

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: 03-31-2021

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

Institutional Investment Manager Filing this Report:

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

Form 13F File Number: 028-10106

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

Person Signing this Report on Behalf of Reporting Manager:

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

Signature, Place, and Date of Signing:

Jill Hittner Des Moines, IA 04-28-2021  
[Signature] [City, State] [Date]

Report Type (Check only one.):

13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

List of Other Managers Reporting for this Manager:

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

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

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 4  
Form 13F Information Table Entry Total: 4,029  
Form 13F Information Table Value Total: 141,722,688  
(thousands)

List of Other Included Managers:

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

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

No.	Form 13F File Number	Name
1	028-1549	Principal Global Investors, LLC
2	028-10400	Principal Real Estate Investors, LLC
3	028-793	Principal Life Insurance Co
4	028-10107	Principal Financial Services, Inc

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FORM 13F INFORMATION TABLE

OMB APPROVAL	
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COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE	SHRS OR	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	1,168	6,454	SH		DFND	1 4	6,454	0	0
10X GENOMICS INC	CL A COM	88025U109	3,040	16,794	SH		DFND	1 3 4	16,794	0	0
1LIFE HEALTHCARE INC	COM	68269G107	1,115	28,529	SH		DFND	1 3 4	28,529	0	0
1LIFE HEALTHCARE INC	COM	68269G107	655	16,770	SH		DFND	1 4	16,770	0	0
1ST SOURCE CORP	COM	336901103	592	12,441	SH		DFND	1 3 4	12,441	0	0
21VIANET GROUP INC	SPONSORED ADS A	90138A103	78,243	2,422,368	SH		DFND	2 3 4	2,422,368	0	0
2U INC	COM	90214J101	218	5,693	SH		DFND	1 4	5,693	0	0
3-D SYS CORP DEL	COM NEW	88554D205	23,413	853,236	SH		DFND	1 3 4	853,236	0	0
3-D SYS CORP DEL	COM NEW	88554D205	336	12,232	SH		DFND	1 4	12,232	0	0
3M CO	COM	88579Y101	168,107	872,467	SH		DFND	1 3 4	871,969	0	498
3M CO	COM	88579Y101	6,249	32,431	SH		DFND	1 4	32,431	0	0
8X8 INC NEW	COM	282914100	23,965	738,755	SH		DFND	1 3 4	738,755	0	0
8X8 INC NEW	COM	282914100	738	22,740	SH		DFND	1 4	22,740	0	0
A10 NETWORKS INC	COM	002121101	126	13,102	SH		DFND	1 4	13,102	0	0
AAON INC	COM PAR \$0.004	000360206	19,625	280,322	SH		DFND	1 3 4	280,322	0	0
AAON INC	COM PAR \$0.004	000360206	613	8,760	SH		DFND	1 4	8,760	0	0
AAR CORP	COM	000361105	9,497	228,011	SH		DFND	1 3 4	228,011	0	0
ABBOTT LABS	COM	002824100	616,729	5,146,263	SH		DFND	1 3 4	5,139,603	0	6,660
ABBOTT LABS	COM	002824100	8,849	73,838	SH		DFND	1 4	73,838	0	0
ABBVIE INC	COM	00287Y109	275,938	2,549,785	SH		DFND	1 3 4	2,549,785	0	0
ABBVIE INC	COM	00287Y109	13,876	128,220	SH		DFND	1 4	128,220	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	14,715	428,874	SH		DFND	1 3 4	428,874	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	217	6,328	SH		DFND	1 4	6,328	0	0
ABIOMED INC	COM	003654100	16,503	51,776	SH		DFND	1 3 4	51,776	0	0
ABIOMED INC	COM	003654100	1,589	4,984	SH		DFND	1 4	4,984	0	0
ABM INDS INC	COM	000957100	26,569	520,853	SH		DFND	1 3 4	520,853	0	0
ABM INDS INC	COM	000957100	348	6,828	SH		DFND	1 4	6,828	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	20,795	363,931	SH		DFND	1 3 4	363,931	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	343	6,003	SH		DFND	1 4	6,003	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	921	35,696	SH		DFND	1 3 4	35,696	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	322	12,495	SH		DFND	1 4	12,495	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	11,250	593,037	SH		DFND	1 3 4	593,037	0	0
ACCEL ENTERTAINMENT INC	COM CL A1	00436Q106	120	11,009	SH		DFND	1 4	11,009	0	0
ACCELERATE DIAGNOSTICS INC	COM	00430H102	367	44,129	SH		DFND	1 3 4	44,129	0	0
ACCELERON PHARMA INC	COM	00434H108	764	5,636	SH		DFND	1 4	5,636	0	0

ACCELERON PHARMA INC	COM	00434H108	21,597	159,260	SH	DFND	1 3 4	159,260	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	204,267	739,429	SH	DFND	1 3 4	739,429	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	13,387	48,460	SH	DFND	1 4	48,460	0	0
ACCO BRANDS CORP	COM	00081T108	404	47,851	SH	DFND	1 3 4	47,851	0	0
ACCOLADE INC	COM	00437E102	12,446	274,318	SH	DFND	1 3 4	274,318	0	0
ACCOLADE INC	COM	00437E102	280	6,174	SH	DFND	1 4	6,174	0	0
ACCURAY INC	COM	004397105	103	20,729	SH	DFND	1 4	20,729	0	0
ACI WORLDWIDE INC	COM	004498101	15,021	394,767	SH	DFND	1 3 4	394,767	0	0
ACI WORLDWIDE INC	COM	004498101	930	24,432	SH	DFND	1 4	24,432	0	0
ACM RESEARCH INC	COM CL A	00108J109	1,809	22,394	SH	DFND	1 3 4	22,394	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	203,744	2,190,802	SH	DFND	1 3 4	2,187,501	0	3,301
ACTIVISION BLIZZARD INC	COM	00507V109	3,074	33,049	SH	DFND	1 4	33,049	0	0
ACUITY BRANDS INC	COM	00508Y102	20,577	124,710	SH	DFND	1 3 4	124,710	0	0
ACUITY BRANDS INC	COM	00508Y102	400	2,427	SH	DFND	1 4	2,427	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	81,465	1,971,080	SH	DFND	1 3 4	1,968,961	0	2,119
ADAPTHEALTH CORP	COM CL A	00653Q102	41,879	1,139,266	SH	DFND	1 3 4	1,139,266	0	0
ADAPTHEALTH CORP	COM CL A	00653Q102	589	16,016	SH	DFND	1 4	16,016	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	13,837	343,702	SH	DFND	1 3 4	343,702	0	0
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	347	8,627	SH	DFND	1 4	8,627	0	0
ADC THERAPEUTICS SA	SHS	H0036K147	5,358	219,499	SH	DFND	1 3 4	219,499	0	0
ADDUS HOMECARE CORP	COM	006739106	44,167	422,288	SH	DFND	1 3 4	422,288	0	0
ADDUS HOMECARE CORP	COM	006739106	331	3,164	SH	DFND	1 4	3,164	0	0
ADIANT PLC	ORD SHS	G0084W101	14,008	316,915	SH	DFND	1 3 4	316,915	0	0
ADIANT PLC	ORD SHS	G0084W101	422	9,554	SH	DFND	1 4	9,554	0	0
ADMA BIOLOGICS INC	COM	000899104	615	349,511	SH	DFND	1 3 4	349,511	0	0
ADMA BIOLOGICS INC	COM	000899104	19	11,000	SH	DFND	1 4	11,000	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	17,386	36,573	SH	DFND	1 4	36,573	0	0
ADOBE SYSTEMS INCORPORATED	COM	00724F101	873,918	1,838,394	SH	DFND	1 3 4	1,836,680	0	1,714
ADT INC DEL	COM	00090Q103	86	10,214	SH	DFND	1 4	10,214	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	8,402	212,482	SH	DFND	1 3 4	212,482	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	202	5,099	SH	DFND	1 4	5,099	0	0
ADTRAN INC	COM	00738A106	5,542	332,229	SH	DFND	1 3 4	332,229	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	18,040	98,314	SH	DFND	1 3 4	98,314	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	820	4,471	SH	DFND	1 4	4,471	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	3,386	32,754	SH	DFND	1 3 4	32,754	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	1,242	12,016	SH	DFND	1 4	12,016	0	0
ADVANCED ENERGY INDS	COM	007973100	55,856	511,639	SH	DFND	1 3 4	511,639	0	0
ADVANCED ENERGY INDS	COM	007973100	884	8,102	SH	DFND	1 4	8,102	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	116,789	1,487,762	SH	DFND	1 3 4	1,487,762	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	6,785	86,435	SH	DFND	1 4	86,435	0	0
ADVANSIX INC	COM	00773T101	5,168	192,681	SH	DFND	1 3 4	192,681	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	208	21,143	SH	DFND	1 3 4	21,143	0	0

ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	178	18,010	SH	DFND	1 4	18,010	0	0
AECOM	COM	00766T100	31,913	497,788	SH	DFND	1 3 4	497,788	0	0
AECOM	COM	00766T100	614	9,571	SH	DFND	1 4	9,571	0	0
AEGION CORP	COM	00770F104	6,435	223,832	SH	DFND	1 3 4	223,832	0	0
AERIE PHARMACEUTICALS INC	COM	00771V108	9,460	529,366	SH	DFND	1 3 4	529,366	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	723	15,405	SH	DFND	1 4	15,405	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	23,272	495,577	SH	DFND	1 3 4	495,577	0	0
AEROVIRONMENT INC	COM	008073108	17,913	154,345	SH	DFND	1 3 4	154,345	0	0
AEROVIRONMENT INC	COM	008073108	536	4,619	SH	DFND	1 4	4,619	0	0
AES CORP	COM	00130H105	20,808	776,139	SH	DFND	1 3 4	776,139	0	0
AES CORP	COM	00130H105	1,207	45,007	SH	DFND	1 4	45,007	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	32,393	217,361	SH	DFND	1 3 4	217,361	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	462	3,098	SH	DFND	1 4	3,098	0	0
AFFIMED N V	COM	N01045108	190	24,066	SH	DFND	1 4	24,066	0	0
AFLAC INC	COM	001055102	42,260	825,716	SH	DFND	1 3 4	825,716	0	0
AFLAC INC	COM	001055102	763	14,905	SH	DFND	1 4	14,905	0	0
AGCO CORP	COM	001084102	29,935	208,387	SH	DFND	1 3 4	208,387	0	0
AGCO CORP	COM	001084102	606	4,219	SH	DFND	1 4	4,219	0	0
AGENUS INC	COM NEW	00847G705	92	33,826	SH	DFND	1 4	33,826	0	0
AGENUS INC	COM NEW	00847G705	539	198,294	SH	DFND	1 3 4	198,294	0	0
AGILE THERAPEUTICS INC	COM	00847L100	32	15,343	SH	DFND	1 4	15,343	0	0
AGILE THERAPEUTICS INC	COM	00847L100	40	19,396	SH	DFND	1 3 4	19,396	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	141,864	1,115,801	SH	DFND	1 3 4	1,115,801	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	2,785	21,905	SH	DFND	1 4	21,905	0	0
AGILYSYS INC	COM	00847J105	6,701	139,722	SH	DFND	1 3 4	139,722	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	5,252	101,695	SH	DFND	1 3 4	101,695	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	234	4,528	SH	DFND	1 4	4,528	0	0
AGNC INVT CORP	COM	00123Q104	622	37,099	SH	DFND	1 4	37,099	0	0
AGREE REALTY CORP	COM	008492100	111,958	1,663,325	SH	DFND	1 3 4	1,662,647	0	678
AGREE REALTY CORP	COM	008492100	424	6,301	SH	DFND	1 4	6,301	0	0
AGREE REALTY CORP	COM	008492100	274,359	4,076,052	SH	DFND	2 3 4	4,076,052	0	0
AIR LEASE CORP	CL A	00912X302	4,810	98,159	SH	DFND	1 3 4	98,159	0	0
AIR LEASE CORP	CL A	00912X302	357	7,284	SH	DFND	1 4	7,284	0	0
AIR PRODS & CHEMS INC	COM	009158106	1,783	6,338	SH	DFND	1 4	6,338	0	0
AIR PRODS & CHEMS INC	COM	009158106	417,539	1,484,111	SH	DFND	1 3 4	1,481,507	0	2,604
AIR TRANSPORT SERVICES GRP I	COM	00922R105	367	12,541	SH	DFND	1 4	12,541	0	0
AJAX I	COM	G0190X100	7,382	719,500	SH	DFND	1 3 4	719,500	0	0
AJAX I	*W EXP 10/27/202	G0190X126	338	200,001	SH	DFND	1 3 4	200,001	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	20,656	202,712	SH	DFND	1 3 4	202,712	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	1,709	16,775	SH	DFND	1 4	16,775	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	1,831	541,009	SH	DFND	1 3 4	541,009	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	109	32,228	SH	DFND	1 4	32,228	0	0
AKERO THERAPEUTICS INC	COM	00973Y108	224	7,709	SH	DFND	1 3 4	7,709	0	0

ALAMO GROUP INC	COM	011311107	10,597	67,862	SH	DFND	1 3 4	67,862	0	0
ALAMO GROUP INC	COM	011311107	296	1,898	SH	DFND	1 4	1,898	0	0
ALARM COM HLDGS INC	COM	011642105	26,790	310,139	SH	DFND	1 3 4	310,139	0	0
ALARM COM HLDGS INC	COM	011642105	876	10,137	SH	DFND	1 4	10,137	0	0
ALASKA AIR GROUP INC	COM	011659109	10,036	145,010	SH	DFND	1 3 4	145,010	0	0
ALASKA AIR GROUP INC	COM	011659109	567	8,198	SH	DFND	1 4	8,198	0	0
ALBANY INTL CORP	CL A	012348108	70,743	847,521	SH	DFND	1 3 4	846,793	0	728
ALBANY INTL CORP	CL A	012348108	495	5,933	SH	DFND	1 4	5,933	0	0
ALBEMARLE CORP	COM	012653101	19,503	133,479	SH	DFND	1 3 4	133,479	0	0
ALBEMARLE CORP	COM	012653101	1,143	7,820	SH	DFND	1 4	7,820	0	0
ALBERTSONS COS INC	COMMON STOCK	013091103	250	13,097	SH	DFND	1 4	13,097	0	0
ALCOA CORP	COM	013872106	616	18,950	SH	DFND	1 4	18,950	0	0
ALCOA CORP	COM	013872106	10,656	327,970	SH	DFND	1 3 4	327,970	0	0
ALECTOR INC	COM	014442107	355	17,611	SH	DFND	1 3 4	17,611	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	9,502	565,905	SH	DFND	1 3 4	565,905	0	0
ALEXANDERS INC	COM	014752109	896	3,230	SH	DFND	1 3 4	3,230	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	266,100	1,619,601	SH	DFND	1 3 4	1,612,487	0	7,114
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	1,507	9,170	SH	DFND	1 4	9,170	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	546,571	3,326,658	SH	DFND	2 3 4	3,326,658	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	40,200	262,901	SH	DFND	1 3 4	262,901	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	2,438	15,947	SH	DFND	1 4	15,947	0	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	29,097	128,333	SH	DFND	1 3 4	128,333	0	0
ALIGN TECHNOLOGY INC	COM	016255101	67,391	124,446	SH	DFND	1 3 4	124,446	0	0
ALIGN TECHNOLOGY INC	COM	016255101	4,757	8,784	SH	DFND	1 4	8,784	0	0
ALKERMES PLC	SHS	G01767105	4,658	249,366	SH	DFND	1 3 4	249,366	0	0
ALKERMES PLC	SHS	G01767105	205	10,982	SH	DFND	1 4	10,982	0	0
ALLAKOS INC	COM	01671P100	1,268	11,046	SH	DFND	1 3 4	11,046	0	0
ALLAKOS INC	COM	01671P100	642	5,593	SH	DFND	1 4	5,593	0	0
ALLEGHANY CORP DEL	COM	017175100	29,886	47,719	SH	DFND	1 3 4	47,719	0	0
ALLEGHANY CORP DEL	COM	017175100	619	989	SH	DFND	1 4	989	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	18,358	871,698	SH	DFND	1 3 4	871,698	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	270	12,838	SH	DFND	1 4	12,838	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	5,180	127,781	SH	DFND	1 3 4	127,781	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	44,124	180,792	SH	DFND	1 3 4	180,792	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	368	1,507	SH	DFND	1 4	1,507	0	0
ALLEGION PLC	ORD SHS	G0176J109	1,122	8,929	SH	DFND	1 4	8,929	0	0
ALLEGION PLC	ORD SHS	G0176J109	14,498	115,413	SH	DFND	1 3 4	115,413	0	0
ALLEGRO MICROSYSTEMS INC	COM	01749D105	35,102	1,384,696	SH	DFND	1 3 4	1,384,696	0	0
ALLETE INC	COM NEW	018522300	354	5,273	SH	DFND	1 4	5,273	0	0
ALLETE INC	COM NEW	018522300	73,568	1,094,909	SH	DFND	1 3 4	1,093,832	0	1,077
ALLIANCE DATA SYSTEMS CORP	COM	018581108	32,220	287,444	SH	DFND	1 3 4	287,444	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	357	3,188	SH	DFND	1 4	3,188	0	0
ALLIANT ENERGY CORP	COM	018802108	42,440	783,605	SH	DFND	1 3 4	775,993	0	7,612
ALLIANT ENERGY CORP	COM	018802108	921	17,000	SH	DFND	1 4	17,000	0	0

ALLISON TRANSMISSION HLDGS I	COM	01973R101	1,922	47,067	SH	DFND	1 3 4	47,067	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	449	10,999	SH	DFND	1 4	10,999	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	4,477	126,828	SH	DFND	1 3 4	126,828	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	406	11,500	SH	DFND	1 4	11,500	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	16,001	1,065,662	SH	DFND	1 3 4	1,065,662	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	255	16,970	SH	DFND	1 4	16,970	0	0
ALLSTATE CORP	COM	020002101	43,198	375,959	SH	DFND	1 3 4	375,959	0	0
ALLSTATE CORP	COM	020002101	760	6,614	SH	DFND	1 4	6,614	0	0
ALLY FINL INC	COM	02005N100	18,626	411,997	SH	DFND	1 3 4	411,997	0	0
ALLY FINL INC	COM	02005N100	1,147	25,371	SH	DFND	1 4	25,371	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	3,826	27,097	SH	DFND	1 3 4	27,097	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	1,833	12,983	SH	DFND	1 4	12,983	0	0
ALPHABET INC	CAP STK CL C	02079K107	1,248,002	603,297	SH	DFND	1 3 4	603,297	0	0
ALPHABET INC	CAP STK CL C	02079K107	38,468	18,596	SH	DFND	1 4	18,596	0	0
ALPHABET INC	CAP STK CL A	02079K305	1,034,723	501,679	SH	DFND	1 3 4	501,073	0	606
ALPHABET INC	CAP STK CL A	02079K305	39,565	19,183	SH	DFND	1 4	19,183	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	15,923	1,008,406	SH	DFND	1 3 4	1,008,406	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	176	11,135	SH	DFND	1 4	11,135	0	0
ALTAIR ENGR INC	COM CL A	021369103	579	9,261	SH	DFND	1 4	9,261	0	0
ALTERYX INC	COM CL A	02156B103	495	5,967	SH	DFND	1 4	5,967	0	0
ALTICE USA INC	CL A	02156K103	5,202	159,901	SH	DFND	1 3 4	159,901	0	0
ALTICE USA INC	CL A	02156K103	825	25,347	SH	DFND	1 4	25,347	0	0
ALTIMMUNE INC	COM NEW	02155H200	2,472	174,958	SH	DFND	1 3 4	174,958	0	0
ALTRA INDL MOTION CORP	COM	02208R106	16,533	298,855	SH	DFND	1 3 4	298,855	0	0
ALTRA INDL MOTION CORP	COM	02208R106	361	6,526	SH	DFND	1 4	6,526	0	0
ALTRIA GROUP INC	COM	02209S103	120,698	2,359,223	SH	DFND	1 3 4	2,359,223	0	0
ALTRIA GROUP INC	COM	02209S103	4,331	84,665	SH	DFND	1 4	84,665	0	0
ALX ONCOLOGY HLDGS INC	COM	00166B105	244	3,311	SH	DFND	1 4	3,311	0	0
AMAZON COM INC	COM	023135106	678	219	SH	SOLE		0	0	219
AMAZON COM INC	COM	023135106	99,830	32,265	SH	DFND	1 4	32,265	0	0
AMAZON COM INC	COM	023135106	2,616,598	845,680	SH	DFND	1 3 4	845,340	0	340
AMBAC FINL GROUP INC	COM NEW	023139884	5,275	315,131	SH	DFND	1 3 4	315,131	0	0
AMBARELLA INC	SHS	G037AX101	42,681	425,152	SH	DFND	1 3 4	425,152	0	0
AMBARELLA INC	SHS	G037AX101	459	4,576	SH	DFND	1 4	4,576	0	0
AMBEV SA	SPONSORED ADR	02319V103	378	138,000	SH	DFND	1 3 4	0	0	138,000
AMC ENTMT HLDGS INC	CL A COM	00165C104	2,385	233,548	SH	DFND	1 3 4	233,548	0	0
AMC ENTMT HLDGS INC	CL A COM	00165C104	391	38,338	SH	DFND	1 4	38,338	0	0
AMC NETWORKS INC	CL A	00164V103	13,897	261,424	SH	DFND	1 3 4	261,424	0	0
AMC NETWORKS INC	CL A	00164V103	225	4,240	SH	DFND	1 4	4,240	0	0
AMCOR PLC	ORD	G0250X107	27,741	2,375,109	SH	DFND	1 3 4	2,375,109	0	0
AMCOR PLC	ORD	G0250X107	1,383	118,371	SH	DFND	1 4	118,371	0	0
AMDOCS LTD	SHS	G02602103	102,697	1,463,975	SH	DFND	1 3 4	1,459,989	0	3,986
AMDOCS LTD	SHS	G02602103	621	8,847	SH	DFND	1 4	8,847	0	0
AMEDISYS INC	COM	023436108	943	3,562	SH	DFND	1 4	3,562	0	0
AMEDISYS INC	COM	023436108	41,977	158,528	SH	DFND	1 3 4	158,528	0	0
AMER SOFTWARE INC	CL A	029683109	475	22,930	SH	DFND	1 3 4	22,930	0	0
AMER STATES WTR CO	COM	029899101	20,399	269,753	SH	DFND	1 3 4	269,753	0	0
AMER STATES WTR CO	COM	029899101	595	7,868	SH	DFND	1 4	7,868	0	0
AMERCO	COM	023586100	369	603	SH	DFND	1 4	603	0	0

