND	1 4	52,321	0	0
XENCOR INC	COM	98401F105	10,469	392,386	SH	DFND	1 3 4	392,386	0	0
XENCOR INC	COM	98401F105	274	10,266	SH	DFND	1 4	10,266	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	14,532	753,365	SH	DFND	1 3 4	753,365	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	13,788	683,569	SH	DFND	1 3 4	683,569	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	248	12,315	SH	DFND	1 4	12,315	0	0
XL FLEET CORP	COM CL A	9837FR100	22	11,099	SH	DFND	1 4	11,099	0	0
XOMETRY INC	CLASS A COM	98423F109	4,119	112,080	SH	DFND	1 3 4	112,080	0	0
XPEL INC	COM	98379L100	5,754	109,373	SH	DFND	1 3 4	109,373	0	0
XPERI HOLDING CORP	COM	98390M103	12,985	749,738	SH	DFND	1 3 4	749,738	0	0
XPO LOGISTICS INC	COM	983793100	23,761	326,381	SH	DFND	1 3 4	326,381	0	0
XPO LOGISTICS INC	COM	983793100	696	9,563	SH	DFND	1 4	9,563	0	0
XYLEM INC	COM	98419M100	29,798	349,501	SH	DFND	1 3 4	349,501	0	0
XYLEM INC	COM	98419M100	1,500	17,590	SH	DFND	1 4	17,590	0	0
YAMANA GOLD INC	COM	98462Y100	26,390	4,722,500	SH	DFND	1 3 4	4,722,500	0	0
YELP INC	CL A	985817105	7,734	226,729	SH	DFND	1 3 4	226,729	0	0
YELP INC	CL A	985817105	425	12,467	SH	DFND	1 4	12,467	0	0
YETI HLDGS INC	COM	98585X104	40,625	677,317	SH	DFND	1 3 4	677,317	0	0
YETI HLDGS INC	COM	98585X104	507	8,447	SH	DFND	1 4	8,447	0	0
YEXT INC	COM	98585N106	142	20,636	SH	DFND	1 4	20,636	0	0
YORK WTR CO	COM	987184108	504	11,216	SH	DFND	1 3 4	11,216	0	0
YUM BRANDS INC	COM	988498101	39,085	329,753	SH	DFND	1 3 4	329,753	0	0
YUM BRANDS INC	COM	988498101	3,341	28,186	SH	DFND	1 4	28,186	0	0
YUM CHINA HLDGS INC	COM	98850P109	1,735	41,774	SH	DFND	1 4	41,774	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	28,992	70,079	SH	DFND	1 3 4	70,079	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	2,176	5,260	SH	DFND	1 4	5,260	0	0
ZEDGE INC	CL B	98923T104	84	13,819	SH	DFND	1 3 4	13,819	0	0
ZENDESK INC	COM	98936J101	353	2,934	SH	DFND	1 3 4	2,934	0	0
ZENDESK INC	COM	98936J101	1,436	11,934	SH	DFND	1 4	11,934	0	0

ZENTALIS PHARMACEUTICALS INC	COM	98943L107	242	5,241	SH	DFND	1 3 4	5,241	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	305	6,621	SH	DFND	1 4	6,621	0	0
ZIFF DAVIS INC	COM	48123V102	15,416	159,293	SH	DFND	1 3 4	159,293	0	0
ZIFF DAVIS INC	COM	48123V102	764	7,893	SH	DFND	1 4	7,893	0	0
ZILLOW GROUP INC	CL A	98954M101	283	5,871	SH	DFND	1 4	5,871	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	202	4,090	SH	DFND	1 3 4	4,090	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	819	16,623	SH	DFND	1 4	16,623	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	30,320	237,060	SH	DFND	1 3 4	237,060	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	2,597	20,304	SH	DFND	1 4	20,304	0	0
ZIMVIE INC	COM	98888T107	3,146	137,733	SH	DFND	1 3 4	137,733	0	0
ZIONS BANCORPORATION N A	COM	989701107	12,409	189,283	SH	DFND	1 3 4	189,283	0	0
ZIONS BANCORPORATION N A	COM	989701107	951	14,512	SH	DFND	1 4	14,512	0	0
ZOETIS INC	CL A	98978V103	5,911	31,345	SH	DFND	1 4	31,345	0	0
ZOETIS INC	CL A	98978V103	296,387	1,571,600	SH	DFND	1 3 4	1,571,600	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	620	5,292	SH	DFND	1 3 4	5,292	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	1,737	14,820	SH	DFND	1 4	14,820	0	0
ZOOMINFO TECHNOLOGIES INC	COM CL A	98980F104	10,678	178,738	SH	DFND	1 3 4	178,738	0	0
ZSCALER INC	COM	98980G102	11,930	49,444	SH	DFND	1 3 4	49,444	0	0
ZSCALER INC	COM	98980G102	1,881	7,797	SH	DFND	1 4	7,797	0	0
ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	98980A105	17,028	681,109	SH	DFND	1 3 4	681,109	0	0
ZUMIEZ INC	COM	989817101	4,927	128,954	SH	DFND	1 3 4	128,954	0	0
ZUORA INC	COM CL A	98983V106	308	20,576	SH	DFND	1 4	20,576	0	0
ZURN WATER SOLUTIONS CORP	COM	98983L108	23,216	655,808	SH	DFND	1 3 4	655,808	0	0
ZURN WATER SOLUTIONS CORP	COM	98983L108	573	16,183	SH	DFND	1 4	16,183	0	0
ZYNEX INC	COM	98986M103	934	149,991	SH	DFND	1 3 4	149,991	0	0
ZYNGA INC	CL A	98986T108	930	100,618	SH	DFND	1 4	100,618	0	0