AMEREN CORP	COM	023608102	24,600	302,360	SH	DFND	1 3 4	302,360	0	0
AMEREN CORP	COM	023608102	1,363	16,758	SH	DFND	1 4	16,758	0	0
AMERESCO INC	CL A	02361E108	256	5,260	SH	DFND	1 4	5,260	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	1,002	41,904	SH	DFND	1 4	41,904	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	17,354	726,114	SH	DFND	1 3 4	726,114	0	0
AMERICAN ASSETS TR INC	COM	024013104	77,485	2,388,582	SH	DFND	2 3 4	2,388,582	0	0
AMERICAN ASSETS TR INC	COM	024013104	15,443	476,054	SH	DFND	1 3 4	476,054	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	7,522	778,691	SH	DFND	1 3 4	778,691	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	112	11,591	SH	DFND	1 4	11,591	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	23,543	545,365	SH	DFND	1 3 4	545,365	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	404	9,361	SH	DFND	1 4	9,361	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	99,579	2,306,657	SH	DFND	2 3 4	2,306,657	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	15,198	519,754	SH	DFND	1 3 4	519,754	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	446	15,258	SH	DFND	1 4	15,258	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	48,163	568,635	SH	DFND	1 3 4	568,635	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	918	10,836	SH	DFND	1 4	10,836	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	18,613	590,333	SH	DFND	1 3 4	590,333	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	292	9,251	SH	DFND	1 4	9,251	0	0
AMERICAN EXPRESS CO	COM	025816109	2,019	14,276	SH	DFND	1 4	14,276	0	0
AMERICAN EXPRESS CO	COM	025816109	105,688	747,228	SH	DFND	1 3 4	747,228	0	0
AMERICAN FIN TR INC	COM CLASS A	02607T109	111	11,260	SH	DFND	1 4	11,260	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	29,470	258,286	SH	DFND	1 3 4	258,286	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	559	4,897	SH	DFND	1 4	4,897	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	19,035	570,936	SH	DFND	1 3 4	570,936	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	619	18,555	SH	DFND	1 4	18,555	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	602,773	18,079,572	SH	DFND	2 3 4	18,079,572	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	45,742	989,872	SH	DFND	1 3 4	989,872	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	869	18,812	SH	DFND	1 4	18,812	0	0
AMERICAN NATIONAL GROUP INC	COM NEW	02772A109	1,224	11,346	SH	DFND	1 3 4	11,346	0	0
AMERICAN PUBLIC EDUCATION IN	COM	02913V103	4,556	127,878	SH	DFND	1 3 4	127,878	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	618,071	2,585,423	SH	DFND	1 3 4	2,583,858	0	1,565
AMERICAN TOWER CORP NEW	COM	03027X100	8,035	33,610	SH	DFND	1 4	33,610	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	539,909	2,258,466	SH	DFND	2 3 4	2,258,466	0	0
AMERICAN VANGUARD CORP	COM	030371108	3,739	183,192	SH	DFND	1 3 4	183,192	0	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	11,519	116,849	SH	DFND	1 3 4	116,849	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	40,869	272,605	SH	DFND	1 3 4	272,605	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	1,849	12,334	SH	DFND	1 4	12,334	0	0

AMERICAS CAR-MART INC	COM	03062T105	6,441	42,270	SH	DFND	1 3 4	42,270	0	0
AMERICOLD RLTY TR	COM	03064D108	659	17,141	SH	DFND	1 4	17,141	0	0
AMERIPRISE FINL INC	COM	03076C106	1,866	8,026	SH	DFND	1 4	8,026	0	0
AMERIPRISE FINL INC	COM	03076C106	56,111	241,390	SH	DFND	1 3 4	241,390	0	0
AMERIS BANCORP	COM	03076K108	28,481	542,382	SH	DFND	1 3 4	542,382	0	0
AMERIS BANCORP	COM	03076K108	352	6,711	SH	DFND	1 4	6,711	0	0
AMERISAFE INC	COM	03071H100	8,503	132,865	SH	DFND	1 3 4	132,865	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	37,545	317,986	SH	DFND	1 3 4	317,986	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	1,540	13,045	SH	DFND	1 4	13,045	0	0
AMETEK INC	COM	031100100	41,643	326,027	SH	DFND	1 3 4	326,027	0	0
AMETEK INC	COM	031100100	1,989	15,568	SH	DFND	1 4	15,568	0	0
AMGEN INC	COM	031162100	166,415	668,845	SH	DFND	1 3 4	668,845	0	0
AMGEN INC	COM	031162100	11,019	44,288	SH	DFND	1 4	44,288	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	575	58,210	SH	DFND	1 3 4	58,210	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	542	54,850	SH	DFND	1 4	54,850	0	0
AMKOR TECHNOLOGY INC	COM	031652100	8,555	360,824	SH	DFND	1 3 4	360,824	0	0
AMKOR TECHNOLOGY INC	COM	031652100	284	11,958	SH	DFND	1 4	11,958	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	39,538	536,472	SH	DFND	1 3 4	536,472	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	734	9,954	SH	DFND	1 4	9,954	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	782	116,185	SH	DFND	1 3 4	116,185	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	146	21,686	SH	DFND	1 4	21,686	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	4,606	251,404	SH	DFND	1 3 4	251,404	0	0
AMPHENOL CORP NEW	CL A	032095101	46,071	698,368	SH	DFND	1 3 4	698,368	0	0
AMPHENOL CORP NEW	CL A	032095101	3,611	54,744	SH	DFND	1 4	54,744	0	0
AMYRIS INC	COM NEW	03236M200	3,914	204,898	SH	DFND	1 3 4	204,898	0	0
AMYRIS INC	COM NEW	03236M200	226	11,832	SH	DFND	1 4	11,832	0	0
ANALOG DEVICES INC	COM	032654105	1,618	10,436	SH	DFND	1 4	10,436	0	0
ANALOG DEVICES INC	COM	032654105	70,372	453,779	SH	DFND	1 3 4	453,779	0	0
ANAPLAN INC	COM	03272L108	38,834	721,153	SH	DFND	1 3 4	721,153	0	0
ANAPLAN INC	COM	03272L108	796	14,788	SH	DFND	1 4	14,788	0	0
ANAVEX LIFE SCIENCES CORP	COM NEW	032797300	186	12,455	SH	DFND	1 4	12,455	0	0
ANDERSONS INC	COM	034164103	6,106	223,030	SH	DFND	1 3 4	223,030	0	0
ANGIODYNAMICS INC	COM	03475V101	6,531	279,118	SH	DFND	1 3 4	279,118	0	0
ANGLOGOLD ASHANTI LIMITED	SPONSORED ADR	035128206	6,595	300,194	SH	DFND	1 3 4	300,194	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	2,702	74,758	SH	DFND	1 3 4	74,758	0	0
ANIKA THERAPEUTICS INC	COM	035255108	4,547	111,470	SH	DFND	1 3 4	111,470	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	115	13,391	SH	DFND	1 3 4	13,391	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	826	96,083	SH	DFND	1 4	96,083	0	0
ANSYS INC	COM	03662Q105	542,547	1,597,796	SH	DFND	1 3 4	1,597,796	0	0
ANSYS INC	COM	03662Q105	3,273	9,638	SH	DFND	1 4	9,638	0	0
ANTARES PHARMA INC	COM	036642106	148	35,936	SH	DFND	1 4	35,936	0	0
ANTERO RESOURCES CORP	COM	03674X106	250	24,556	SH	DFND	1 4	24,556	0	0
ANTHEM INC	COM	036752103	103,727	288,972	SH	DFND	1 3 4	288,972	0	0
ANTHEM INC	COM	036752103	3,195	8,901	SH	DFND	1 4	8,901	0	0



AON PLC	SHS CL A	G0403H108	400,792	1,741,742	SH	DFND	1 3 4	1,741,742	0	0
AON PLC	SHS CL A	G0403H108	3,963	17,221	SH	DFND	1 4	17,221	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	31,152	728,538	SH	DFND	1 3 4	728,538	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	435	10,175	SH	DFND	1 4	10,175	0	0
APARTMENT INCOME REIT CORP	COM	03750L109	314,822	7,362,535	SH	DFND	2 3 4	7,362,535	0	0
APARTMENT INVT & MGMT CO	CL A	03748R747	1,293	210,522	SH	DFND	1 3 4	210,522	0	0
APARTMENT INVT & MGMT CO	CL A	03748R747	1,162	189,241	SH	DFND	2 3 4	189,241	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	550	12,810	SH	DFND	1 4	12,810	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	721	16,799	SH	DFND	1 3 4	16,799	0	0
API GROUP CORP	COM STK	00187Y100	296	14,295	SH	DFND	1 4	14,295	0	0
APOGEE ENTERPRISES INC	COM	037598109	8,319	203,504	SH	DFND	1 3 4	203,504	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	12,354	884,297	SH	DFND	1 3 4	884,297	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	201	14,400	SH	DFND	1 4	14,400	0	0
APOLLO GLOBAL MGMT INC	COM CL A	03768E105	3,819	81,242	SH	DFND	1 3 4	81,242	0	0
APOLLO GLOBAL MGMT INC	COM CL A	03768E105	724	15,403	SH	DFND	1 4	15,403	0	0
APPFOLIO INC	COM CL A	03783C100	492	3,480	SH	DFND	1 4	3,480	0	0
APPIAN CORP	CL A	03782L101	1,009	7,590	SH	DFND	1 4	7,590	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	3,550	243,670	SH	DFND	1 3 4	243,670	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	212	14,555	SH	DFND	1 4	14,555	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	63,170	4,335,613	SH	DFND	2 3 4	4,335,613	0	0
APPLE INC	COM	037833100	2,732,607	22,370,911	SH	DFND	1 3 4	22,354,008	0	16,903
APPLE INC	COM	037833100	698	5,716	SH	SOLE		0	0	5,716
APPLE INC	COM	037833100	147,238	1,205,386	SH	DFND	1 4	1,205,386	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	27,627	303,026	SH	DFND	1 3 4	303,026	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	515	5,653	SH	DFND	1 4	5,653	0	0
APPLIED MATLS INC	COM	038222105	146,837	1,099,077	SH	DFND	1 3 4	1,099,077	0	0
APPLIED MATLS INC	COM	038222105	9,326	69,804	SH	DFND	1 4	69,804	0	0
APPLIED MOLECULAR TRANS INC	COM	03824M109	341	7,741	SH	DFND	1 3 4	7,741	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	1,411	168,827	SH	DFND	1 3 4	168,827	0	0
APTARGROUP INC	COM	038336103	31,110	219,598	SH	DFND	1 3 4	219,598	0	0
APTARGROUP INC	COM	038336103	622	4,387	SH	DFND	1 4	4,387	0	0
APTIV PLC	SHS	G6095L109	2,514	18,234	SH	DFND	1 4	18,234	0	0
APTIV PLC	SHS	G6095L109	42,701	309,650	SH	DFND	1 3 4	309,650	0	0
ARAMARK	COM	03852U106	590	15,623	SH	DFND	1 4	15,623	0	0
ARBOR REALTY TRUST INC	COM	038923108	187	11,784	SH	DFND	1 4	11,784	0	0
ARCBEST CORP	COM	03937C105	12,284	174,564	SH	DFND	1 3 4	174,564	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	437,302	11,396,980	SH	DFND	1 3 4	11,396,980	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	1,027	26,764	SH	DFND	1 4	26,764	0	0
ARCH RESOURCES INC	CL A	03940R107	917	22,045	SH	DFND	1 3 4	22,045	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	42,469	745,075	SH	DFND	1 3 4	745,075	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	2,145	37,636	SH	DFND	1 4	37,636	0	0
ARCHROCK INC	COM	03957W106	9,103	959,217	SH	DFND	1 3 4	959,217	0	0
ARCHROCK INC	COM	03957W106	127	13,391	SH	DFND	1 4	13,391	0	0

ARCONIC CORPORATION	COM	03966V107	17,083	672,826	SH	DFND	1 3 4	672,826	0	0
ARCONIC CORPORATION	COM	03966V107	258	10,151	SH	DFND	1 4	10,151	0	0
ARCOSA INC	COM	039653100	23,247	357,145	SH	DFND	1 3 4	357,145	0	0
ARCOSA INC	COM	039653100	322	4,940	SH	DFND	1 4	4,940	0	0
ARCTURUS THERAPEUTICS HLDGS	COM	03969T109	224	5,417	SH	DFND	1 3 4	5,417	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	405	14,423	SH	DFND	1 3 4	14,423	0	0
ARCUS BIOSCIENCES INC	COM	03969F109	252	8,991	SH	DFND	1 4	8,991	0	0
ARDELYX INC	COM	039697107	567	85,662	SH	DFND	1 3 4	85,662	0	0
ARDELYX INC	COM	039697107	105	15,789	SH	DFND	1 4	15,789	0	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	899	12,959	SH	DFND	1 3 4	12,959	0	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	451	6,501	SH	DFND	1 4	6,501	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	620	11,071	SH	DFND	1 4	11,071	0	0
ARISTA NETWORKS INC	COM	040413106	53,232	176,328	SH	DFND	1 3 4	176,328	0	0
ARISTA NETWORKS INC	COM	040413106	1,855	6,146	SH	DFND	1 4	6,146	0	0
ARK ETF TR	INNOVATION ETF	00214Q104	556	4,638	SH	SOLE		0	0	4,638
ARLO TECHNOLOGIES INC	COM	04206A101	3,475	553,308	SH	DFND	1 3 4	553,308	0	0
ARMADA HOFFLER PTYS INC	COM	04208T108	5,111	407,542	SH	DFND	1 3 4	407,542	0	0
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	5,475	448,746	SH	DFND	1 3 4	448,746	0	0
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	960	10,661	SH	DFND	1 3 4	10,661	0	0
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	376	4,176	SH	DFND	1 4	4,176	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	30,404	1,019,607	SH	DFND	1 3 4	1,019,607	0	0
ARRAY TECHNOLOGIES INC	COM SHS	04271T100	225	7,538	SH	DFND	1 4	7,538	0	0
ARROW ELECTRS INC	COM	042735100	54,999	496,289	SH	DFND	1 3 4	493,695	0	2,594
ARROW ELECTRS INC	COM	042735100	562	5,070	SH	DFND	1 4	5,070	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	32,889	495,985	SH	DFND	1 3 4	495,985	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	1,448	21,835	SH	DFND	1 4	21,835	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	435	8,347	SH	DFND	1 4	8,347	0	0
ARVINAS INC	COM	04335A105	510	7,714	SH	DFND	1 4	7,714	0	0
ARVINAS INC	COM	04335A105	3,574	54,074	SH	DFND	1 3 4	54,074	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	26,105	132,850	SH	DFND	1 3 4	132,850	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	549	2,796	SH	DFND	1 4	2,796	0	0
ASGN INC	COM	00191U102	38,164	399,871	SH	DFND	1 3 4	399,871	0	0
ASGN INC	COM	00191U102	942	9,865	SH	DFND	1 4	9,865	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	16,334	184,001	SH	DFND	1 3 4	184,001	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	335	3,778	SH	DFND	1 4	3,778	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	589	954	SH	DFND	1 3 4	54	0	900
ASPEN TECHNOLOGY INC	COM	045327103	14,512	100,546	SH	DFND	1 3 4	100,546	0	0
ASPEN TECHNOLOGY INC	COM	045327103	1,068	7,400	SH	DFND	1 4	7,400	0	0
ASPIRA WOMENS	COM	04537Y109	115	17,050	SH	DFND	1 4	17,050	0	0

HEALTH INC										
ASSOCIATED BANC CORP	COM	045487105	16,003	749,905	SH	DFND	1 3 4	749,905	0	0
ASSOCIATED BANC CORP	COM	045487105	225	10,549	SH	DFND	1 4	10,549	0	0
ASSURANT INC	COM	04621X108	12,521	88,319	SH	DFND	1 3 4	88,319	0	0
ASSURANT INC	COM	04621X108	569	4,011	SH	DFND	1 4	4,011	0	0
ASSURED GUARANTY LTD	COM	G0585R106	76,672	1,813,445	SH	DFND	1 3 4	1,811,911	0	1,534
ASSURED GUARANTY LTD	COM	G0585R106	224	5,303	SH	DFND	1 4	5,303	0	0
ASTEC INDS INC	COM	046224101	11,722	155,422	SH	DFND	1 3 4	155,422	0	0
AT&T INC	COM	00206R102	317,224	10,479,822	SH	DFND	1 3 4	10,479,822	0	0
AT&T INC	COM	00206R102	4,707	155,512	SH	DFND	1 4	155,512	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	237	16,510	SH	DFND	1 3 4	16,510	0	0
ATARA BIOTHERAPEUTICS INC	COM	046513107	206	14,367	SH	DFND	1 4	14,367	0	0
ATHENE HOLDING LTD	CL A	G0684D107	395	7,843	SH	DFND	1 4	7,843	0	0
ATHENE HOLDING LTD	CL A	G0684D107	368	7,304	SH	DFND	1 3 4	7,304	0	0
ATHENEX INC	COM	04685N103	67	15,494	SH	DFND	1 4	15,494	0	0
ATHENEX INC	COM	04685N103	78	18,159	SH	DFND	1 3 4	18,159	0	0
ATHERSYS INC NEW	COM	04744L106	69	38,079	SH	DFND	1 4	38,079	0	0
ATKORE INC	COM	047649108	58,140	808,620	SH	DFND	1 3 4	808,620	0	0
ATKORE INC	COM	047649108	717	9,978	SH	DFND	1 4	9,978	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	1,933	50,404	SH	DFND	1 3 4	50,404	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	305	7,943	SH	DFND	1 4	7,943	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	20,025	331,330	SH	DFND	1 3 4	331,330	0	0
ATLASSIAN CORP PLC	CL A	G06242104	2,100	9,962	SH	DFND	1 4	9,962	0	0
ATMOS ENERGY CORP	COM	049560105	14,499	146,673	SH	DFND	1 3 4	146,673	0	0
ATMOS ENERGY CORP	COM	049560105	847	8,572	SH	DFND	1 4	8,572	0	0
ATN INTL INC	COM	00215F107	3,703	75,397	SH	DFND	1 3 4	75,397	0	0
ATRICURE INC	COM	04963C209	1,684	25,697	SH	DFND	1 3 4	25,697	0	0
ATRICURE INC	COM	04963C209	611	9,326	SH	DFND	1 4	9,326	0	0
ATRION CORP	COM	049904105	630	983	SH	DFND	1 3 4	983	0	0
AUTODESK INC	COM	052769106	1,018,457	3,674,749	SH	DFND	1 3 4	3,674,749	0	0
AUTODESK INC	COM	052769106	3,523	12,712	SH	DFND	1 4	12,712	0	0
AUTOLIV INC	COM	052800109	14,297	154,059	SH	DFND	1 3 4	152,333	0	1,726
AUTOMATIC DATA PROCESSING IN	COM	053015103	95,794	508,274	SH	DFND	1 3 4	508,274	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	5,553	29,464	SH	DFND	1 4	29,464	0	0
AUTONATION INC	COM	05329W102	17,309	185,674	SH	DFND	1 3 4	185,674	0	0
AUTONATION INC	COM	05329W102	366	3,927	SH	DFND	1 4	3,927	0	0
AUTOZONE INC	COM	053332102	3,022	2,152	SH	DFND	1 4	2,152	0	0
AUTOZONE INC	COM	053332102	37,193	26,485	SH	DFND	1 3 4	26,485	0	0
AVALARA INC	COM	05338G106	1,240	9,294	SH	DFND	1 4	9,294	0	0
AVALONBAY CMNTYS INC	COM	053484101	55,013	298,160	SH	DFND	1 3 4	298,160	0	0
AVALONBAY CMNTYS INC	COM	053484101	1,767	9,578	SH	DFND	1 4	9,578	0	0
AVALONBAY CMNTYS INC	COM	053484101	859,361	4,657,537	SH	DFND	2 3 4	4,657,537	0	0
AVANOS MED INC	COM	05350V106	7,535	172,271	SH	DFND	1 3 4	172,271	0	0
AVANOS MED INC	COM	05350V106	211	4,819	SH	DFND	1 4	4,819	0	0
AVANTOR INC	COM	05352A100	13,217	456,856	SH	DFND	1 3 4	456,856	0	0
AVANTOR INC	COM	05352A100	1,613	55,767	SH	DFND	1 4	55,767	0	0
AVAYA HLDGS CORP	COM	05351X101	500	17,843	SH	DFND	1 4	17,843	0	0
AVERY DENNISON CORP	COM	053611109	144,056	784,402	SH	DFND	1 3 4	781,204	0	3,198
AVERY DENNISON CORP	COM	053611109	1,323	7,202	SH	DFND	1 4	7,202	0	0
AVID BIOSERVICES INC	COM	05368M106	223	12,214	SH	DFND	1 4	12,214	0	0

AVIDITY BIOSCIENCES INC	COM	05370A108	513	23,526	SH	DFND	1 3 4	23,526	0	0
AVIENT CORPORATION	COM	05368V106	437	9,246	SH	DFND	1 4	9,246	0	0
AVIENT CORPORATION	COM	05368V106	17,109	361,949	SH	DFND	1 3 4	361,949	0	0
AVIS BUDGET GROUP	COM	053774105	12,634	174,171	SH	DFND	1 3 4	174,171	0	0
AVIS BUDGET GROUP	COM	053774105	815	11,232	SH	DFND	1 4	11,232	0	0
AVISTA CORP	COM	05379B107	27,086	567,250	SH	DFND	1 3 4	567,250	0	0
AVISTA CORP	COM	05379B107	335	7,019	SH	DFND	1 4	7,019	0	0
AVNET INC	COM	053807103	21,662	521,849	SH	DFND	1 3 4	521,849	0	0
AVNET INC	COM	053807103	283	6,820	SH	DFND	1 4	6,820	0	0
AXALTA COATING SYS LTD	COM	G0750C108	4,410	149,077	SH	DFND	1 3 4	149,077	0	0
AXALTA COATING SYS LTD	COM	G0750C108	426	14,409	SH	DFND	1 4	14,409	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	9,527	231,845	SH	DFND	1 3 4	231,845	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	281	6,846	SH	DFND	1 4	6,846	0	0
AXIS CAP HLDGS LTD	SHS	G0692U109	3,087	62,278	SH	DFND	1 3 4	62,278	0	0
AXIS CAP HLDGS LTD	SHS	G0692U109	299	6,041	SH	DFND	1 4	6,041	0	0
AXON ENTERPRISE INC	COM	05464C101	30,613	214,950	SH	DFND	1 3 4	214,950	0	0
AXON ENTERPRISE INC	COM	05464C101	1,001	7,031	SH	DFND	1 4	7,031	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	22,708	379,170	SH	DFND	1 3 4	379,170	0	0
AXONICS MODULATION TECHNOLOG	COM	05465P101	386	6,453	SH	DFND	1 4	6,453	0	0
AXOS FINANCIAL INC	COM	05465C100	19,308	410,731	SH	DFND	1 3 4	410,731	0	0
AXOS FINANCIAL INC	COM	05465C100	296	6,292	SH	DFND	1 4	6,292	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	469	8,285	SH	DFND	1 3 4	8,285	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	335	5,910	SH	DFND	1 4	5,910	0	0
AYTU BIOPHARMA INC	COM NEW	054754874	323	42,551	SH	DFND	1 3 4	42,551	0	0
AZEK CO INC	CL A	05478C105	275	6,538	SH	DFND	1 4	6,538	0	0
AZZ INC	COM	002474104	9,792	194,478	SH	DFND	1 3 4	194,478	0	0
B & G FOODS INC NEW	COM	05508R106	17,072	549,650	SH	DFND	1 3 4	549,650	0	0
B & G FOODS INC NEW	COM	05508R106	395	12,715	SH	DFND	1 4	12,715	0	0
B. RILEY FINANCIAL INC	COM	05580M108	1,617	28,685	SH	DFND	1 3 4	28,685	0	0
BADGER METER INC	COM	056525108	22,895	246,000	SH	DFND	1 3 4	246,000	0	0
BADGER METER INC	COM	056525108	579	6,218	SH	DFND	1 4	6,218	0	0
BAIDU INC	SPON ADR REP A	056752108	8,009	36,814	SH	DFND	1 3 4	36,814	0	0
BAKER HUGHES COMPANY	CL A	05722G100	19,999	925,448	SH	DFND	1 3 4	925,448	0	0
BAKER HUGHES COMPANY	CL A	05722G100	966	44,686	SH	DFND	1 4	44,686	0	0
BALCHEM CORP	COM	057665200	822	6,552	SH	DFND	1 4	6,552	0	0
BALCHEM CORP	COM	057665200	27,921	222,650	SH	DFND	1 3 4	222,650	0	0
BALL CORP	COM	058498106	2,970	35,051	SH	DFND	1 4	35,051	0	0
BALL CORP	COM	058498106	54,738	645,955	SH	DFND	1 3 4	636,623	0	9,332
BALLYS CORPORATION	COM	05875B106	528	8,118	SH	DFND	1 3 4	8,118	0	0
BALLYS CORPORATION	COM	05875B106	248	3,823	SH	DFND	1 4	3,823	0	0
BANC OF CALIFORNIA INC	COM	05990K106	5,545	306,690	SH	DFND	1 3 4	306,690	0	0
BANCFIRST CORP	COM	05945F103	17,756	251,178	SH	DFND	1 3 4	251,178	0	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	05946K101	157	30,000	SH	DFND	1 3 4	0	0	30,000
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	13,494	415,440	SH	DFND	1 3 4	415,440	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	328	10,098	SH	DFND	1 4	10,098	0	0
BANDWIDTH INC	COM CL A	05988J103	3,631	28,651	SH	DFND	1 3 4	28,651	0	0
BANDWIDTH INC	COM CL A	05988J103	519	4,092	SH	DFND	1 4	4,092	0	0

BANK HAWAII CORP	COM	062540109	18,949	211,739	SH	DFND	1 3 4	211,739	0	0
BANK HAWAII CORP	COM	062540109	245	2,737	SH	DFND	1 4	2,737	0	0
BANK NEW YORK MELLON CORP	COM	064058100	824	17,425	SH	DFND	1 4	17,425	0	0
BANK NEW YORK MELLON CORP	COM	064058100	47,564	1,005,803	SH	DFND	1 3 4	1,005,803	0	0
BANK OZK	COM	06417N103	134,890	3,302,088	SH	DFND	1 3 4	3,294,963	0	7,125
BANK OZK	COM	06417N103	341	8,349	SH	DFND	1 4	8,349	0	0
BANKUNITED INC	COM	06652K103	35,205	801,035	SH	DFND	1 3 4	801,035	0	0
BANKUNITED INC	COM	06652K103	408	9,287	SH	DFND	1 4	9,287	0	0
BANNER CORP	COM NEW	06652V208	14,602	273,802	SH	DFND	1 3 4	273,802	0	0
BARNES & NOBLE ED INC	COM	06777U101	1,702	209,074	SH	DFND	1 3 4	209,074	0	0
BARNES GROUP INC	COM	067806109	17,343	350,082	SH	DFND	1 3 4	350,082	0	0
BARNES GROUP INC	COM	067806109	237	4,779	SH	DFND	1 4	4,779	0	0
BARRETT BUSINESS SVCS INC	COM	068463108	597	8,676	SH	DFND	1 3 4	8,676	0	0
BAXTER INTL INC	COM	071813109	48,767	578,224	SH	DFND	1 3 4	578,224	0	0
BAXTER INTL INC	COM	071813109	1,915	22,700	SH	DFND	1 4	22,700	0	0
BCE INC	COM NEW	05534B760	249,297	5,522,752	SH	DFND	1 3 4	5,501,582	0	21,170
BEACON ROOFING SUPPLY INC	COM	073685109	289	5,526	SH	DFND	1 4	5,526	0	0
BEAM THERAPEUTICS INC	COM	07373V105	937	11,708	SH	DFND	1 3 4	11,708	0	0
BEAM THERAPEUTICS INC	COM	07373V105	681	8,510	SH	DFND	1 4	8,510	0	0
BECTON DICKINSON & CO	COM	075887109	271,637	1,117,163	SH	DFND	1 3 4	1,113,479	0	3,684
BECTON DICKINSON & CO	COM	075887109	1,525	6,273	SH	DFND	1 4	6,273	0	0
BED BATH & BEYOND INC	COM	075896100	31,550	1,082,341	SH	DFND	1 3 4	1,082,341	0	0
BED BATH & BEYOND INC	COM	075896100	358	12,291	SH	DFND	1 4	12,291	0	0
BEL FUSE INC	CL B	077347300	1,396	70,202	SH	DFND	1 3 4	70,202	0	0
BELDEN INC	COM	077454106	201	4,533	SH	DFND	1 4	4,533	0	0
BELDEN INC	COM	077454106	8,834	199,092	SH	DFND	1 3 4	199,092	0	0
BENCHMARK ELECTRS INC	COM	08160H101	7,720	249,679	SH	DFND	1 3 4	249,679	0	0
BENTLEY SYS INC	COM CL B	08265T208	14,326	305,252	SH	DFND	1 3 4	305,252	0	0
BERKLEY W R CORP	COM	084423102	12,087	160,409	SH	DFND	1 3 4	160,409	0	0
BERKLEY W R CORP	COM	084423102	718	9,526	SH	DFND	1 4	9,526	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	633,892	2,481,275	SH	DFND	1 3 4	2,481,275	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	10,465	40,962	SH	DFND	1 4	40,962	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	9,377	420,136	SH	DFND	1 3 4	420,136	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	682	11,103	SH	DFND	1 4	11,103	0	0
BEST BUY INC	COM	086516101	36,114	314,551	SH	DFND	1 3 4	314,551	0	0
BEST BUY INC	COM	086516101	1,994	17,369	SH	DFND	1 4	17,369	0	0
BEYOND MEAT INC	COM	08862E109	707	5,436	SH	DFND	1 4	5,436	0	0
BGC PARTNERS INC	CL A	05541T101	151	31,274	SH	DFND	1 4	31,274	0	0
BIG LOTS INC	COM	089302103	285	4,174	SH	DFND	1 4	4,174	0	0
BIG LOTS INC	COM	089302103	21,672	317,299	SH	DFND	1 3 4	317,299	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	8,528	147,540	SH	DFND	1 3 4	147,540	0	0
BIGCOMMERCE HLDGS INC	COM SER 1	08975P108	255	4,406	SH	DFND	1 4	4,406	0	0
BILIBILI INC	SPONS ADS REP Z	090040106	2,688	25,110	SH	DFND	1 3 4	25,110	0	0
BILL COM HLDGS INC	COM	090043100	1,200	8,248	SH	DFND	1 4	8,248	0	0
BIO RAD LABS INC	CL A	090572207	32,668	57,195	SH	DFND	1 3 4	57,195	0	0
BIO RAD LABS INC	CL A	090572207	822	1,440	SH	DFND	1 4	1,440	0	0

BIOCRYST PHARMACEUTICALS INC	COM	09058V103	399	39,230	SH	DFND	1 3 4	39,230	0	0
BIOCRYST PHARMACEUTICALS INC	COM	09058V103	341	33,511	SH	DFND	1 4	33,511	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	80	20,527	SH	DFND	1 4	20,527	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	523	133,809	SH	DFND	1 3 4	133,809	0	0
BIOGEN INC	COM	09062X103	48,872	174,699	SH	DFND	1 3 4	174,699	0	0
BIOGEN INC	COM	09062X103	1,639	5,859	SH	DFND	1 4	5,859	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	12,140	177,608	SH	DFND	1 3 4	177,608	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	701	10,262	SH	DFND	1 4	10,262	0	0
BIOLIFE SOLUTIONS INC	COM NEW	09062W204	256	7,110	SH	DFND	1 3 4	7,110	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	3,201	42,390	SH	DFND	1 3 4	42,390	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,483	19,637	SH	DFND	1 4	19,637	0	0
BIO-TECHNE CORP	COM	09073M104	64,497	168,871	SH	DFND	1 3 4	168,509	0	362
BIO-TECHNE CORP	COM	09073M104	1,601	4,191	SH	DFND	1 4	4,191	0	0
BIOXCEL THERAPEUTICS INC	COM	09075P105	214	4,966	SH	DFND	1 3 4	4,966	0	0
BJS RESTAURANTS INC	COM	09180C106	10,456	180,032	SH	DFND	1 3 4	180,032	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	37,484	835,579	SH	DFND	1 3 4	835,579	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	1,310	29,213	SH	DFND	1 4	29,213	0	0
BK OF AMERICA CORP	COM	060505104	513,861	13,281,489	SH	DFND	1 3 4	13,273,669	0	7,820
BK OF AMERICA CORP	COM	060505104	6,516	168,420	SH	DFND	1 4	168,420	0	0
BLACK HILLS CORP	COM	092113109	14,129	211,614	SH	DFND	1 3 4	211,614	0	0
BLACK HILLS CORP	COM	092113109	425	6,365	SH	DFND	1 4	6,365	0	0
BLACK KNIGHT INC	COM	09215C105	688,397	9,303,919	SH	DFND	1 3 4	9,296,998	0	6,921
BLACK KNIGHT INC	COM	09215C105	1,259	17,013	SH	DFND	1 4	17,013	0	0
BLACKBAUD INC	COM	09227Q100	14,647	206,069	SH	DFND	1 3 4	206,069	0	0
BLACKBAUD INC	COM	09227Q100	738	10,379	SH	DFND	1 4	10,379	0	0
BLACKLINE INC	COM	09239B109	1,178	10,868	SH	DFND	1 4	10,868	0	0
BLACKROCK INC	COM	09247X101	2,422	3,213	SH	DFND	1 4	3,213	0	0
BLACKROCK INC	COM	09247X101	482,282	639,665	SH	DFND	1 3 4	637,666	0	1,999
BLACKSTONE GROUP INC	COM	09260D107	4,031	54,083	SH	DFND	1 3 4	54,083	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	437	14,089	SH	DFND	1 4	14,089	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	3,193	103,011	SH	DFND	1 3 4	103,011	0	0
BLOCK H & R INC	COM	093671105	19,221	881,704	SH	DFND	1 3 4	881,704	0	0
BLOCK H & R INC	COM	093671105	401	18,379	SH	DFND	1 4	18,379	0	0
BLOOM ENERGY CORP	COM CL A	093712107	495	18,297	SH	DFND	1 4	18,297	0	0
BLOOMIN BRANDS INC	COM	094235108	34,918	1,290,887	SH	DFND	1 3 4	1,290,887	0	0
BLOOMIN BRANDS INC	COM	094235108	505	18,674	SH	DFND	1 4	18,674	0	0
BLUCORA INC	COM	095229100	6,174	371,019	SH	DFND	1 3 4	371,019	0	0
BLUEBIRD BIO INC	COM	09609G100	8,271	274,337	SH	DFND	1 3 4	274,337	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	1,148	11,804	SH	DFND	1 4	11,804	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	5,818	59,842	SH	DFND	1 3 4	59,842	0	0
BOEING CO	COM	097023105	2,962	11,627	SH	DFND	1 4	11,627	0	0
BOEING CO	COM	097023105	162,712	638,787	SH	DFND	1 3 4	638,787	0	0
BOISE CASCADE CO DEL	COM	09739D100	18,568	310,346	SH	DFND	1 3 4	310,346	0	0
BOISE CASCADE CO DEL	COM	09739D100	284	4,749	SH	DFND	1 4	4,749	0	0
BONANZA CREEK ENERGY INC	COM NEW	097793400	4,555	127,474	SH	DFND	1 3 4	127,474	0	0

BOOKING HOLDINGS INC	COM	09857L108	110,756	47,538	SH	DFND	1 3 4	47,538	0	0
BOOKING HOLDINGS INC	COM	09857L108	7,248	3,111	SH	DFND	1 4	3,111	0	0
BOOT BARN HLDGS INC	COM	099406100	12,422	199,356	SH	DFND	1 3 4	199,356	0	0
BOOT BARN HLDGS INC	COM	099406100	365	5,858	SH	DFND	1 4	5,858	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	2,366	29,381	SH	DFND	1 3 4	29,381	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	1,228	15,249	SH	DFND	1 4	15,249	0	0
BORGWARNER INC	COM	099724106	14,217	306,661	SH	DFND	1 3 4	306,661	0	0
BORGWARNER INC	COM	099724106	832	17,945	SH	DFND	1 4	17,945	0	0
BOSTON BEER INC	CL A	100557107	1,206	1,000	SH	DFND	1 4	1,000	0	0
BOSTON BEER INC	CL A	100557107	37,419	31,020	SH	DFND	1 3 4	31,020	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	7,547	566,555	SH	DFND	1 3 4	566,555	0	0
BOSTON PROPERTIES INC	COM	101121101	20,389	201,352	SH	DFND	1 3 4	201,352	0	0
BOSTON PROPERTIES INC	COM	101121101	1,072	10,583	SH	DFND	1 4	10,583	0	0
BOSTON PROPERTIES INC	COM	101121101	128,129	1,265,348	SH	DFND	2 3 4	1,265,348	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	63,560	1,644,502	SH	DFND	1 3 4	1,644,502	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	1,204	31,144	SH	DFND	1 4	31,144	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	12,093	267,241	SH	DFND	1 3 4	267,241	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	428	9,466	SH	DFND	1 4	9,466	0	0
BOX INC	CL A	10316T104	702	30,584	SH	DFND	1 4	30,584	0	0
BOYD GAMING CORP	COM	103304101	16,003	271,420	SH	DFND	1 3 4	271,420	0	0
BOYD GAMING CORP	COM	103304101	485	8,225	SH	DFND	1 4	8,225	0	0
BRADY CORP	CL A	104674106	17,813	333,257	SH	DFND	1 3 4	333,257	0	0
BRADY CORP	CL A	104674106	466	8,711	SH	DFND	1 4	8,711	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	25,085	1,943,091	SH	DFND	1 3 4	1,943,091	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	154	11,894	SH	DFND	1 4	11,894	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	62,935	4,874,909	SH	DFND	2 3 4	4,874,909	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,693	27,478	SH	DFND	1 3 4	27,478	0	0
BRIDGEBIO PHARMA INC	COM	10806X102	1,236	20,068	SH	DFND	1 4	20,068	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	158,529	924,637	SH	DFND	1 3 4	924,637	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	1,011	5,895	SH	DFND	1 4	5,895	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	268	6,047	SH	DFND	1 4	6,047	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	13,030	294,467	SH	DFND	1 3 4	294,467	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	10,862	532,983	SH	DFND	1 3 4	532,983	0	0
BRIGHTSPHERE INVT GROUP INC	COM	10948W103	267	13,088	SH	DFND	1 4	13,088	0	0
BRIGHTVIEW HLDGS INC	COM	10948C107	20,741	1,229,499	SH	DFND	1 3 4	1,229,499	0	0
BRINKER INTL INC	COM	109641100	46,336	652,071	SH	DFND	1 3 4	652,071	0	0
BRINKER INTL INC	COM	109641100	565	7,952	SH	DFND	1 4	7,952	0	0
BRINKS CO	COM	109696104	13,220	166,855	SH	DFND	1 3 4	166,855	0	0
BRINKS CO	COM	109696104	832	10,497	SH	DFND	1 4	10,497	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	211,777	3,354,616	SH	DFND	1 3 4	3,354,616	0	0
BRISTOL-MYERS SQUIBB CO	COM	110122108	5,942	94,129	SH	DFND	1 4	94,129	0	0
BRISTOW GROUP INC	COM	11040G103	14,226	549,695	SH	DFND	1 3 4	549,695	0	0
BRIXMOR PPTY GROUP	COM	11120U105	410	20,265	SH	DFND	1 4	20,265	0	0

INC										
BRIXMOR PPTY GROUP INC	COM	11120U105	20,232	1,000,088	SH	DFND	1 3 4	1,000,088	0	0
BROADCOM INC	COM	11135F101	13,400	28,901	SH	DFND	1 4	28,901	0	0
BROADCOM INC	COM	11135F101	259,936	560,618	SH	DFND	1 3 4	560,618	0	0
BROADMARK RLTY CAP INC	COM	11135B100	139	13,275	SH	DFND	1 4	13,275	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	21,461	140,179	SH	DFND	1 3 4	140,179	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	1,971	12,873	SH	DFND	1 4	12,873	0	0
BROADSTONE NET LEASE INC	COM	11135E203	366	20,019	SH	DFND	2 3 4	20,019	0	0
BROOKDALE SR LIVING INC	COM	112463104	1,164	192,331	SH	DFND	1 3 4	192,331	0	0
BROOKDALE SR LIVING INC	COM	112463104	114	18,895	SH	DFND	1 4	18,895	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	1,825,367	41,019,675	SH	DFND	1 3 4	41,019,675	0	0
BROOKFIELD BUSINESS PARTNERS	UNIT LTD L P	G16234109	9,565	238,120	SH	DFND	1 3 4	238,120	0	0
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	476,522	8,948,825	SH	DFND	1 3 4	8,948,825	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	64,725	847,522	SH	DFND	1 3 4	847,522	0	0
BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	11275Q107	390	5,102	SH	DFND	1 4	5,102	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	667	14,244	SH	DFND	1 4	14,244	0	0
BROOKFIELD RENEWABLE CORP	CL A SUB VTG	11284V105	69,862	1,492,791	SH	DFND	1 3 4	1,492,791	0	0
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	151,017	3,545,044	SH	DFND	1 3 4	3,545,044	0	0
BROOKLINE BANCORP INC DEL	COM	11373M107	8,056	537,069	SH	DFND	1 3 4	537,069	0	0
BROOKS AUTOMATION INC NEW	COM	114340102	20,422	250,120	SH	DFND	1 3 4	250,120	0	0
BROOKS AUTOMATION INC NEW	COM	114340102	1,265	15,495	SH	DFND	1 4	15,495	0	0
BROWN & BROWN INC	COM	115236101	401,076	8,774,365	SH	DFND	1 3 4	8,774,365	0	0
BROWN & BROWN INC	COM	115236101	763	16,703	SH	DFND	1 4	16,703	0	0
BROWN FORMAN CORP	CL A	115637100	305	4,796	SH	DFND	1 4	4,796	0	0
BROWN FORMAN CORP	CL B	115637209	1,326	19,233	SH	DFND	1 4	19,233	0	0
BROWN FORMAN CORP	CL B	115637209	139,006	2,015,492	SH	DFND	1 3 4	2,015,492	0	0
BRP GROUP INC	COM CL A	05589G102	247	9,053	SH	DFND	1 4	9,053	0	0
BRUKER CORP	COM	116794108	585	9,095	SH	DFND	1 4	9,095	0	0
BRUNSWICK CORP	COM	117043109	158,191	1,658,697	SH	DFND	1 3 4	1,653,761	0	4,936
BRUNSWICK CORP	COM	117043109	514	5,393	SH	DFND	1 4	5,393	0	0
BRYN MAWR BK CORP	COM	117665109	782	17,179	SH	DFND	1 3 4	17,179	0	0
BUCKLE INC	COM	118440106	7,737	196,961	SH	DFND	1 3 4	196,961	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	62,923	1,356,967	SH	DFND	1 3 4	1,356,967	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	1,502	32,393	SH	DFND	1 4	32,393	0	0
BUNGE LIMITED	COM	G16962105	6,308	79,577	SH	DFND	1 3 4	79,577	0	0
BUNGE LIMITED	COM	G16962105	737	9,302	SH	DFND	1 4	9,302	0	0
BURLINGTON STORES INC	COM	122017106	2,092	7,002	SH	DFND	1 4	7,002	0	0
BWX TECHNOLOGIES INC	COM	05605H100	612	9,277	SH	DFND	1 4	9,277	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	14,865	155,766	SH	DFND	1 3 4	155,766	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	962	10,076	SH	DFND	1 4	10,076	0	0
CABLE ONE INC	COM	12685J105	211,480	115,667	SH	DFND	1 3 4	115,432	0	235
CABLE ONE INC	COM	12685J105	1,097	600	SH	DFND	1 4	600	0	0
CABOT CORP	COM	127055101	11,893	226,789	SH	DFND	1 3 4	226,789	0	0



CABOT CORP	COM	127055101	203	3,873	SH	DFND	1 4	3,873	0	0
CABOT OIL & GAS CORP	COM	127097103	11,089	590,458	SH	DFND	1 3 4	590,458	0	0
CABOT OIL & GAS CORP	COM	127097103	504	26,835	SH	DFND	1 4	26,835	0	0
CACI INTL INC	CL A	127190304	30,445	123,428	SH	DFND	1 3 4	123,428	0	0
CACI INTL INC	CL A	127190304	467	1,892	SH	DFND	1 4	1,892	0	0
CADENCE BANCORPORATION	CL A	12739A100	261	12,583	SH	DFND	1 4	12,583	0	0
CADENCE BANCORPORATION	CL A	12739A100	17,733	855,408	SH	DFND	1 3 4	855,408	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	4,250	31,024	SH	DFND	1 4	31,024	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	50,222	366,611	SH	DFND	1 3 4	366,611	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	118,030	1,349,687	SH	DFND	1 3 4	1,349,687	0	0
CAESARS ENTERTAINMENT INC NE	COM	12769G100	2,630	30,075	SH	DFND	1 4	30,075	0	0
CAL MAINE FOODS INC	COM NEW	128030202	9,869	256,869	SH	DFND	1 3 4	256,869	0	0
CAL MAINE FOODS INC	COM NEW	128030202	201	5,233	SH	DFND	1 4	5,233	0	0
CALAMP CORP	COM	128126109	2,613	240,799	SH	DFND	1 3 4	240,799	0	0
CALAVO GROWERS INC	COM	128246105	8,879	114,356	SH	DFND	1 3 4	114,356	0	0
CALAVO GROWERS INC	COM	128246105	273	3,513	SH	DFND	1 4	3,513	0	0
CALERES INC	COM	129500104	34,081	1,563,376	SH	DFND	1 3 4	1,563,376	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	570	10,111	SH	DFND	1 4	10,111	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	20,715	367,672	SH	DFND	1 3 4	367,672	0	0
CALITHERA BIOSCIENCES INC	COM	13089P101	37	15,216	SH	DFND	1 4	15,216	0	0
CALIX INC	COM	13100M509	389	11,227	SH	DFND	1 4	11,227	0	0
CALIX INC	COM	13100M509	1,262	36,408	SH	DFND	1 3 4	36,408	0	0
CALLAWAY GOLF CO	COM	131193104	17,327	647,733	SH	DFND	1 3 4	647,733	0	0
CALLAWAY GOLF CO	COM	131193104	255	9,523	SH	DFND	1 4	9,523	0	0
CALLON PETE CO DEL	COM	13123X508	19,116	495,890	SH	DFND	1 3 4	495,890	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	61,374	558,397	SH	DFND	1 3 4	558,189	0	208
CAMDEN PPTY TR	SH BEN INT	133131102	709	6,453	SH	DFND	1 4	6,453	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	128,028	1,164,840	SH	DFND	2 3 4	1,164,840	0	0
CAMPBELL SOUP CO	COM	134429109	13,042	259,435	SH	DFND	1 3 4	259,435	0	0
CAMPBELL SOUP CO	COM	134429109	884	17,579	SH	DFND	1 4	17,579	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	255	6,999	SH	DFND	1 4	6,999	0	0
CAMPING WORLD HLDGS INC	CL A	13462K109	842	23,141	SH	DFND	1 3 4	23,141	0	0
CANNAE HLDGS INC	COM	13765N107	348	8,792	SH	DFND	1 4	8,792	0	0
CANNAE HLDGS INC	COM	13765N107	73,362	1,851,647	SH	DFND	1 3 4	1,851,647	0	0
CANTEL MED CORP	COM	138098108	14,650	183,486	SH	DFND	1 3 4	183,486	0	0
CANTEL MED CORP	COM	138098108	646	8,092	SH	DFND	1 4	8,092	0	0
CAPITAL ONE FINL CORP	COM	14040H105	67,833	533,151	SH	DFND	1 3 4	533,151	0	0
CAPITAL ONE FINL CORP	COM	14040H105	1,256	9,875	SH	DFND	1 4	9,875	0	0
CAPITOL FED FINL INC	COM	14057J101	11,752	887,255	SH	DFND	1 3 4	887,255	0	0
CAPITOL FED FINL INC	COM	14057J101	176	13,305	SH	DFND	1 4	13,305	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	31,116	610,117	SH	DFND	1 3 4	610,117	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	495	9,701	SH	DFND	1 4	9,701	0	0
CAPSTEAD MTG CORP	COM NO PAR	14067E506	4,144	665,198	SH	DFND	1 3 4	665,198	0	0
CARA THERAPEUTICS INC	COM	140755109	226	10,416	SH	DFND	1 3 4	10,416	0	0
CARDINAL HEALTH INC	COM	14149Y108	22,635	372,589	SH	DFND	1 3 4	372,589	0	0
CARDINAL HEALTH INC	COM	14149Y108	1,999	32,903	SH	DFND	1 4	32,903	0	0
CARDIOVASCULAR SYS	COM	141619106	10,929	285,061	SH	DFND	1 3 4	285,061	0	0

INC DEL										
CARDIOVASCULAR SYS INC DEL	COM	141619106	321	8,378	SH	DFND	1 4	8,378	0	0
CARDLYTICS INC	COM	14161W105	9,661	88,067	SH	DFND	1 3 4	88,067	0	0
CARDLYTICS INC	COM	14161W105	699	6,370	SH	DFND	1 4	6,370	0	0
CARDTRONICS PLC	SHS CL A	G1991C105	9,635	248,335	SH	DFND	1 3 4	248,335	0	0
CARDTRONICS PLC	SHS CL A	G1991C105	260	6,703	SH	DFND	1 4	6,703	0	0
CAREDX INC	COM	14167L103	741	10,876	SH	DFND	1 3 4	10,876	0	0
CAREDX INC	COM	14167L103	729	10,708	SH	DFND	1 4	10,708	0	0
CARETRUST REIT INC	COM	14174T107	266	11,403	SH	DFND	1 4	11,403	0	0
CARETRUST REIT INC	COM	14174T107	17,312	743,471	SH	DFND	1 3 4	743,471	0	0
CARGURUS INC	COM CL A	141788109	446	18,720	SH	DFND	1 4	18,720	0	0
CARLISLE COS INC	COM	142339100	31,280	190,059	SH	DFND	1 3 4	190,059	0	0
CARLISLE COS INC	COM	142339100	592	3,597	SH	DFND	1 4	3,597	0	0
CARLYLE GROUP INC	COM	14316J108	318	8,639	SH	DFND	1 4	8,639	0	0
CARMAX INC	COM	143130102	1,233,347	9,297,058	SH	DFND	1 3 4	9,297,058	0	0
CARMAX INC	COM	143130102	1,546	11,654	SH	DFND	1 4	11,654	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	24,035	905,619	SH	DFND	1 3 4	905,619	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	1,092	41,150	SH	DFND	1 4	41,150	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	16,926	411,330	SH	DFND	1 3 4	411,330	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	201	4,875	SH	DFND	1 4	4,875	0	0
CARRIAGE SVCS INC	COM	143905107	240	6,834	SH	DFND	1 3 4	6,834	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	41,720	988,151	SH	DFND	1 3 4	988,151	0	0
CARRIER GLOBAL CORPORATION	COM	14448C104	3,084	73,041	SH	DFND	1 4	73,041	0	0
CARTERS INC	COM	146229109	260	2,923	SH	DFND	1 4	2,923	0	0
CARTERS INC	COM	146229109	18,421	207,145	SH	DFND	1 3 4	207,145	0	0
CARVANA CO	CL A	146869102	920	3,507	SH	DFND	1 3 4	3,507	0	0
CARVANA CO	CL A	146869102	1,639	6,245	SH	DFND	1 4	6,245	0	0
CASELLA WASTE SYS INC	CL A	147448104	615	9,675	SH	DFND	1 4	9,675	0	0
CASEYS GEN STORES INC	COM	147528103	26,918	124,511	SH	DFND	1 3 4	124,511	0	0
CASEYS GEN STORES INC	COM	147528103	543	2,511	SH	DFND	1 4	2,511	0	0
CASI PHARMACEUTICALS INC	COM	14757U109	30	12,563	SH	DFND	1 4	12,563	0	0
CASS INFORMATION SYS INC	COM	14808P109	327	7,066	SH	DFND	1 3 4	7,066	0	0
CASSAVA SCIENCES INC	COM	14817C107	207	4,614	SH	DFND	1 4	4,614	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	213	3,106	SH	DFND	1 4	3,106	0	0
CASTLE BIOSCIENCES INC	COM	14843C105	5,850	85,458	SH	DFND	1 3 4	85,458	0	0
CATALENT INC	COM	148806102	1,166	11,075	SH	DFND	1 4	11,075	0	0
CATALENT INC	COM	148806102	20,514	194,793	SH	DFND	1 3 4	194,793	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	95	20,701	SH	DFND	1 4	20,701	0	0
CATERPILLAR INC	COM	149123101	183,766	792,537	SH	DFND	1 3 4	792,149	0	388
CATERPILLAR INC	COM	149123101	2,742	11,825	SH	DFND	1 4	11,825	0	0
CATHAY GEN BANCORP	COM	149150104	67,796	1,662,453	SH	DFND	1 3 4	1,660,913	0	1,540
CATHAY GEN BANCORP	COM	149150104	316	7,738	SH	DFND	1 4	7,738	0	0
CATO CORP NEW	CL A	149205106	1,624	135,320	SH	DFND	1 3 4	135,320	0	0
CAVCO INDS INC DEL	COM	149568107	13,256	58,755	SH	DFND	1 3 4	58,755	0	0
CAVCO INDS INC DEL	COM	149568107	442	1,960	SH	DFND	1 4	1,960	0	0
CBIZ INC	COM	124805102	207	6,337	SH	DFND	1 4	6,337	0	0
CBOE GLOBAL MKTS INC	COM	12503M108	14,540	147,326	SH	DFND	1 3 4	147,326	0	0

CBOE GLOBAL MKTS INC	COM	12503M108	832	8,429	SH	DFND	1 4	8,429	0	0
CBRE GROUP INC	CL A	12504L109	1,796	22,707	SH	DFND	1 4	22,707	0	0
CBRE GROUP INC	CL A	12504L109	1,462	18,482	SH	DFND	2 3 4	18,482	0	0
CBRE GROUP INC	CL A	12504L109	650,013	8,216,563	SH	DFND	1 3 4	8,216,563	0	0
CDK GLOBAL INC	COM	12508E101	22,182	410,314	SH	DFND	1 3 4	410,314	0	0
CDK GLOBAL INC	COM	12508E101	487	9,001	SH	DFND	1 4	9,001	0	0
CDW CORP	COM	12514G108	27,918	168,435	SH	DFND	1 3 4	168,435	0	0
CDW CORP	COM	12514G108	2,645	15,957	SH	DFND	1 4	15,957	0	0
CELANESE CORP DEL	COM	150870103	21,743	145,136	SH	DFND	1 3 4	145,136	0	0
CELANESE CORP DEL	COM	150870103	1,157	7,722	SH	DFND	1 4	7,722	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	368	7,668	SH	DFND	1 4	7,668	0	0
CELSIUS HLDGS INC	COM NEW	15118V207	8,861	184,411	SH	DFND	1 3 4	184,411	0	0
CENTENE CORP DEL	COM	15135B101	1,389	21,733	SH	DFND	1 4	21,733	0	0
CENTENE CORP DEL	COM	15135B101	42,642	667,213	SH	DFND	1 3 4	667,213	0	0
CENTERPOINT ENERGY INC	COM	15189T107	14,299	631,317	SH	DFND	1 3 4	631,317	0	0
CENTERPOINT ENERGY INC	COM	15189T107	781	34,493	SH	DFND	1 4	34,493	0	0
CENTERSPACE	COM	15202L107	6,065	89,187	SH	DFND	1 3 4	89,187	0	0
CENTRAL GARDEN & PET CO	COM	153527106	3,887	67,007	SH	DFND	1 3 4	67,007	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	37,193	716,778	SH	DFND	1 3 4	716,778	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	281	5,423	SH	DFND	1 4	5,423	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	6,117	229,274	SH	DFND	1 3 4	229,274	0	0
CENTURY ALUM CO	COM	156431108	6,121	346,620	SH	DFND	1 3 4	346,620	0	0
CENTURY CMNTYS INC	COM	156504300	12,031	199,445	SH	DFND	1 3 4	199,445	0	0
CERENCE INC	COM	156727109	345	3,848	SH	DFND	1 4	3,848	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	40,167	476,649	SH	DFND	1 3 4	476,649	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	958	11,372	SH	DFND	1 4	11,372	0	0
CERNER CORP	COM	156782104	26,771	372,441	SH	DFND	1 3 4	372,441	0	0
CERNER CORP	COM	156782104	2,461	34,239	SH	DFND	1 4	34,239	0	0
CERUS CORP	COM	157085101	222	36,920	SH	DFND	1 3 4	36,920	0	0
CERUS CORP	COM	157085101	216	35,897	SH	DFND	1 4	35,897	0	0
CEVA INC	COM	157210105	8,801	156,745	SH	DFND	1 3 4	156,745	0	0
CEVA INC	COM	157210105	263	4,683	SH	DFND	1 4	4,683	0	0
CF INDS HLDGS INC	COM	125269100	17,136	377,603	SH	DFND	1 3 4	377,603	0	0
CF INDS HLDGS INC	COM	125269100	663	14,609	SH	DFND	1 4	14,609	0	0
CHAMPIONX CORPORATION	COM	15872M104	37,145	1,709,398	SH	DFND	1 3 4	1,709,398	0	0
CHAMPIONX CORPORATION	COM	15872M104	408	18,796	SH	DFND	1 4	18,796	0	0
CHANGE HEALTHCARE INC	COM	15912K100	545	24,669	SH	DFND	1 4	24,669	0	0
CHANNELADVISOR CORP	COM	159179100	926	39,304	SH	DFND	1 3 4	39,304	0	0
CHARLES RIV LABS INTL INC	COM	159864107	48,841	168,516	SH	DFND	1 3 4	168,516	0	0
CHARLES RIV LABS INTL INC	COM	159864107	1,522	5,252	SH	DFND	1 4	5,252	0	0
CHART INDS INC	COM	16115Q308	72,659	510,424	SH	DFND	1 3 4	510,424	0	0
CHART INDS INC	COM	16115Q308	520	3,655	SH	DFND	1 4	3,655	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	435,707	706,148	SH	DFND	1 3 4	706,148	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	6,135	9,943	SH	DFND	1 4	9,943	0	0
CHATHAM LODGING TR	COM	16208T102	4,252	323,131	SH	DFND	1 3 4	323,131	0	0
CHECK POINT	ORD	M22465104	1,083	9,670	SH	DFND	1 3 4	9,670	0	0

SOFTWARE TECH LT										
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	234	2,092	SH	DFND	1 4	2,092	0	0
CHECKPOINT THERAPEUTICS INC	COM	162828107	36	11,359	SH	DFND	1 4	11,359	0	0
CHEESECAKE FACTORY INC	COM	163072101	39,873	681,469	SH	DFND	1 3 4	681,469	0	0
CHEESECAKE FACTORY INC	COM	163072101	251	4,290	SH	DFND	1 4	4,290	0	0
CHEFS WHSE INC	COM	163086101	6,712	220,352	SH	DFND	1 3 4	220,352	0	0
CHEGG INC	COM	163092109	1,254	14,635	SH	DFND	1 4	14,635	0	0
CHEMED CORP NEW	COM	16359R103	25,145	54,684	SH	DFND	1 3 4	54,684	0	0
CHEMED CORP NEW	COM	16359R103	800	1,739	SH	DFND	1 4	1,739	0	0
CHEMOCENTRYX INC	COM	16383L106	784	15,306	SH	DFND	1 3 4	15,306	0	0
CHEMOCENTRYX INC	COM	16383L106	542	10,576	SH	DFND	1 4	10,576	0	0
CHEMOURS CO	COM	163851108	15,550	557,135	SH	DFND	1 3 4	557,135	0	0
CHEMOURS CO	COM	163851108	312	11,170	SH	DFND	1 4	11,170	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	1,874	26,025	SH	DFND	1 4	26,025	0	0
CHESAPEAKE UTILS CORP	COM	165303108	411	3,544	SH	DFND	1 4	3,544	0	0
CHESAPEAKE UTILS CORP	COM	165303108	15,693	135,188	SH	DFND	1 3 4	135,188	0	0
CHEVRON CORP NEW	COM	166764100	4,404	42,023	SH	DFND	1 4	42,023	0	0
CHEVRON CORP NEW	COM	166764100	469,619	4,481,540	SH	DFND	1 3 4	4,466,893	0	14,647
CHEWY INC	CL A	16679L109	22,734	268,377	SH	DFND	1 3 4	268,377	0	0
CHIASMA INC	COM	16706W102	35	11,197	SH	DFND	1 4	11,197	0	0
CHICOS FAS INC	COM	168615102	3,026	914,134	SH	DFND	1 3 4	914,134	0	0
CHICOS FAS INC	COM	168615102	39	11,724	SH	DFND	1 4	11,724	0	0
CHILDRENS PL INC NEW	COM	168905107	10,503	150,685	SH	DFND	1 3 4	150,685	0	0
CHIMERA INVT CORP	COM NEW	16934Q208	249	19,604	SH	DFND	1 4	19,604	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	63,238	44,508	SH	DFND	1 3 4	44,508	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	4,453	3,134	SH	DFND	1 4	3,134	0	0
CHOICE HOTELS INTL INC	COM	169905106	254	2,369	SH	DFND	1 4	2,369	0	0
CHOICE HOTELS INTL INC	COM	169905106	118,731	1,106,640	SH	DFND	2 3 4	1,106,640	0	0
CHOICE HOTELS INTL INC	COM	169905106	12,694	118,309	SH	DFND	1 3 4	118,309	0	0
CHUBB LIMITED	COM	H1467J104	1,550	9,813	SH	DFND	1 4	9,813	0	0
CHUBB LIMITED	COM	H1467J104	281,926	1,784,677	SH	DFND	1 3 4	1,781,443	0	3,234
CHURCH & DWIGHT INC	COM	171340102	63,376	725,546	SH	DFND	1 3 4	718,449	0	7,097
CHURCH & DWIGHT INC	COM	171340102	2,424	27,756	SH	DFND	1 4	27,756	0	0
CHURCHILL DOWNS INC	COM	171484108	26,540	116,699	SH	DFND	1 3 4	116,699	0	0
CHURCHILL DOWNS INC	COM	171484108	1,844	8,108	SH	DFND	1 4	8,108	0	0
CHUYS HLDGS INC	COM	171604101	7,842	176,938	SH	DFND	1 3 4	176,938	0	0
CIENA CORP	COM NEW	171779309	28,612	522,877	SH	DFND	1 3 4	522,877	0	0
CIENA CORP	COM NEW	171779309	572	10,454	SH	DFND	1 4	10,454	0	0
CIGNA CORP NEW	COM	125523100	3,030	12,533	SH	DFND	1 4	12,533	0	0
CIGNA CORP NEW	COM	125523100	97,647	403,932	SH	DFND	1 3 4	403,932	0	0
CIMAREX ENERGY CO	COM	171798101	408	6,867	SH	DFND	1 4	6,867	0	0
CIMAREX ENERGY CO	COM	171798101	93,470	1,573,847	SH	DFND	1 3 4	1,568,242	0	5,605
CIMPRESS PLC	SHS EURO	G2143T103	248	2,480	SH	DFND	1 4	2,480	0	0
CINCINNATI BELL INC NEW	COM NEW	171871502	5,371	349,905	SH	DFND	1 3 4	349,905	0	0
CINCINNATI FINL CORP	COM	172062101	17,693	171,630	SH	DFND	1 3 4	171,630	0	0
CINCINNATI FINL CORP	COM	172062101	1,048	10,166	SH	DFND	1 4	10,166	0	0
CINEMARK HLDGS INC	COM	17243V102	13,545	663,639	SH	DFND	1 3 4	663,639	0	0
CINEMARK HLDGS INC	COM	17243V102	221	10,816	SH	DFND	1 4	10,816	0	0
CINTAS CORP	COM	172908105	35,802	104,896	SH	DFND	1 3 4	104,896	0	0
CINTAS CORP	COM	172908105	3,237	9,484	SH	DFND	1 4	9,484	0	0
CIRCOR INTL INC	COM	17273K109	4,787	137,469	SH	DFND	1 3 4	137,469	0	0

CIRRUS LOGIC INC	COM	172755100	16,586	195,610	SH	DFND	1 3 4	195,610	0	0
CIRRUS LOGIC INC	COM	172755100	338	3,987	SH	DFND	1 4	3,987	0	0
CISCO SYS INC	COM	17275R102	4,789	92,613	SH	DFND	1 4	92,613	0	0
CISCO SYS INC	COM	17275R102	320,650	6,200,934	SH	DFND	1 3 4	6,200,934	0	0
CIT GROUP INC	COM NEW	125581801	17,134	332,643	SH	DFND	1 3 4	332,643	0	0
CIT GROUP INC	COM NEW	125581801	514	9,981	SH	DFND	1 4	9,981	0	0
CITIGROUP INC	COM NEW	172967424	176,280	2,423,095	SH	DFND	1 3 4	2,423,095	0	0
CITIGROUP INC	COM NEW	172967424	3,298	45,337	SH	DFND	1 4	45,337	0	0
CITIZENS FINANCIAL GROUP INC	COM	174610105	25,380	574,860	SH	DFND	1 3 4	574,860	0	0
CITIZENS FINANCIAL GROUP INC	COM	174610105	1,281	29,010	SH	DFND	1 4	29,010	0	0
CITRIX SYS INC	COM	177376100	19,852	141,438	SH	DFND	1 3 4	141,438	0	0
CITRIX SYS INC	COM	177376100	1,392	9,919	SH	DFND	1 4	9,919	0	0
CITY HLDG CO	COM	177835105	10,164	124,285	SH	DFND	1 3 4	124,285	0	0
CITY OFFICE REIT INC	COM	178587101	1,588	149,487	SH	DFND	2 3 4	149,487	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	183	13,320	SH	DFND	1 4	13,320	0	0
CLEAN HARBORS INC	COM	184496107	14,281	169,892	SH	DFND	1 3 4	169,892	0	0
CLEAN HARBORS INC	COM	184496107	295	3,513	SH	DFND	1 4	3,513	0	0
CLEARWATER PAPER CORP	COM	18538R103	4,294	114,129	SH	DFND	1 3 4	114,129	0	0
CLEARWAY ENERGY INC	CL C	18539C204	292	10,383	SH	DFND	1 4	10,383	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	76,738	3,815,881	SH	DFND	1 3 4	3,815,881	0	0
CLEVELAND-CLIFFS INC NEW	COM	185899101	917	45,615	SH	DFND	1 4	45,615	0	0
CLOROX CO DEL	COM	189054109	32,333	167,633	SH	DFND	1 3 4	167,633	0	0
CLOROX CO DEL	COM	189054109	2,423	12,563	SH	DFND	1 4	12,563	0	0
CLOUDERA INC	COM	18914U100	391	32,118	SH	DFND	1 4	32,118	0	0
CLOUDFLARE INC	CL A COM	18915M107	17,604	250,554	SH	DFND	1 3 4	250,554	0	0
CLOUDFLARE INC	CL A COM	18915M107	918	13,065	SH	DFND	1 4	13,065	0	0
CLOVIS ONCOLOGY INC	COM	189464100	124	17,688	SH	DFND	1 4	17,688	0	0
CLOVIS ONCOLOGY INC	COM	189464100	2,089	297,621	SH	DFND	1 3 4	297,621	0	0
CMC MATERIALS INC	COM	12571T100	18,868	106,724	SH	DFND	1 3 4	106,724	0	0
CMC MATERIALS INC	COM	12571T100	1,095	6,193	SH	DFND	1 4	6,193	0	0
CME GROUP INC	COM	12572Q105	83,926	410,939	SH	DFND	1 3 4	410,939	0	0
CME GROUP INC	COM	12572Q105	1,582	7,748	SH	DFND	1 4	7,748	0	0
CMS ENERGY CORP	COM	125896100	32,839	536,413	SH	DFND	1 3 4	536,413	0	0
CMS ENERGY CORP	COM	125896100	1,190	19,444	SH	DFND	1 4	19,444	0	0
CNH INDL N V	SHS	N20944109	18,465	1,180,668	SH	DFND	1 3 4	1,180,668	0	0
CNO FINL GROUP INC	COM	12621E103	42,475	1,748,689	SH	DFND	1 3 4	1,748,689	0	0
CNO FINL GROUP INC	COM	12621E103	332	13,656	SH	DFND	1 4	13,656	0	0
CNX RES CORP	COM	12653C108	10,884	740,408	SH	DFND	1 3 4	740,408	0	0
CNX RES CORP	COM	12653C108	324	22,063	SH	DFND	1 4	22,063	0	0
COCA COLA CO	COM	191216100	490,930	9,313,793	SH	DFND	1 3 4	9,303,041	0	10,752
COCA COLA CO	COM	191216100	10,954	207,814	SH	DFND	1 4	207,814	0	0
COCA COLA CONS INC	COM	191098102	9,212	31,901	SH	DFND	1 3 4	31,901	0	0
COCA COLA CONS INC	COM	191098102	290	1,003	SH	DFND	1 4	1,003	0	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	1,297	24,869	SH	DFND	1 3 4	24,869	0	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	398	7,625	SH	DFND	1 4	7,625	0	0
CODEXIS INC	COM	192005106	282	12,308	SH	DFND	1 4	12,308	0	0
CO-DIAGNOSTICS INC	COM	189763105	1,549	162,333	SH	DFND	1 3 4	162,333	0	0
COEUR MNG INC	COM NEW	192108504	223	24,736	SH	DFND	1 4	24,736	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	623	9,066	SH	DFND	1 4	9,066	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	20,012	291,038	SH	DFND	1 3 4	291,038	0	0

COGNEX CORP	COM	192422103	98,470	1,186,529	SH	DFND	1 3 4	1,186,529	0	0
COGNEX CORP	COM	192422103	1,546	18,630	SH	DFND	1 4	18,630	0	0
COGNIZANT TECHNOLOGY SOLUTIONS INC	CL A	192446102	48,907	626,052	SH	DFND	1 3 4	626,052	0	0
COGNIZANT TECHNOLOGY SOLUTIONS INC	CL A	192446102	1,073	13,734	SH	DFND	1 4	13,734	0	0
COHEN & STEERS INC	COM	19247A100	2,232	34,167	SH	DFND	1 3 4	34,167	0	0
COHEN & STEERS INC	COM	19247A100	341	5,214	SH	DFND	1 4	5,214	0	0
COHERENT INC	COM	192479103	20,836	82,393	SH	DFND	1 3 4	82,393	0	0
COHERENT INC	COM	192479103	637	2,520	SH	DFND	1 4	2,520	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	7,950	544,126	SH	DFND	1 3 4	544,126	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	189	12,906	SH	DFND	1 4	12,906	0	0
COHU INC	COM	192576106	13,556	323,998	SH	DFND	1 3 4	323,998	0	0
COLFAX CORP	COM	194014106	111,358	2,541,830	SH	DFND	1 3 4	2,541,830	0	0
COLFAX CORP	COM	194014106	329	7,515	SH	DFND	1 4	7,515	0	0
COLGATE PALMOLIVE CO	COM	194162103	85,193	1,080,714	SH	DFND	1 3 4	1,080,714	0	0
COLGATE PALMOLIVE CO	COM	194162103	1,450	18,400	SH	DFND	1 4	18,400	0	0
COLLEGIUM PHARMACEUTICAL INC	COM	19459J104	16,781	708,073	SH	DFND	1 3 4	708,073	0	0
COLONY CAP INC NEW	CL A COM	19626G108	318	49,026	SH	DFND	1 4	49,026	0	0
COLUMBIA BKG SYS INC	COM	197236102	24,913	578,158	SH	DFND	1 3 4	578,158	0	0
COLUMBIA BKG SYS INC	COM	197236102	315	7,312	SH	DFND	1 4	7,312	0	0
COLUMBIA PPTY TR INC	COM NEW	198287203	198	11,587	SH	DFND	1 4	11,587	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	10,870	102,911	SH	DFND	1 3 4	102,911	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	211	1,997	SH	DFND	1 4	1,997	0	0
COLUMBUS MCKINNON CORP N Y	COM	199333105	15,419	292,250	SH	DFND	1 3 4	292,250	0	0
COMCAST CORP NEW	CL A	20030N101	478,509	8,843,255	SH	DFND	1 3 4	8,838,191	0	5,064
COMCAST CORP NEW	CL A	20030N101	5,347	98,821	SH	DFND	1 4	98,821	0	0
COMERICA INC	COM	200340107	683	9,517	SH	DFND	1 4	9,517	0	0
COMERICA INC	COM	200340107	15,864	221,133	SH	DFND	1 3 4	221,133	0	0
COMFORT SYS USA INC	COM	199908104	40,373	539,961	SH	DFND	1 3 4	539,684	0	277
COMFORT SYS USA INC	COM	199908104	366	4,893	SH	DFND	1 4	4,893	0	0
COMMERCE BANCSHARES INC	COM	200525103	27,204	355,094	SH	DFND	1 3 4	355,094	0	0
COMMERCE BANCSHARES INC	COM	200525103	550	7,180	SH	DFND	1 4	7,180	0	0
COMMERCIAL METALS CO	COM	201723103	16,907	548,228	SH	DFND	1 3 4	548,228	0	0
COMMERCIAL METALS CO	COM	201723103	374	12,135	SH	DFND	1 4	12,135	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	25,784	1,678,684	SH	DFND	1 3 4	1,678,684	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	215	13,991	SH	DFND	1 4	13,991	0	0
COMMUNITY BK SYS INC	COM	203607106	28,303	368,914	SH	DFND	1 3 4	368,914	0	0
COMMUNITY BK SYS INC	COM	203607106	411	5,353	SH	DFND	1 4	5,353	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	13,172	974,242	SH	DFND	1 3 4	974,242	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	7,154	155,126	SH	DFND	1 3 4	155,126	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	225	4,879	SH	DFND	1 4	4,879	0	0
COMMUNITY TR BANCORP INC	COM	204149108	534	12,120	SH	DFND	1 3 4	12,120	0	0
COMMVault SYSTEMS INC	COM	204166102	10,216	158,382	SH	DFND	1 3 4	158,382	0	0

COMMVault SYSTEMS INC	COM	204166102	581	9,015	SH	DFND	1 4	9,015	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	1,097	149,639	SH	DFND	1 3 4	149,639	0	0
COMPASS MINERALS INTL INC	COM	20451N101	7,181	114,492	SH	DFND	1 3 4	114,492	0	0
COMPASS MINERALS INTL INC	COM	20451N101	457	7,287	SH	DFND	1 4	7,287	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	2,866	93,664	SH	DFND	1 3 4	93,664	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	5,174	208,289	SH	DFND	1 3 4	208,289	0	0
CONAGRA BRANDS INC	COM	205887102	22,927	609,753	SH	DFND	1 3 4	609,753	0	0
CONAGRA BRANDS INC	COM	205887102	1,248	33,188	SH	DFND	1 4	33,188	0	0
CONCENTRIX CORP	COM	20602D101	58,703	392,083	SH	DFND	1 3 4	392,083	0	0
CONCENTRIX CORP	COM	20602D101	422	2,819	SH	DFND	1 4	2,819	0	0
CONDUENT INC	COM	206787103	113	17,011	SH	DFND	1 4	17,011	0	0
CONMED CORP	COM	207410101	101,871	780,084	SH	DFND	1 3 4	779,425	0	659
CONMED CORP	COM	207410101	757	5,797	SH	DFND	1 4	5,797	0	0
CONNECTONE BANCORP INC	COM	20786W107	592	23,349	SH	DFND	1 3 4	23,349	0	0
CONNS INC	COM	208242107	2,577	132,474	SH	DFND	1 3 4	132,474	0	0
CONOCOPHILLIPS	COM	20825C104	96,635	1,824,334	SH	DFND	1 3 4	1,824,334	0	0
CONOCOPHILLIPS	COM	20825C104	1,571	29,655	SH	DFND	1 4	29,655	0	0
CONSOL ENERGY INC DISC COML	COM	20854L108	2,001	205,830	SH	DFND	1 3 4	205,830	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	4,144	575,490	SH	DFND	1 3 4	575,490	0	0
CONSOLIDATED EDISON INC	COM	209115104	29,313	391,888	SH	DFND	1 3 4	391,888	0	0
CONSOLIDATED EDISON INC	COM	209115104	1,742	23,283	SH	DFND	1 4	23,283	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	46,584	204,315	SH	DFND	1 3 4	204,315	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	793	3,478	SH	DFND	1 4	3,478	0	0
CONSTELLATION PHARMCETICLS I	COM	210373106	247	10,556	SH	DFND	1 3 4	10,556	0	0
CONTANGO OIL & GAS CO	COM NEW	21075N204	52	13,287	SH	DFND	1 4	13,287	0	0
COOPER COS INC	COM NEW	216648402	21,626	56,305	SH	DFND	1 3 4	56,305	0	0
COOPER COS INC	COM NEW	216648402	1,372	3,572	SH	DFND	1 4	3,572	0	0
COOPER STD HLDGS INC	COM	21676P103	4,218	116,136	SH	DFND	1 3 4	116,136	0	0
COOPER TIRE & RUBR CO	COM	216831107	286	5,101	SH	DFND	1 4	5,101	0	0
COOPER TIRE & RUBR CO	COM	216831107	19,406	346,660	SH	DFND	1 3 4	346,660	0	0
COPA HOLDINGS SA	CL A	P31076105	48,186	596,434	SH	DFND	1 3 4	596,434	0	0
COPART INC	COM	217204106	2,491	22,934	SH	DFND	1 4	22,934	0	0
COPART INC	COM	217204106	785,748	7,234,575	SH	DFND	1 3 4	7,234,575	0	0
CORBUS PHARMACEUTICALS HLDGS	COM	21833P103	36	18,157	SH	DFND	1 3 4	18,157	0	0
CORBUS PHARMACEUTICALS HLDGS	COM	21833P103	28	14,221	SH	DFND	1 4	14,221	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	17,263	725,659	SH	DFND	1 3 4	725,659	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	494	20,757	SH	DFND	1 4	20,757	0	0
CORE LABORATORIES N V	COM	N22717107	10,024	348,177	SH	DFND	1 3 4	348,177	0	0
CORE MARK HOLDING CO INC	COM	218681104	12,822	331,415	SH	DFND	1 3 4	331,415	0	0
CORE MARK HOLDING CO INC	COM	218681104	355	9,164	SH	DFND	1 4	9,164	0	0

CORECIVIC INC	COM	21871N101	7,442	822,280	SH	DFND	1 3 4	822,280	0	0
CORECIVIC INC	COM	21871N101	112	12,340	SH	DFND	1 4	12,340	0	0
CORELOGIC INC	COM	21871D103	19,537	246,522	SH	DFND	1 3 4	246,522	0	0
CORELOGIC INC	COM	21871D103	409	5,165	SH	DFND	1 4	5,165	0	0
CORESITE RLTY CORP	COM	21870Q105	23,114	192,852	SH	DFND	1 3 4	192,852	0	0
CORESITE RLTY CORP	COM	21870Q105	474	3,955	SH	DFND	1 4	3,955	0	0
CORESITE RLTY CORP	COM	21870Q105	172,902	1,442,647	SH	DFND	2 3 4	1,442,647	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	3,875	88,923	SH	DFND	1 3 4	88,923	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	571	13,103	SH	DFND	1 4	13,103	0	0
CORNING INC	COM	219350105	38,265	879,461	SH	DFND	1 3 4	879,461	0	0
CORNING INC	COM	219350105	2,216	50,934	SH	DFND	1 4	50,934	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	14,175	538,355	SH	DFND	1 3 4	538,355	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	206	7,815	SH	DFND	1 4	7,815	0	0
CORTEVA INC	COM	22052L104	2,382	51,086	SH	DFND	1 4	51,086	0	0
CORTEVA INC	COM	22052L104	269,641	5,783,791	SH	DFND	1 3 4	5,771,369	0	12,422
CORTEXYME INC	COM	22053A107	236	6,552	SH	DFND	1 3 4	6,552	0	0
CORVEL CORP	COM	221006109	7,335	71,494	SH	DFND	1 3 4	71,494	0	0
COSTAR GROUP INC	COM	22160N109	780,680	949,860	SH	DFND	1 3 4	949,860	0	0
COSTAR GROUP INC	COM	22160N109	3,606	4,388	SH	DFND	1 4	4,388	0	0
COSTCO WHSL CORP NEW	COM	22160K105	601,349	1,706,051	SH	DFND	1 3 4	1,702,253	0	3,798
COSTCO WHSL CORP NEW	COM	22160K105	10,862	30,816	SH	DFND	1 4	30,816	0	0
COSTCO WHSL CORP NEW	COM	22160K105	203	576	SH	SOLE		0	0	576
COTY INC	COM CL A	222070203	36,229	4,020,924	SH	DFND	1 3 4	4,020,924	0	0
COTY INC	COM CL A	222070203	180	20,028	SH	DFND	1 4	20,028	0	0
COUPA SOFTWARE INC	COM	22266L106	1,972	7,748	SH	DFND	1 4	7,748	0	0
COUSINS PPTYS INC	COM NEW	222795502	295,212	8,351,132	SH	DFND	2 3 4	8,351,132	0	0
COUSINS PPTYS INC	COM NEW	222795502	358	10,121	SH	DFND	1 4	10,121	0	0
COUSINS PPTYS INC	COM NEW	222795502	60,533	1,712,405	SH	DFND	1 3 4	1,712,405	0	0
COVANTA HLDG CORP	COM	22282E102	244	17,615	SH	DFND	1 4	17,615	0	0
COVETRUS INC	COM	22304C100	20,484	683,487	SH	DFND	1 3 4	683,487	0	0
COVETRUS INC	COM	22304C100	352	11,758	SH	DFND	1 4	11,758	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	13,822	79,953	SH	DFND	1 3 4	79,953	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	614	3,550	SH	DFND	1 4	3,550	0	0
CRANE CO	COM	224399105	72,441	771,390	SH	DFND	1 3 4	770,720	0	670
CRANE CO	COM	224399105	318	3,384	SH	DFND	1 4	3,384	0	0
CREDICORP LTD	COM	G2519Y108	19,713	144,344	SH	DFND	1 3 4	144,344	0	0
CREDIT ACCEP CORP MICH	COM	225310101	365,605	1,014,921	SH	DFND	1 3 4	1,014,921	0	0
CREDIT ACCEP CORP MICH	COM	225310101	241	668	SH	DFND	1 4	668	0	0
CREE INC	COM	225447101	79,266	733,066	SH	DFND	1 3 4	733,066	0	0
CREE INC	COM	225447101	806	7,457	SH	DFND	1 4	7,457	0	0
CRISPR THERAPEUTICS AG	NAMEN AKT	H17182108	1,920	15,754	SH	DFND	1 3 4	15,754	0	0
CRITEO S A	SPONS ADS	226718104	2,722	78,367	SH	DFND	1 3 4	78,367	0	0
CROCS INC	COM	227046109	57,614	716,148	SH	DFND	1 3 4	716,148	0	0
CROCS INC	COM	227046109	1,146	14,242	SH	DFND	1 4	14,242	0	0
CROSS CTRY HEALTHCARE INC	COM	227483104	2,995	239,782	SH	DFND	1 3 4	239,782	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	11,115	60,903	SH	DFND	1 3 4	60,903	0	0
CROWDSTRIKE HLDGS INC	CL A	22788C105	2,828	15,497	SH	DFND	1 4	15,497	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	85,236	495,185	SH	DFND	1 3 4	495,185	0	0



CROWN CASTLE INTL CORP NEW	COM	22822V101	5,187	30,137	SH	DFND	1 4	30,137	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	23,955	139,166	SH	DFND	2 3 4	139,166	0	0
CROWN HLDGS INC	COM	228368106	924	9,517	SH	DFND	1 4	9,517	0	0
CRYOLIFE INC	COM	228903100	6,236	276,169	SH	DFND	1 3 4	276,169	0	0
CRYOPORT INC	COM PAR \$0.001	229050307	443	8,510	SH	DFND	1 4	8,510	0	0
CSG SYS INTL INC	COM	126349109	11,564	257,607	SH	DFND	1 3 4	257,607	0	0
CSG SYS INTL INC	COM	126349109	310	6,900	SH	DFND	1 4	6,900	0	0
CSW INDUSTRIALS INC	COM	126402106	394	2,920	SH	DFND	1 4	2,920	0	0
CSX CORP	COM	126408103	84,188	873,141	SH	DFND	1 3 4	873,141	0	0
CSX CORP	COM	126408103	1,605	16,650	SH	DFND	1 4	16,650	0	0
CTS CORP	COM	126501105	6,906	222,332	SH	DFND	1 3 4	222,332	0	0
CUBESMART	COM	229663109	7,301	192,985	SH	DFND	1 3 4	192,985	0	0
CUBESMART	COM	229663109	500	13,219	SH	DFND	1 4	13,219	0	0
CUBESMART	COM	229663109	303,401	8,020,112	SH	DFND	2 3 4	8,020,112	0	0
CUBIC CORP	COM	229669106	16,274	218,243	SH	DFND	1 3 4	218,243	0	0
CUBIC CORP	COM	229669106	276	3,702	SH	DFND	1 4	3,702	0	0
CULLEN FROST BANKERS INC	COM	229899109	416	3,825	SH	DFND	1 4	3,825	0	0
CULLEN FROST BANKERS INC	COM	229899109	95,525	878,322	SH	DFND	1 3 4	875,686	0	2,636
CUMMINS INC	COM	231021106	63,587	245,405	SH	DFND	1 3 4	245,405	0	0
CUMMINS INC	COM	231021106	2,600	10,035	SH	DFND	1 4	10,035	0	0
CURTISS WRIGHT CORP	COM	231561101	22,139	186,669	SH	DFND	1 3 4	186,669	0	0
CURTISS WRIGHT CORP	COM	231561101	336	2,834	SH	DFND	1 4	2,834	0	0
CUSTOMERS BANCORP INC	COM	23204G100	7,239	227,496	SH	DFND	1 3 4	227,496	0	0
CUTERA INC	COM	232109108	3,642	121,195	SH	DFND	1 3 4	121,195	0	0
CVB FINL CORP	COM	126600105	22,171	1,003,665	SH	DFND	1 3 4	1,003,665	0	0
CVB FINL CORP	COM	126600105	291	13,188	SH	DFND	1 4	13,188	0	0
CVR ENERGY INC	COM	12662P108	1,094	57,045	SH	DFND	1 3 4	57,045	0	0
CVS HEALTH CORP	COM	126650100	2,148	28,557	SH	DFND	1 4	28,557	0	0
CVS HEALTH CORP	COM	126650100	123,163	1,637,149	SH	DFND	1 3 4	1,637,149	0	0
CYBERARK SOFTWARE LTD	SHS	M2682V108	30,502	235,825	SH	DFND	1 3 4	235,825	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	69	15,301	SH	DFND	1 3 4	15,301	0	0
CYRUSONE INC	COM	23283R100	128,051	1,890,880	SH	DFND	1 3 4	1,883,835	0	7,045
CYRUSONE INC	COM	23283R100	553	8,172	SH	DFND	1 4	8,172	0	0
CYRUSONE INC	COM	23283R100	138,211	2,040,907	SH	DFND	2 3 4	2,040,907	0	0
CYTOKINETICS INC	COM NEW	23282W605	11,733	504,420	SH	DFND	1 3 4	504,420	0	0
CYTOKINETICS INC	COM NEW	23282W605	309	13,299	SH	DFND	1 4	13,299	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	79	10,263	SH	DFND	1 3 4	10,263	0	0
CYTOMX THERAPEUTICS INC	COM	23284F105	102	13,136	SH	DFND	1 4	13,136	0	0
D R HORTON INC	COM	23331A109	36,867	413,673	SH	DFND	1 3 4	413,673	0	0
D R HORTON INC	COM	23331A109	2,001	22,455	SH	DFND	1 4	22,455	0	0
D R HORTON INC	COM	23331A109	80,159	899,452	SH	DFND	2 3 4	899,452	0	0
DAKTRONICS INC	COM	234264109	1,589	253,426	SH	DFND	1 3 4	253,426	0	0
DANA INC	COM	235825205	13,997	575,284	SH	DFND	1 3 4	575,284	0	0
DANA INC	COM	235825205	356	14,638	SH	DFND	1 4	14,638	0	0
DANAHER CORPORATION	COM	235851102	464,428	2,063,390	SH	DFND	1 3 4	2,063,390	0	0
DANAHER CORPORATION	COM	235851102	3,068	13,631	SH	DFND	1 4	13,631	0	0
DARDEN RESTAURANTS INC	COM	237194105	22,423	157,909	SH	DFND	1 3 4	157,909	0	0
DARDEN RESTAURANTS INC	COM	237194105	1,256	8,847	SH	DFND	1 4	8,847	0	0
DARLING INGREDIENTS INC	COM	237266101	95,951	1,304,037	SH	DFND	1 3 4	1,304,037	0	0

DARLING INGREDIENTS INC	COM	237266101	1,205	16,376	SH	DFND	1 4	16,376	0	0
DASEKE INC	COM	23753F107	89	10,520	SH	DFND	1 4	10,520	0	0
DATADOG INC	CL A COM	23804L103	1,429	17,146	SH	DFND	1 4	17,146	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	300	6,264	SH	DFND	1 4	6,264	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	15,685	327,449	SH	DFND	1 3 4	327,449	0	0
DAVITA INC	COM	23918K108	8,914	82,711	SH	DFND	1 3 4	82,711	0	0
DAVITA INC	COM	23918K108	626	5,809	SH	DFND	1 4	5,809	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	562	12,523	SH	DFND	1 3 4	12,523	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	375	8,354	SH	DFND	1 4	8,354	0	0
DECKERS OUTDOOR CORP	COM	243537107	112,059	339,141	SH	DFND	1 3 4	335,757	0	3,384
DECKERS OUTDOOR CORP	COM	243537107	1,973	5,971	SH	DFND	1 4	5,971	0	0
DEERE & CO	COM	244199105	483,884	1,293,321	SH	DFND	1 3 4	1,289,416	0	3,905
DEERE & CO	COM	244199105	2,304	6,157	SH	DFND	1 4	6,157	0	0
DELEK US HLDGS INC NEW	COM	24665A103	1,951	89,590	SH	DFND	1 3 4	89,590	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	207	2,353	SH	DFND	1 3 4	2,353	0	0
DELL TECHNOLOGIES INC	CL C	24703L202	574	6,515	SH	DFND	1 4	6,515	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	2,091	43,308	SH	DFND	1 4	43,308	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	37,224	771,004	SH	DFND	1 3 4	771,004	0	0
DELUXE CORP	COM	248019101	13,941	332,251	SH	DFND	1 3 4	332,251	0	0
DENALI THERAPEUTICS INC	COM	24823R105	18,509	324,154	SH	DFND	1 3 4	324,154	0	0
DENALI THERAPEUTICS INC	COM	24823R105	766	13,413	SH	DFND	1 4	13,413	0	0
DENNY'S CORP	COM	24869P104	1,449	79,998	SH	DFND	1 3 4	79,998	0	0
DENNY'S CORP	COM	24869P104	196	10,811	SH	DFND	1 4	10,811	0	0
DENTSPLY SIRONA INC	COM	24906P109	19,149	300,101	SH	DFND	1 3 4	300,101	0	0
DENTSPLY SIRONA INC	COM	24906P109	947	14,844	SH	DFND	1 4	14,844	0	0
DESIGNER BRANDS INC	CL A	250565108	7,037	404,416	SH	DFND	1 3 4	404,416	0	0
DEVON ENERGY CORP NEW	COM	25179M103	14,817	678,134	SH	DFND	1 3 4	678,134	0	0
DEVON ENERGY CORP NEW	COM	25179M103	879	40,218	SH	DFND	1 4	40,218	0	0
DEXCOM INC	COM	252131107	51,390	142,991	SH	DFND	1 3 4	142,991	0	0
DEXCOM INC	COM	252131107	2,515	6,999	SH	DFND	1 4	6,999	0	0
DHT HOLDINGS INC	SHS NEW	Y2065G121	68	11,413	SH	DFND	1 4	11,413	0	0
DIAGEO PLC	SPON ADR NEW	25243Q205	493	3,000	SH	DFND	1 3 4	0	0	3,000
DIAMONDBACK ENERGY INC	COM	25278X109	48,614	661,504	SH	DFND	1 3 4	660,916	0	588
DIAMONDBACK ENERGY INC	COM	25278X109	848	11,544	SH	DFND	1 4	11,544	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	17,005	1,650,899	SH	DFND	1 3 4	1,650,899	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	208	20,206	SH	DFND	1 4	20,206	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	37,654	3,655,708	SH	DFND	2 3 4	3,655,708	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	360	14,068	SH	DFND	1 4	14,068	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	423	16,543	SH	DFND	1 3 4	16,543	0	0
DICKS SPORTING GOODS INC	COM	253393102	26,089	342,603	SH	DFND	1 3 4	342,603	0	0
DICKS SPORTING	COM	253393102	321	4,213	SH	DFND	1 4	4,213	0	0

GOODS INC										
DIEBOLD INC	COM	253651103	8,410	595,152	SH	DFND	1 3 4	595,152	0	0
DIEBOLD INC	COM	253651103	146	10,298	SH	DFND	1 4	10,298	0	0
DIGI INTL INC	COM	253798102	4,334	228,243	SH	DFND	1 3 4	228,243	0	0
DIGITAL RLTY TR INC	COM	253868103	235,167	1,669,746	SH	DFND	1 3 4	1,666,378	0	3,368
DIGITAL RLTY TR INC	COM	253868103	856	6,081	SH	DFND	1 4	6,081	0	0
DIGITAL RLTY TR INC	COM	253868103	82,958	589,029	SH	DFND	2 3 4	589,029	0	0
DIGITAL TURBINE INC	COM NEW	25400W102	1,444	17,965	SH	DFND	1 4	17,965	0	0
DINE BRANDS GLOBAL INC	COM	254423106	10,299	114,400	SH	DFND	1 3 4	114,400	0	0
DIODES INC	COM	254543101	23,085	289,144	SH	DFND	1 3 4	289,144	0	0
DIODES INC	COM	254543101	419	5,248	SH	DFND	1 4	5,248	0	0
DISCOVER FINL SVCS	COM	254709108	267,299	2,813,975	SH	DFND	1 3 4	2,805,076	0	8,899
DISCOVER FINL SVCS	COM	254709108	1,982	20,862	SH	DFND	1 4	20,862	0	0
DISCOVERY INC	COM SER A	25470F104	8,082	185,975	SH	DFND	1 3 4	185,975	0	0
DISCOVERY INC	COM SER A	25470F104	464	10,676	SH	DFND	1 4	10,676	0	0
DISCOVERY INC	COM SER C	25470F302	12,239	331,762	SH	DFND	1 3 4	331,762	0	0
DISCOVERY INC	COM SER C	25470F302	779	21,111	SH	DFND	1 4	21,111	0	0
DISH NETWORK CORPORATION	CL A	25470M109	11,836	326,948	SH	DFND	1 3 4	326,948	0	0
DISH NETWORK CORPORATION	CL A	25470M109	609	16,818	SH	DFND	1 4	16,818	0	0
DISNEY WALT CO	COM	254687106	459,526	2,490,389	SH	DFND	1 3 4	2,490,389	0	0
DISNEY WALT CO	COM	254687106	7,261	39,353	SH	DFND	1 4	39,353	0	0
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	7,828	1,637,632	SH	DFND	1 3 4	1,637,632	0	0
DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	25525P107	117	24,466	SH	DFND	1 4	24,466	0	0
DMC GLOBAL INC	COM	23291C103	5,739	105,767	SH	DFND	1 3 4	105,767	0	0
DOCUSIGN INC	COM	256163106	339	1,675	SH	DFND	1 3 4	1,675	0	0
DOCUSIGN INC	COM	256163106	4,126	20,382	SH	DFND	1 4	20,382	0	0
DOLBY LABORATORIES INC	COM CL A	25659T107	463	4,694	SH	DFND	1 4	4,694	0	0
DOLLAR GEN CORP NEW	COM	256677105	202,795	1,000,862	SH	DFND	1 3 4	1,000,862	0	0
DOLLAR GEN CORP NEW	COM	256677105	3,780	18,655	SH	DFND	1 4	18,655	0	0
DOLLAR TREE INC	COM	256746108	42,859	374,442	SH	DFND	1 3 4	374,442	0	0
DOLLAR TREE INC	COM	256746108	2,399	20,956	SH	DFND	1 4	20,956	0	0
DOMINION ENERGY INC	COM	25746U109	71,319	938,899	SH	DFND	1 3 4	938,899	0	0
DOMINION ENERGY INC	COM	25746U109	1,350	17,773	SH	DFND	1 4	17,773	0	0
DOMINOS PIZZA INC	COM	25754A201	431,799	1,174,036	SH	DFND	1 3 4	1,174,036	0	0
DOMINOS PIZZA INC	COM	25754A201	1,611	4,379	SH	DFND	1 4	4,379	0	0
DOMO INC	COM CL B	257554105	320	5,693	SH	DFND	1 4	5,693	0	0
DOMTAR CORP	COM NEW	257559203	206	5,562	SH	DFND	1 4	5,562	0	0
DOMTAR CORP	COM NEW	257559203	6,857	185,574	SH	DFND	1 3 4	185,574	0	0
DONALDSON INC	COM	257651109	43,448	747,038	SH	DFND	1 3 4	746,687	0	351
DONALDSON INC	COM	257651109	544	9,351	SH	DFND	1 4	9,351	0	0
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	6,271	225,337	SH	DFND	1 3 4	225,337	0	0
DORIAN LPG LTD	SHS USD	Y2106R110	3,224	245,575	SH	DFND	1 3 4	245,575	0	0
DORMAN PRODS INC	COM	258278100	20,202	196,827	SH	DFND	1 3 4	196,827	0	0
DORMAN PRODS INC	COM	258278100	583	5,681	SH	DFND	1 4	5,681	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	768	16,650	SH	DFND	1 3 4	16,650	0	0
DOUGLAS DYNAMICS INC	COM	25960R105	214	4,639	SH	DFND	1 4	4,639	0	0
DOUGLAS EMMETT INC	COM	25960P109	357	11,381	SH	DFND	1 4	11,381	0	0
DOUGLAS EMMETT INC	COM	25960P109	948	30,189	SH	DFND	2 3 4	30,189	0	0
DOUGLAS EMMETT INC	COM	25960P109	17,453	555,828	SH	DFND	1 3 4	555,828	0	0
DOVER CORP	COM	260003108	1,341	9,777	SH	DFND	1 4	9,777	0	0
DOVER CORP	COM	260003108	38,187	278,470	SH	DFND	1 3 4	278,470	0	0
DOW INC	COM	260557103	62,226	973,189	SH	DFND	1 3 4	973,189	0	0

DOW INC	COM	260557103	1,036	16,196	SH	DFND	1 4	16,196	0	0
DRAFTKINGS INC	COM CL A	26142R104	19,651	320,410	SH	DFND	1 3 4	320,410	0	0
DRIL-QUIP INC	COM	262037104	8,816	265,315	SH	DFND	1 3 4	265,315	0	0
DROPBOX INC	CL A	26210C104	736	27,600	SH	DFND	1 4	27,600	0	0
DSP GROUP INC	COM	23332B106	2,149	150,832	SH	DFND	1 3 4	150,832	0	0
DTE ENERGY CO	COM	233331107	29,530	221,799	SH	DFND	1 3 4	221,799	0	0
DTE ENERGY CO	COM	233331107	1,737	13,049	SH	DFND	1 4	13,049	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	341	7,560	SH	DFND	1 4	7,560	0	0
DUCK CREEK TECHNOLOGIES INC	SHS	264120106	9,700	214,892	SH	DFND	1 3 4	214,892	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	1,549	16,042	SH	DFND	1 4	16,042	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	84,903	879,553	SH	DFND	1 3 4	879,553	0	0
DUKE REALTY CORP	COM NEW	264411505	19,786	471,878	SH	DFND	1 3 4	471,878	0	0
DUKE REALTY CORP	COM NEW	264411505	1,051	25,075	SH	DFND	1 4	25,075	0	0
DULUTH HLDGS INC	COM CL B	26443V101	230	13,573	SH	DFND	1 3 4	13,573	0	0
DUN & BRADSTREET HLDGS INC	COM	26484T106	297	12,463	SH	DFND	1 4	12,463	0	0
DUPONT DE NEMOURS INC	COM	26614N102	49,949	646,342	SH	DFND	1 3 4	646,342	0	0
DUPONT DE NEMOURS INC	COM	26614N102	905	11,716	SH	DFND	1 4	11,716	0	0
DURECT CORP	COM	266605104	193	97,638	SH	DFND	1 3 4	97,638	0	0
DURECT CORP	COM	266605104	93	46,878	SH	DFND	1 4	46,878	0	0
DXC TECHNOLOGY CO	COM	23355L106	542	17,350	SH	DFND	1 4	17,350	0	0
DXC TECHNOLOGY CO	COM	23355L106	9,034	289,002	SH	DFND	1 3 4	289,002	0	0
DXP ENTERPRISES INC	COM NEW	233377407	3,394	112,497	SH	DFND	1 3 4	112,497	0	0
DYCOM INDS INC	COM	267475101	517	5,571	SH	DFND	1 4	5,571	0	0
DYCOM INDS INC	COM	267475101	58,487	629,910	SH	DFND	1 3 4	629,910	0	0
DYNATRACE INC	COM NEW	268150109	367	7,618	SH	DFND	1 3 4	7,618	0	0
DYNATRACE INC	COM NEW	268150109	991	20,549	SH	DFND	1 4	20,549	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	239	24,330	SH	DFND	1 3 4	24,330	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	208	21,127	SH	DFND	1 4	21,127	0	0
E L F BEAUTY INC	COM	26856L103	24,646	918,597	SH	DFND	1 3 4	918,597	0	0
E L F BEAUTY INC	COM	26856L103	261	9,746	SH	DFND	1 4	9,746	0	0
EAGLE BANCORP INC MD	COM	268948106	12,978	243,900	SH	DFND	1 3 4	243,900	0	0
EAGLE MATLS INC	COM	26969P108	378	2,814	SH	DFND	1 4	2,814	0	0
EAGLE MATLS INC	COM	26969P108	18,996	141,331	SH	DFND	1 3 4	141,331	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	4,618	110,639	SH	DFND	1 3 4	110,639	0	0
EAST WEST BANCORP INC	COM	27579R104	135,274	1,832,996	SH	DFND	1 3 4	1,831,403	0	1,593
EAST WEST BANCORP INC	COM	27579R104	712	9,641	SH	DFND	1 4	9,641	0	0
EASTERLY GOVT PPTYS INC	COM	27616P103	11,702	564,475	SH	DFND	1 3 4	564,475	0	0
EASTERLY GOVT PPTYS INC	COM	27616P103	361	17,403	SH	DFND	1 4	17,403	0	0
EASTERN BANKSHARES INC	COM	27627N105	391	20,271	SH	DFND	1 4	20,271	0	0
EASTGROUP PPTYS INC	COM	277276101	60,515	422,356	SH	DFND	1 3 4	422,036	0	320
EASTGROUP PPTYS INC	COM	277276101	1,165	8,128	SH	DFND	1 4	8,128	0	0
EASTMAN CHEM CO	COM	277432100	17,982	163,292	SH	DFND	1 3 4	163,292	0	0
EASTMAN CHEM CO	COM	277432100	1,016	9,225	SH	DFND	1 4	9,225	0	0
EATON CORP PLC	SHS	G29183103	1,207	8,729	SH	DFND	1 4	8,729	0	0
EATON CORP PLC	SHS	G29183103	63,998	462,813	SH	DFND	1 3 4	462,813	0	0
EATON VANCE TAX-MANAGED BUY-	COM	27828Y108	409	26,422	SH	SOLE		0	0	26,422
EBAY INC.	COM	278642103	2,840	46,367	SH	DFND	1 4	46,367	0	0

EBAY INC.	COM	278642103	48,190	786,896	SH	DFND	1 3 4	786,896	0	0
EBIX INC	COM NEW	278715206	5,964	186,195	SH	DFND	1 3 4	186,195	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	5,744	182,879	SH	DFND	1 3 4	182,879	0	0
EHOSTAR CORP	CL A	278768106	1,016	42,350	SH	DFND	1 3 4	42,350	0	0
ECOLAB INC	COM	278865100	94,852	443,089	SH	DFND	1 3 4	443,089	0	0
ECOLAB INC	COM	278865100	1,738	8,120	SH	DFND	1 4	8,120	0	0
ECOPETROL S A	SPONSORED ADS	279158109	6,271	489,136	SH	DFND	1 3 4	489,136	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	16,792	424,031	SH	DFND	1 3 4	424,031	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	219	5,518	SH	DFND	1 4	5,518	0	0
EDISON INTL	COM	281020107	25,441	434,143	SH	DFND	1 3 4	434,143	0	0
EDISON INTL	COM	281020107	1,427	24,354	SH	DFND	1 4	24,354	0	0
EDITAS MEDICINE INC	COM	28106W103	581	13,837	SH	DFND	1 3 4	13,837	0	0
EDITAS MEDICINE INC	COM	28106W103	598	14,239	SH	DFND	1 4	14,239	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	75,160	898,616	SH	DFND	1 3 4	893,033	0	5,583
EDWARDS LIFESCIENCES CORP	COM	28176E108	3,929	46,973	SH	DFND	1 4	46,973	0	0
EHEALTH INC	COM	28238P109	12,963	178,239	SH	DFND	1 3 4	178,239	0	0
EHEALTH INC	COM	28238P109	400	5,498	SH	DFND	1 4	5,498	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	2,426	150,475	SH	DFND	1 3 4	150,475	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	2,753	93,494	SH	DFND	1 3 4	93,494	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	913	31,014	SH	DFND	1 4	31,014	0	0
ELASTIC N V	ORD SHS	N14506104	819	7,366	SH	DFND	1 4	7,366	0	0
ELECTRONIC ARTS INC	COM	285512109	47,403	350,170	SH	DFND	1 3 4	350,170	0	0
ELECTRONIC ARTS INC	COM	285512109	1,134	8,374	SH	DFND	1 4	8,374	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	276	15,104	SH	DFND	1 4	15,104	0	0
ELEMENT SOLUTIONS INC	COM	28618M106	26,959	1,473,959	SH	DFND	1 3 4	1,473,959	0	0
EMCOR GROUP INC	COM	29084Q100	20,712	184,662	SH	DFND	1 3 4	184,662	0	0
EMCOR GROUP INC	COM	29084Q100	678	6,045	SH	DFND	1 4	6,045	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	15,291	164,580	SH	DFND	1 3 4	164,580	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	894	9,626	SH	DFND	1 4	9,626	0	0
EMERSON ELEC CO	COM	291011104	67,905	752,660	SH	DFND	1 3 4	752,660	0	0
EMERSON ELEC CO	COM	291011104	1,172	12,990	SH	DFND	1 4	12,990	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	114	10,235	SH	DFND	1 4	10,235	0	0
EMPLOYERS HLDGS INC	COM	292218104	10,780	250,358	SH	DFND	1 3 4	250,358	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	6,306	127,853	SH	DFND	1 3 4	127,853	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	711	8,679	SH	DFND	1 4	8,679	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	63,217	771,880	SH	DFND	1 3 4	771,880	0	0
ENCORE CAP GROUP INC	COM	292554102	8,667	215,444	SH	DFND	1 3 4	215,444	0	0
ENCORE WIRE CORP	COM	292562105	9,519	141,799	SH	DFND	1 3 4	141,799	0	0
ENDO INTL PLC	SHS	G30401106	15,348	2,071,291	SH	DFND	1 3 4	2,071,291	0	0
ENDO INTL PLC	SHS	G30401106	256	34,607	SH	DFND	1 4	34,607	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	96,544	2,034,235	SH	DFND	1 3 4	2,025,099	0	9,136
ENERGIZER HLDGS INC NEW	COM	29272W109	313	6,598	SH	DFND	1 4	6,598	0	0
ENERGY FUELS INC	COM NEW	292671708	75	13,275	SH	DFND	1 4	13,275	0	0
ENERGY RECOVERY INC	COM	29270J100	409	22,328	SH	DFND	1 3 4	22,328	0	0
ENERPAC TOOL GROUP CORP	CL A COM	292765104	225	8,606	SH	DFND	1 4	8,606	0	0

ENERPAC TOOL GROUP CORP	CL A COM	292765104	10,748	411,499	SH	DFND	1 3 4	411,499	0	0
ENERSYS	COM	29275Y102	59,762	658,171	SH	DFND	1 3 4	658,171	0	0
ENERSYS	COM	29275Y102	433	4,766	SH	DFND	1 4	4,766	0	0
ENOVA INTL INC	COM	29357K103	8,849	249,417	SH	DFND	1 3 4	249,417	0	0
ENPHASE ENERGY INC	COM	29355A107	50,120	309,077	SH	DFND	1 3 4	309,077	0	0
ENPHASE ENERGY INC	COM	29355A107	1,927	11,881	SH	DFND	1 4	11,881	0	0
ENPRO INDS INC	COM	29355X107	44,595	522,979	SH	DFND	1 3 4	522,572	0	407
ENSIGN GROUP INC	COM	29358P101	35,402	377,262	SH	DFND	1 3 4	377,262	0	0
ENSIGN GROUP INC	COM	29358P101	1,035	11,027	SH	DFND	1 4	11,027	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	3,237	13,118	SH	DFND	1 3 4	13,118	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	303	1,228	SH	DFND	1 4	1,228	0	0
ENTEGRIS INC	COM	29362U104	41,836	374,202	SH	DFND	1 3 4	374,202	0	0
ENTEGRIS INC	COM	29362U104	1,639	14,657	SH	DFND	1 4	14,657	0	0
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	273	51,922	SH	DFND	1 3 4	51,922	0	0
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	60	11,369	SH	DFND	1 4	11,369	0	0
ENERGY CORP NEW	COM	29364G103	23,822	239,489	SH	DFND	1 3 4	239,489	0	0
ENERGY CORP NEW	COM	29364G103	1,360	13,674	SH	DFND	1 4	13,674	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	935	18,906	SH	DFND	1 3 4	18,906	0	0
ENTERPRISE PRODS PARTNERS L	COM	293792107	143,539	6,518,588	SH	DFND	1 3 4	6,501,123	0	17,465
ENVESTNET INC	COM	29404K106	818	11,326	SH	DFND	1 4	11,326	0	0
EOG RES INC	COM	26875P101	227,533	3,137,099	SH	DFND	1 3 4	3,130,998	0	6,101
EOG RES INC	COM	26875P101	922	12,709	SH	DFND	1 4	12,709	0	0
EPAM SYS INC	COM	29414B104	317	799	SH	DFND	1 3 4	799	0	0
EPAM SYS INC	COM	29414B104	2,371	5,977	SH	DFND	1 4	5,977	0	0
EPIZYME INC	COM	29428V104	138	15,899	SH	DFND	1 4	15,899	0	0
EPIZYME INC	COM	29428V104	196	22,549	SH	DFND	1 3 4	22,549	0	0
EPLUS INC	COM	294268107	9,247	92,808	SH	DFND	1 3 4	92,808	0	0
EPLUS INC	COM	294268107	263	2,642	SH	DFND	1 4	2,642	0	0
EPR PPTYS	COM SH BEN INT	26884U109	11,739	251,960	SH	DFND	1 3 4	251,960	0	0
EPR PPTYS	COM SH BEN INT	26884U109	243	5,224	SH	DFND	1 4	5,224	0	0
EQT CORP	COM	26884L109	17,460	939,727	SH	DFND	1 3 4	939,727	0	0
EQT CORP	COM	26884L109	340	18,314	SH	DFND	1 4	18,314	0	0
EQUIFAX INC	COM	294429105	25,901	142,996	SH	DFND	1 3 4	142,996	0	0
EQUIFAX INC	COM	294429105	2,215	12,228	SH	DFND	1 4	12,228	0	0
EQUINIX INC	COM	29444U700	102,520	150,856	SH	DFND	1 3 4	150,856	0	0
EQUINIX INC	COM	29444U700	4,586	6,748	SH	DFND	1 4	6,748	0	0
EQUINIX INC	COM	29444U700	721,790	1,062,095	SH	DFND	2 3 4	1,062,095	0	0
EQUITABLE HLDGS INC	COM	29452E101	653	20,015	SH	DFND	1 3 4	20,015	0	0
EQUITABLE HLDGS INC	COM	29452E101	895	27,427	SH	DFND	1 4	27,427	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	12,245	1,500,569	SH	DFND	1 3 4	1,500,569	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	246	30,122	SH	DFND	1 4	30,122	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	222	7,980	SH	DFND	1 4	7,980	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	8,708	136,829	SH	DFND	1 3 4	136,829	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	959	15,063	SH	DFND	1 4	15,063	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	273,845	4,303,030	SH	DFND	2 3 4	4,303,030	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	32,195	449,466	SH	DFND	1 3 4	449,466	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	1,792	25,024	SH	DFND	1 4	25,024	0	0

EQUITY RESIDENTIAL	SH BEN INT	29476L107	102,127	1,425,754	SH	DFND	2 3 4	1,425,754	0	0
ERIE INDY CO	CL A	29530P102	522	2,363	SH	DFND	1 4	2,363	0	0
EROS STX GLOBAL CORPORATION	SHS NEW	G3788M114	28	15,697	SH	DFND	1 4	15,697	0	0
ESCO TECHNOLOGIES INC	COM	296315104	19,487	178,962	SH	DFND	1 3 4	178,962	0	0
ESCO TECHNOLOGIES INC	COM	296315104	569	5,227	SH	DFND	1 4	5,227	0	0
ESSENT GROUP LTD	COM	G3198U102	18,246	384,213	SH	DFND	1 3 4	384,213	0	0
ESSENT GROUP LTD	COM	G3198U102	530	11,158	SH	DFND	1 4	11,158	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	20,404	893,719	SH	DFND	1 3 4	893,719	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	242	10,614	SH	DFND	1 4	10,614	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	1,906	83,503	SH	DFND	2 3 4	83,503	0	0
ESSENTIAL UTILS INC	COM	29670G102	62,078	1,387,231	SH	DFND	1 3 4	1,381,661	0	5,570
ESSENTIAL UTILS INC	COM	29670G102	685	15,305	SH	DFND	1 4	15,305	0	0
ESSEX PPTY TR INC	COM	297178105	733,791	2,699,346	SH	DFND	2 3 4	2,699,346	0	0
ESSEX PPTY TR INC	COM	297178105	46,202	169,961	SH	DFND	1 3 4	169,961	0	0
ESSEX PPTY TR INC	COM	297178105	1,206	4,435	SH	DFND	1 4	4,435	0	0
ETF MANAGERS TR	PRIME CYBR SCRTY	26924G201	507	9,233	SH	SOLE		0	0	9,233
ETF SER SOLUTIONS	US GLB JETS	26922A842	901	33,489	SH	SOLE		0	0	33,489
ETHAN ALLEN INTERIORS INC	COM	297602104	4,798	173,788	SH	DFND	1 3 4	173,788	0	0
ETSY INC	COM	29786A106	29,187	144,725	SH	DFND	1 3 4	144,725	0	0
ETSY INC	COM	29786A106	2,677	13,275	SH	DFND	1 4	13,275	0	0
EURONET WORLDWIDE INC	COM	298736109	475	3,431	SH	DFND	1 4	3,431	0	0
EVENTBRITE INC	COM CL A	29975E109	32,485	1,465,905	SH	DFND	1 3 4	1,465,905	0	0
EVENTBRITE INC	COM CL A	29975E109	304	13,714	SH	DFND	1 4	13,714	0	0
EVERBRIDGE INC	COM	29978A104	471	3,890	SH	DFND	1 4	3,890	0	0
EVERCORE INC	CLASS A	29977A105	23,399	177,615	SH	DFND	1 3 4	177,615	0	0
EVERCORE INC	CLASS A	29977A105	355	2,692	SH	DFND	1 4	2,692	0	0
EVEREST RE GROUP LTD	COM	G3223R108	15,134	61,071	SH	DFND	1 3 4	61,071	0	0
EVEREST RE GROUP LTD	COM	G3223R108	668	2,695	SH	DFND	1 4	2,695	0	0
EVERGY INC	COM	30034W106	915	15,371	SH	DFND	1 4	15,371	0	0
EVERGY INC	COM	30034W106	15,595	261,976	SH	DFND	1 3 4	261,976	0	0
EVERI HLDGS INC	COM	30034T103	164	11,595	SH	DFND	1 4	11,595	0	0
EVERSOURCE ENERGY	COM	30040W108	156,452	1,806,818	SH	DFND	1 3 4	1,803,210	0	3,608
EVERSOURCE ENERGY	COM	30040W108	2,023	23,368	SH	DFND	1 4	23,368	0	0
EVERTEC INC	COM	30040P103	18,535	497,972	SH	DFND	1 3 4	497,972	0	0
EVERTEC INC	COM	30040P103	478	12,843	SH	DFND	1 4	12,843	0	0
EVO PMTS INC	CL A COM	26927E104	268	9,745	SH	DFND	1 4	9,745	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	32	18,058	SH	DFND	1 3 4	18,058	0	0
EVOFEM BIOSCIENCES INC	COM	30048L104	28	15,894	SH	DFND	1 4	15,894	0	0
EVOLENT HEALTH INC	CL A	30050B101	384	19,022	SH	DFND	1 3 4	19,022	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	647	24,611	SH	DFND	1 4	24,611	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	2,793	106,204	SH	DFND	1 3 4	106,204	0	0
EXACT SCIENCES CORP	COM	30063P105	45,502	345,285	SH	DFND	1 3 4	345,285	0	0
EXACT SCIENCES CORP	COM	30063P105	2,092	15,876	SH	DFND	1 4	15,876	0	0
EXELIXIS INC	COM	30161Q104	23,751	1,051,396	SH	DFND	1 3 4	1,051,396	0	0
EXELIXIS INC	COM	30161Q104	581	25,707	SH	DFND	1 4	25,707	0	0
EXELON CORP	COM	30161N101	48,883	1,117,577	SH	DFND	1 3 4	1,117,577	0	0
EXELON CORP	COM	30161N101	929	21,248	SH	DFND	1 4	21,248	0	0
EXICURE INC	COM	30205M101	25	11,565	SH	DFND	1 4	11,565	0	0
EXLSERVICE HOLDINGS	COM	302081104	41,154	456,454	SH	DFND	1 3 4	456,454	0	0

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EXLSERVICE HOLDINGS INC	COM	302081104	636	7,059	SH	DFND	1 4	7,059	0	0
EXP WORLD HLDGS INC	COM	30212W100	483	10,608	SH	DFND	1 4	10,608	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	28,024	162,818	SH	DFND	1 3 4	162,818	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	1,726	10,027	SH	DFND	1 4	10,027	0	0
EXPEDITORS INTL WASH INC	COM	302130109	209,493	1,945,326	SH	DFND	1 3 4	1,936,823	0	8,503
EXPEDITORS INTL WASH INC	COM	302130109	1,715	15,922	SH	DFND	1 4	15,922	0	0
EXPONENT INC	COM	30214U102	34,697	356,054	SH	DFND	1 3 4	356,054	0	0
EXPONENT INC	COM	30214U102	1,068	10,955	SH	DFND	1 4	10,955	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	38,833	1,966,238	SH	DFND	1 3 4	1,966,238	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	243	12,303	SH	DFND	1 4	12,303	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	55,795	420,939	SH	DFND	1 3 4	420,939	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	1,667	12,575	SH	DFND	1 4	12,575	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	422,456	3,187,142	SH	DFND	2 3 4	3,187,142	0	0
EXTREME NETWORKS INC	COM	30226D106	226	25,802	SH	DFND	1 4	25,802	0	0
EXTREME NETWORKS INC	COM	30226D106	7,432	849,395	SH	DFND	1 3 4	849,395	0	0
EXXON MOBIL CORP	COM	30231G102	5,145	92,155	SH	DFND	1 4	92,155	0	0
EXXON MOBIL CORP	COM	30231G102	285,832	5,119,687	SH	DFND	1 3 4	5,119,687	0	0
EZCORP INC	CL A NON VTG	302301106	1,798	361,720	SH	DFND	1 3 4	361,720	0	0
F N B CORP	COM	302520101	13,761	1,083,521	SH	DFND	1 3 4	1,083,521	0	0
F N B CORP	COM	302520101	283	22,278	SH	DFND	1 4	22,278	0	0
F5 NETWORKS INC	COM	315616102	15,513	74,361	SH	DFND	1 3 4	74,361	0	0
F5 NETWORKS INC	COM	315616102	868	4,161	SH	DFND	1 4	4,161	0	0
FABRINET	SHS	G3323L100	22,906	253,418	SH	DFND	1 3 4	253,418	0	0
FABRINET	SHS	G3323L100	708	7,833	SH	DFND	1 4	7,833	0	0
FACEBOOK INC	CL A	30303M102	456	1,547	SH	SOLE		0	0	1,547
FACEBOOK INC	CL A	30303M102	1,297,682	4,405,939	SH	DFND	1 3 4	4,403,419	0	2,520
FACEBOOK INC	CL A	30303M102	53,826	182,753	SH	DFND	1 4	182,753	0	0
FACTSET RESH SYS INC	COM	303075105	39,940	129,428	SH	DFND	1 3 4	129,428	0	0
FACTSET RESH SYS INC	COM	303075105	1,290	4,179	SH	DFND	1 4	4,179	0	0
FAIR ISAAC CORP	COM	303250104	141,929	292,004	SH	DFND	1 3 4	290,660	0	1,344
FAIR ISAAC CORP	COM	303250104	1,531	3,150	SH	DFND	1 4	3,150	0	0
FARFETCH LTD	ORD SH CL A	30744W107	850	16,030	SH	DFND	1 3 4	16,030	0	0
FARO TECHNOLOGIES INC	COM	311642102	10,721	123,844	SH	DFND	1 3 4	123,844	0	0
FARO TECHNOLOGIES INC	COM	311642102	314	3,632	SH	DFND	1 4	3,632	0	0
FASTENAL CO	COM	311900104	412,889	8,211,796	SH	DFND	1 3 4	8,211,796	0	0
FASTENAL CO	COM	311900104	2,999	59,644	SH	DFND	1 4	59,644	0	0
FASTLY INC	CL A	31188V100	596	8,865	SH	DFND	1 4	8,865	0	0
FATE THERAPEUTICS INC	COM	31189P102	1,339	16,243	SH	DFND	1 4	16,243	0	0
FATE THERAPEUTICS INC	COM	31189P102	16,271	197,343	SH	DFND	1 3 4	197,343	0	0
FB FINL CORP	COM	30257X104	11,505	258,779	SH	DFND	1 3 4	258,779	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	31,515	312,897	SH	DFND	1 3 4	312,494	0	403
FEDERAL RLTY INVT TR	SH BEN INT NEW	313747206	8,043	79,277	SH	DFND	1 3 4	79,277	0	0
FEDERAL RLTY INVT TR	SH BEN INT NEW	313747206	522	5,141	SH	DFND	1 4	5,141	0	0
FEDERAL RLTY INVT TR	SH BEN INT NEW	313747206	40,776	401,931	SH	DFND	2 3 4	401,931	0	0
FEDERAL SIGNAL CORP	COM	313855108	18,141	473,646	SH	DFND	1 3 4	473,646	0	0



FEDERAL SIGNAL CORP	COM	313855108	472	12,318	SH	DFND	1 4	12,318	0	0
FEDERATED HERMES INC	CL B	314211103	14,330	457,832	SH	DFND	1 3 4	457,832	0	0
FEDERATED HERMES INC	CL B	314211103	405	12,944	SH	DFND	1 4	12,944	0	0
FEDEX CORP	COM	31428X106	81,032	285,283	SH	DFND	1 3 4	285,283	0	0
FEDEX CORP	COM	31428X106	1,515	5,335	SH	DFND	1 4	5,335	0	0
FERRARI N V	COM	N3167Y103	523	2,500	SH	DFND	1 3 4	0	0	2,500
FERRO CORP	COM	315405100	9,547	566,233	SH	DFND	1 3 4	566,233	0	0
FERRO CORP	COM	315405100	254	15,086	SH	DFND	1 4	15,086	0	0
FIBROGEN INC	COM	31572Q808	11,216	323,120	SH	DFND	1 3 4	323,120	0	0
FIBROGEN INC	COM	31572Q808	576	16,602	SH	DFND	1 4	16,602	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	655,002	16,109,267	SH	DFND	1 3 4	16,086,728	0	22,539
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	765	18,815	SH	DFND	1 4	18,815	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	238,865	1,698,781	SH	DFND	1 3 4	1,696,312	0	2,469
FIDELITY NATL INFORMATION SV	COM	31620M106	1,896	13,482	SH	DFND	1 4	13,482	0	0
FIESTA RESTAURANT GROUP INC	COM	31660B101	1,524	121,034	SH	DFND	1 3 4	121,034	0	0
FIFTH THIRD BANCORP	COM	316773100	31,094	830,281	SH	DFND	1 3 4	830,281	0	0
FIFTH THIRD BANCORP	COM	316773100	1,813	48,424	SH	DFND	1 4	48,424	0	0
FIREEYE INC	COM	31816Q101	348	17,779	SH	DFND	1 4	17,779	0	0
FIRST AMERN FINL CORP	COM	31847R102	420	7,418	SH	DFND	1 4	7,418	0	0
FIRST AMERN FINL CORP	COM	31847R102	25,174	444,376	SH	DFND	1 3 4	444,376	0	0
FIRST BANCORP N C	COM	318910106	8,519	195,837	SH	DFND	1 3 4	195,837	0	0
FIRST BANCORP P R	COM NEW	318672706	16,889	1,499,902	SH	DFND	1 3 4	1,499,902	0	0
FIRST BANCORP P R	COM NEW	318672706	245	21,775	SH	DFND	1 4	21,775	0	0
FIRST BUSEY CORP	COM NEW	319383204	843	32,876	SH	DFND	1 3 4	32,876	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	9,498	660,928	SH	DFND	1 3 4	660,928	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	359	430	SH	DFND	1 4	430	0	0
FIRST FINL BANCORP OH	COM	320209109	17,948	747,848	SH	DFND	1 3 4	747,848	0	0
FIRST FINL BANCORP OH	COM	320209109	235	9,811	SH	DFND	1 4	9,811	0	0
FIRST FINL BANKSHARES	COM	32020R109	1,287	27,537	SH	DFND	1 4	27,537	0	0
FIRST FINL BANKSHARES	COM	32020R109	22,400	479,359	SH	DFND	1 3 4	479,359	0	0
FIRST FINL CORP IND	COM	320218100	532	11,820	SH	DFND	1 3 4	11,820	0	0
FIRST FNDTN INC	COM	32026V104	16,098	686,216	SH	DFND	1 3 4	686,216	0	0
FIRST HAWAIIAN INC	COM	32051X108	33,110	1,209,721	SH	DFND	1 3 4	1,209,721	0	0
FIRST HAWAIIAN INC	COM	32051X108	247	9,018	SH	DFND	1 4	9,018	0	0
FIRST HORIZON CORPORATION	COM	320517105	60,708	3,590,075	SH	DFND	1 3 4	3,590,075	0	0
FIRST HORIZON CORPORATION	COM	320517105	631	37,288	SH	DFND	1 4	37,288	0	0
FIRST INDL RLTY TR INC	COM	32054K103	67,166	1,466,825	SH	DFND	1 3 4	1,466,825	0	0
FIRST INDL RLTY TR INC	COM	32054K103	395	8,630	SH	DFND	1 4	8,630	0	0
FIRST INDL RLTY TR INC	COM	32054K103	214,457	4,683,481	SH	DFND	2 3 4	4,683,481	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	21,208	460,639	SH	DFND	1 3 4	460,639	0	0
FIRST MERCHANTS CORP	COM	320817109	254	5,461	SH	DFND	1 4	5,461	0	0
FIRST MERCHANTS CORP	COM	320817109	32,512	699,174	SH	DFND	1 3 4	699,174	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	253	11,535	SH	DFND	1 4	11,535	0	0

FIRST MIDWEST BANCORP DEL	COM	320867104	68,773	3,138,875	SH	DFND	1 3 4	3,138,875	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	556,211	3,335,604	SH	DFND	1 3 4	3,331,516	0	4,088
FIRST REP BK SAN FRANCISCO C	COM	33616C100	1,951	11,700	SH	DFND	1 4	11,700	0	0
FIRST SOLAR INC	COM	336433107	44,511	509,863	SH	DFND	1 3 4	509,863	0	0
FIRST SOLAR INC	COM	336433107	547	6,266	SH	DFND	1 4	6,266	0	0
FIRSTCASH INC	COM	33767D105	9,082	138,296	SH	DFND	1 3 4	138,296	0	0
FIRSTCASH INC	COM	33767D105	570	8,679	SH	DFND	1 4	8,679	0	0
FIRSTENERGY CORP	COM	337932107	21,570	621,801	SH	DFND	1 3 4	621,801	0	0
FIRSTENERGY CORP	COM	337932107	1,280	36,906	SH	DFND	1 4	36,906	0	0
FISERV INC	COM	337738108	2,582	21,690	SH	DFND	1 4	21,690	0	0
FISERV INC	COM	337738108	78,754	661,573	SH	DFND	1 3 4	661,573	0	0
FIVE BELOW INC	COM	33829M101	63,910	334,975	SH	DFND	1 3 4	334,975	0	0
FIVE BELOW INC	COM	33829M101	1,171	6,139	SH	DFND	1 4	6,139	0	0
FIVE9 INC	COM	338307101	8,265	52,871	SH	DFND	1 3 4	52,871	0	0
FIVE9 INC	COM	338307101	1,084	6,937	SH	DFND	1 4	6,937	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	14,696	325,862	SH	DFND	1 3 4	325,862	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	221	4,910	SH	DFND	1 4	4,910	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	25,651	95,487	SH	DFND	1 3 4	95,487	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	2,491	9,274	SH	DFND	1 4	9,274	0	0
FLEXION THERAPEUTICS INC	COM	33938J106	98	10,954	SH	DFND	1 3 4	10,954	0	0
FLIR SYS INC	COM	302445101	8,413	148,975	SH	DFND	1 3 4	148,975	0	0
FLIR SYS INC	COM	302445101	504	8,922	SH	DFND	1 4	8,922	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	1,007	10,551	SH	DFND	1 4	10,551	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	39,998	418,910	SH	DFND	1 3 4	418,910	0	0
FLOWERS FOODS INC	COM	343498101	317	13,330	SH	DFND	1 4	13,330	0	0
FLOWERS FOODS INC	COM	343498101	15,791	663,482	SH	DFND	1 3 4	663,482	0	0
FLOWSERVE CORP	COM	34354P105	22,468	578,932	SH	DFND	1 3 4	578,932	0	0
FLOWSERVE CORP	COM	34354P105	345	8,898	SH	DFND	1 4	8,898	0	0
FLUIDIGM CORP DEL	COM	34385P108	1,062	235,016	SH	DFND	1 3 4	235,016	0	0
FLUOR CORP NEW	COM	343412102	9,748	422,173	SH	DFND	1 3 4	422,173	0	0
FLUOR CORP NEW	COM	343412102	332	14,387	SH	DFND	1 4	14,387	0	0
FLUSHING FINL CORP	COM	343873105	533	25,099	SH	DFND	1 3 4	25,099	0	0
FMC CORP	COM NEW	302491303	84,467	763,649	SH	DFND	1 3 4	760,232	0	3,417
FMC CORP	COM NEW	302491303	1,106	9,997	SH	DFND	1 4	9,997	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	341	8,203	SH	DFND	1 4	8,203	0	0
FOCUS FINL PARTNERS INC	COM CL A	34417P100	30,837	740,914	SH	DFND	1 3 4	740,914	0	0
FOOT LOCKER INC	COM	344849104	28,580	508,089	SH	DFND	1 3 4	508,089	0	0
FOOT LOCKER INC	COM	344849104	398	7,072	SH	DFND	1 4	7,072	0	0
FORD MTR CO DEL	COM	345370860	55,540	4,533,885	SH	DFND	1 3 4	4,533,885	0	0
FORD MTR CO DEL	COM	345370860	3,243	264,751	SH	DFND	1 4	264,751	0	0
FORMA THERAPEUTICS HLDGS INC	SHS	34633R104	256	9,136	SH	DFND	1 3 4	9,136	0	0
FORMFACTOR INC	COM	346375108	24,106	534,383	SH	DFND	1 3 4	534,383	0	0
FORMFACTOR INC	COM	346375108	743	16,471	SH	DFND	1 4	16,471	0	0
FORRESTER RESH INC	COM	346563109	3,211	75,600	SH	DFND	1 3 4	75,600	0	0
FORTERRA INC	COM	34960W106	244	10,506	SH	DFND	1 3 4	10,506	0	0
FORTINET INC	COM	34959E109	28,848	156,427	SH	DFND	1 3 4	156,427	0	0
FORTINET INC	COM	34959E109	2,758	14,956	SH	DFND	1 4	14,956	0	0
FORTIVE CORP	COM	34959J108	27,313	386,677	SH	DFND	1 3 4	386,677	0	0
FORTIVE CORP	COM	34959J108	1,434	20,299	SH	DFND	1 4	20,299	0	0
FORTRESS BIOTECH INC	COM	34960Q109	48	13,617	SH	DFND	1 4	13,617	0	0

FORTUNE BRANDS HOME & SEC IN	COM	34964C106	18,156	189,477	SH	DFND	1 3 4	189,477	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	897	9,360	SH	DFND	1 4	9,360	0	0
FORWARD AIR CORP	COM	349853101	19,388	218,311	SH	DFND	1 3 4	218,311	0	0
FORWARD AIR CORP	COM	349853101	414	4,667	SH	DFND	1 4	4,667	0	0
FOSSIL GROUP INC	COM	34988V106	3,992	321,944	SH	DFND	1 3 4	321,944	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	47,326	1,727,185	SH	DFND	1 3 4	1,725,781	0	1,404
FOUR CORNERS PPTY TR INC	COM	35086T109	430	15,679	SH	DFND	1 4	15,679	0	0
FOX CORP	CL A COM	35137L105	15,974	442,358	SH	DFND	1 3 4	442,358	0	0
FOX CORP	CL A COM	35137L105	825	22,849	SH	DFND	1 4	22,849	0	0
FOX CORP	CL B COM	35137L204	8,353	239,147	SH	DFND	1 3 4	239,147	0	0
FOX CORP	CL B COM	35137L204	376	10,771	SH	DFND	1 4	10,771	0	0
FOX FACTORY HLDG CORP	COM	35138V102	1,121	8,824	SH	DFND	1 4	8,824	0	0
FOX FACTORY HLDG CORP	COM	35138V102	17,899	140,870	SH	DFND	1 3 4	140,870	0	0
FRANCO NEV CORP	COM	351858105	71,000	566,685	SH	DFND	1 3 4	566,685	0	0
FRANKLIN ELEC INC	COM	353514102	24,862	314,942	SH	DFND	1 3 4	314,942	0	0
FRANKLIN ELEC INC	COM	353514102	745	9,436	SH	DFND	1 4	9,436	0	0
FRANKLIN RESOURCES INC	COM	354613101	9,566	323,185	SH	DFND	1 3 4	323,185	0	0
FRANKLIN RESOURCES INC	COM	354613101	549	18,542	SH	DFND	1 4	18,542	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	3,618	663,906	SH	DFND	1 3 4	663,906	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	58	10,683	SH	DFND	1 4	10,683	0	0
FRANKS INTL N V	COM	N33462107	54	15,304	SH	DFND	1 4	15,304	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	3,244	98,500	SH	DFND	1 4	98,500	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	61,620	1,871,231	SH	DFND	1 3 4	1,871,231	0	0
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	5,966	208,397	SH	DFND	1 3 4	208,397	0	0
FRESHPET INC	COM	358039105	1,381	8,693	SH	DFND	1 4	8,693	0	0
FRONTDOOR INC	COM	35905A109	354	6,583	SH	DFND	1 4	6,583	0	0
FRONTLINE LTD	SHS NEW	G3682E192	87	12,166	SH	DFND	1 4	12,166	0	0
FTI CONSULTING INC	COM	302941109	16,168	115,394	SH	DFND	1 3 4	115,394	0	0
FTI CONSULTING INC	COM	302941109	338	2,411	SH	DFND	1 4	2,411	0	0
FUELCELL ENERGY INC	COM	35952H601	797	55,318	SH	DFND	1 4	55,318	0	0
FULGENT GENETICS INC	COM	359664109	12,167	125,924	SH	DFND	1 3 4	125,924	0	0
FULGENT GENETICS INC	COM	359664109	279	2,892	SH	DFND	1 4	2,892	0	0
FULLER H B CO	COM	359694106	51,579	819,890	SH	DFND	1 3 4	819,410	0	480
FULLER H B CO	COM	359694106	568	9,036	SH	DFND	1 4	9,036	0	0
FULTON FINL CORP PA	COM	360271100	9,317	547,114	SH	DFND	1 3 4	547,114	0	0
FULTON FINL CORP PA	COM	360271100	276	16,209	SH	DFND	1 4	16,209	0	0
FUTU HLDGS LTD	SPON ADS CL A	36118L106	28,132	177,130	SH	DFND	1 3 4	177,130	0	0
FUTUREFUEL CORP	COM	36116M106	2,577	177,384	SH	DFND	1 3 4	177,384	0	0
G III APPAREL GROUP LTD	COM	36237H101	10,421	345,769	SH	DFND	1 3 4	345,769	0	0
G1 THERAPEUTICS INC	COM	3621LQ109	203	8,448	SH	DFND	1 3 4	8,448	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	31,957	256,129	SH	DFND	1 3 4	256,129	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	1,614	12,934	SH	DFND	1 4	12,934	0	0
GAMESTOP CORP NEW	CL A	36467W109	71,395	376,118	SH	DFND	1 3 4	376,118	0	0
GAMESTOP CORP NEW	CL A	36467W109	1,104	5,814	SH	DFND	1 4	5,814	0	0
GAMING & LEISURE PPTYS INC	COM	36467J108	634	14,943	SH	DFND	1 4	14,943	0	0
GANNETT CO INC	COM	36472T109	70	12,957	SH	DFND	1 4	12,957	0	0
GANNETT CO INC	COM	36472T109	4,884	907,796	SH	DFND	1 3 4	907,796	0	0

GAP INC	COM	364760108	372	12,484	SH	DFND	1 4	12,484	0	0
GAP INC	COM	364760108	6,954	233,519	SH	DFND	1 3 4	233,519	0	0
GARMIN LTD	SHS	H2906T109	25,725	195,105	SH	DFND	1 3 4	195,105	0	0
GARMIN LTD	SHS	H2906T109	1,342	10,179	SH	DFND	1 4	10,179	0	0
GARTNER INC	COM	366651107	518,955	2,842,815	SH	DFND	1 3 4	2,842,815	0	0
GARTNER INC	COM	366651107	1,777	9,732	SH	DFND	1 4	9,732	0	0
GATES INDUSTRIAL CORPRATIN P	ORD SHS	G39108108	12,799	800,442	SH	DFND	1 3 4	800,442	0	0
GATX CORP	COM	361448103	10,970	118,284	SH	DFND	1 3 4	118,284	0	0
GATX CORP	COM	361448103	327	3,525	SH	DFND	1 4	3,525	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	8,135	331,517	SH	DFND	1 3 4	331,517	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	226	9,209	SH	DFND	1 4	9,209	0	0
GENERAC HLDGS INC	COM	368736104	24,300	74,209	SH	DFND	1 3 4	74,209	0	0
GENERAC HLDGS INC	COM	368736104	2,169	6,623	SH	DFND	1 4	6,623	0	0
GENERAL DYNAMICS CORP	COM	369550108	1,005	5,534	SH	DFND	1 4	5,534	0	0
GENERAL DYNAMICS CORP	COM	369550108	51,468	283,474	SH	DFND	1 3 4	283,474	0	0
GENERAL ELECTRIC CO	COM	369604103	132,693	10,106,087	SH	DFND	1 3 4	10,106,087	0	0
GENERAL ELECTRIC CO	COM	369604103	2,490	189,669	SH	DFND	1 4	189,669	0	0
GENERAL MLS INC	COM	370334104	45,329	739,219	SH	DFND	1 3 4	739,219	0	0
GENERAL MLS INC	COM	370334104	812	13,245	SH	DFND	1 4	13,245	0	0
GENERAL MTRS CO	COM	37045V100	92,044	1,601,877	SH	DFND	1 3 4	1,601,877	0	0
GENERAL MTRS CO	COM	37045V100	1,567	27,279	SH	DFND	1 4	27,279	0	0
GENERATION BIO CO	COM	37148K100	218	7,646	SH	DFND	1 4	7,646	0	0
GENESCO INC	COM	371532102	4,650	97,891	SH	DFND	1 3 4	97,891	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	355	14,854	SH	DFND	1 4	14,854	0	0
GENMARK DIAGNOSTICS INC	COM	372309104	2,467	103,236	SH	DFND	1 3 4	103,236	0	0
GENPACT LIMITED	SHS	G3922B107	687	16,038	SH	DFND	1 4	16,038	0	0
GENTEX CORP	COM	371901109	32,013	897,486	SH	DFND	1 3 4	897,486	0	0
GENTEX CORP	COM	371901109	599	16,789	SH	DFND	1 4	16,789	0	0
GENTHERM INC	COM	37253A103	17,878	241,231	SH	DFND	1 3 4	241,231	0	0
GENTHERM INC	COM	37253A103	518	6,987	SH	DFND	1 4	6,987	0	0
GENUINE PARTS CO	COM	372460105	23,500	203,304	SH	DFND	1 3 4	203,304	0	0
GENUINE PARTS CO	COM	372460105	1,105	9,560	SH	DFND	1 4	9,560	0	0
GENWORTH FINL INC	COM CL A	37247D106	5,661	1,705,243	SH	DFND	1 3 4	1,705,243	0	0
GENWORTH FINL INC	COM CL A	37247D106	170	51,310	SH	DFND	1 4	51,310	0	0
GEO GROUP INC NEW	COM	36162J106	6,470	833,751	SH	DFND	1 3 4	833,751	0	0
GEO GROUP INC NEW	COM	36162J106	94	12,153	SH	DFND	1 4	12,153	0	0
GERON CORP	COM	374163103	45	28,334	SH	DFND	1 4	28,334	0	0
GETTY RLTY CORP NEW	COM	374297109	7,153	252,594	SH	DFND	1 3 4	252,594	0	0
GIBRALTAR INDS INC	COM	374689107	384	4,198	SH	DFND	1 4	4,198	0	0
GIBRALTAR INDS INC	COM	374689107	20,486	223,865	SH	DFND	1 3 4	223,865	0	0
GILEAD SCIENCES INC	COM	375558103	94,769	1,466,326	SH	DFND	1 3 4	1,466,326	0	0
GILEAD SCIENCES INC	COM	375558103	1,773	27,430	SH	DFND	1 4	27,430	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	18,356	321,580	SH	DFND	1 3 4	321,580	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	621	10,877	SH	DFND	1 4	10,877	0	0
GLATFELTER CORPORATION	COM	377320106	5,230	304,944	SH	DFND	1 3 4	304,944	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	556	13,636	SH	DFND	1 3 4	13,636	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	270	6,636	SH	DFND	1 4	6,636	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	11,243	622,518	SH	DFND	1 3 4	622,518	0	0
GLOBAL PMTS INC	COM	37940X102	68,481	339,723	SH	DFND	1 3 4	339,723	0	0
GLOBAL PMTS INC	COM	37940X102	1,309	6,495	SH	DFND	1 4	6,495	0	0
GLOBANT S A	COM	L44385109	898	4,327	SH	DFND	1 4	4,327	0	0

GLOBE LIFE INC	COM	37959E102	12,123	125,466	SH	DFND	1 3 4	125,466	0	0
GLOBE LIFE INC	COM	37959E102	682	7,055	SH	DFND	1 4	7,055	0	0
GLOBUS MED INC	CL A	379577208	16,062	260,443	SH	DFND	1 3 4	260,443	0	0
GLOBUS MED INC	CL A	379577208	312	5,064	SH	DFND	1 4	5,064	0	0
GLU MOBILE INC	COM	379890106	12,896	1,033,341	SH	DFND	1 3 4	1,033,341	0	0
GLU MOBILE INC	COM	379890106	399	31,941	SH	DFND	1 4	31,941	0	0
GMS INC	COM	36251C103	13,883	332,519	SH	DFND	1 3 4	332,519	0	0
GODADDY INC	CL A	380237107	1,453	18,716	SH	DFND	1 4	18,716	0	0
GOGO INC	COM	38046C109	117	12,132	SH	DFND	1 4	12,132	0	0
GOLAR LNG LTD	SHS	G9456A100	106	10,353	SH	DFND	1 4	10,353	0	0
GOLD FIELDS LTD	SPONSORED ADR	38059T106	6,943	731,614	SH	DFND	1 3 4	731,614	0	0
GOLDEN ENTMT INC	COM	381013101	12,745	504,555	SH	DFND	1 3 4	504,555	0	0
GOLDMAN SACHS ETF TR	ACTIVEBETA INT	381430107	261	7,895	SH	SOLE		0	0	7,895
GOLDMAN SACHS GROUP INC	COM	38141G104	133,369	407,857	SH	DFND	1 3 4	407,857	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	2,365	7,231	SH	DFND	1 4	7,231	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	19,322	1,099,738	SH	DFND	1 3 4	1,099,738	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	411	23,387	SH	DFND	1 4	23,387	0	0
GOPRO INC	CL A	38268T103	286	24,600	SH	DFND	1 4	24,600	0	0
GORMAN RUPP CO	COM	383082104	347	10,466	SH	DFND	1 3 4	10,466	0	0
GOSSAMER BIO INC	COM	38341P102	156	16,850	SH	DFND	1 3 4	16,850	0	0
GRACE W R & CO DEL NEW	COM	38388F108	292	4,881	SH	DFND	1 4	4,881	0	0
GRACE W R & CO DEL NEW	COM	38388F108	4,130	68,993	SH	DFND	1 3 4	68,993	0	0
GRACO INC	COM	384109104	1,069	14,921	SH	DFND	1 4	14,921	0	0
GRACO INC	COM	384109104	40,970	572,053	SH	DFND	1 3 4	572,053	0	0
GRAFTECH INTL LTD	COM	384313508	141	11,533	SH	DFND	1 4	11,533	0	0
GRAHAM HLDGS CO	COM CL B	384637104	7,653	13,607	SH	DFND	1 3 4	13,607	0	0
GRAINGER W W INC	COM	384802104	20,199	50,380	SH	DFND	1 3 4	50,380	0	0
GRAINGER W W INC	COM	384802104	1,785	4,451	SH	DFND	1 4	4,451	0	0
GRAND CANYON ED INC	COM	38526M106	16,918	157,962	SH	DFND	1 3 4	157,962	0	0
GRAND CANYON ED INC	COM	38526M106	341	3,184	SH	DFND	1 4	3,184	0	0
GRANITE CONSTR INC	COM	387328107	12,636	313,942	SH	DFND	1 3 4	313,942	0	0
GRANITE CONSTR INC	COM	387328107	212	5,273	SH	DFND	1 4	5,273	0	0
GRANITE PT MTG TR INC	COM STK	38741L107	4,534	378,762	SH	DFND	1 3 4	378,762	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	20,078	1,105,638	SH	DFND	1 3 4	1,105,638	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	389	21,431	SH	DFND	1 4	21,431	0	0
GRAY TELEVISION INC	COM	389375106	222	12,043	SH	DFND	1 4	12,043	0	0
GREAT WESTERN BANCORP INC	COM	391416104	13,434	443,509	SH	DFND	1 3 4	443,509	0	0
GREAT WESTN NATL BK PORTLAND	COM	695263103	15,273	400,334	SH	DFND	1 3 4	400,334	0	0
GREAT WESTN NATL BK PORTLAND	COM	695263103	310	8,120	SH	DFND	1 4	8,120	0	0
GREEN DOT CORP	CL A	39304D102	17,005	371,378	SH	DFND	1 3 4	371,378	0	0
GREEN DOT CORP	CL A	39304D102	267	5,840	SH	DFND	1 4	5,840	0	0
GREEN PLAINS INC	COM	393222104	7,849	289,962	SH	DFND	1 3 4	289,962	0	0
GREENBRIER COS INC	COM	393657101	10,653	225,603	SH	DFND	1 3 4	225,603	0	0
GREENHILL & CO INC	COM	395259104	1,658	100,578	SH	DFND	1 3 4	100,578	0	0
GREIF INC	CL A	397624107	6,503	114,083	SH	DFND	1 3 4	114,083	0	0
GRIFFON CORP	COM	398433102	9,693	356,767	SH	DFND	1 3 4	356,767	0	0
GROCERY OUTLET HLDG CORP	COM	39874R101	250	6,770	SH	DFND	1 4	6,770	0	0
GROCERY OUTLET	COM	39874R101	10,775	292,098	SH	DFND	1 3 4	292,098	0	0

HLDG CORP										
GROUP 1 AUTOMOTIVE INC	COM	398905109	20,359	129,027	SH	DFND	1 3 4	129,027	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	280	1,777	SH	DFND	1 4	1,777	0	0
GROWGENERATION CORP	COM	39986L109	431	8,678	SH	DFND	1 4	8,678	0	0
GRUBHUB INC	COM	400110102	18,856	314,268	SH	DFND	1 3 4	314,268	0	0
GRUBHUB INC	COM	400110102	402	6,694	SH	DFND	1 4	6,694	0	0
GS ACQUISITION HLDGS CORP II	COM CL A	36258Q105	9,696	929,617	SH	DFND	1 3 4	929,617	0	0
GS ACQUISITION HLDGS CORP II	*W EXP 06/30/202	36258Q113	1,160	527,173	SH	DFND	1 3 4	527,173	0	0
GTT COMMUNICATIONS INC	COM	362393100	96	52,281	SH	DFND	1 3 4	52,281	0	0
GUARDANT HEALTH INC	COM	40131M109	1,410	9,235	SH	DFND	1 4	9,235	0	0
GUARDANT HEALTH INC	COM	40131M109	3,403	22,290	SH	DFND	1 3 4	22,290	0	0
GUESS INC	COM	401617105	6,063	258,007	SH	DFND	1 3 4	258,007	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	655	6,444	SH	DFND	1 4	6,444	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	442,081	4,349,904	SH	DFND	1 3 4	4,349,904	0	0
H & E EQUIPMENT SERVICES INC	COM	404030108	1,103	29,020	SH	DFND	1 3 4	29,020	0	0
HACKETT GROUP INC	COM	404609109	405	24,710	SH	DFND	1 3 4	24,710	0	0
HAEMONETICS CORP MASS	COM	405024100	41,638	375,084	SH	DFND	1 3 4	375,084	0	0
HAEMONETICS CORP MASS	COM	405024100	607	5,464	SH	DFND	1 4	5,464	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	38,867	891,440	SH	DFND	1 3 4	891,440	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	248	5,682	SH	DFND	1 4	5,682	0	0
HALLIBURTON CO	COM	406216101	30,267	1,410,374	SH	DFND	1 3 4	1,410,374	0	0
HALLIBURTON CO	COM	406216101	1,288	60,005	SH	DFND	1 4	60,005	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	1,183	28,365	SH	DFND	1 4	28,365	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	19,155	459,458	SH	DFND	1 3 4	459,458	0	0
HAMILTON LANE INC	CL A	407497106	606	6,846	SH	DFND	1 4	6,846	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	12,281	292,342	SH	DFND	1 3 4	292,342	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	369	8,789	SH	DFND	1 4	8,789	0	0
HANESBRANDS INC	COM	410345102	10,152	516,132	SH	DFND	1 3 4	516,132	0	0
HANESBRANDS INC	COM	410345102	466	23,716	SH	DFND	1 4	23,716	0	0
HANGER INC	COM NEW	41043F208	5,983	262,195	SH	DFND	1 3 4	262,195	0	0
HANMI FINL CORP	COM NEW	410495204	5,030	254,958	SH	DFND	1 3 4	254,958	0	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	438	7,811	SH	DFND	1 4	7,811	0	0
HANOVER INS GROUP INC	COM	410867105	53,668	414,549	SH	DFND	1 3 4	414,549	0	0
HANOVER INS GROUP INC	COM	410867105	328	2,534	SH	DFND	1 4	2,534	0	0
HARLEY DAVIDSON INC	COM	412822108	420	10,463	SH	DFND	1 4	10,463	0	0
HARLEY DAVIDSON INC	COM	412822108	20,718	516,660	SH	DFND	1 3 4	516,660	0	0
HARMONIC INC	COM	413160102	5,434	693,125	SH	DFND	1 3 4	693,125	0	0
HARSCO CORP	COM	415864107	9,303	542,450	SH	DFND	1 3 4	542,450	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	31,974	478,726	SH	DFND	1 3 4	478,726	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	1,625	24,335	SH	DFND	1 4	24,335	0	0
HASBRO INC	COM	418056107	268,123	2,789,459	SH	DFND	1 3 4	2,781,900	0	7,559
HASBRO INC	COM	418056107	833	8,667	SH	DFND	1 4	8,667	0	0
HAVERTY FURNITURE	COM	419596101	4,731	127,200	SH	DFND	1 3 4	127,200	0	0

COS INC										
HAWAIIAN ELEC INDUSTRIES	COM	419870100	16,347	367,934	SH	DFND	1 3 4	367,934	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	325	7,312	SH	DFND	1 4	7,312	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	10,333	387,426	SH	DFND	1 3 4	387,426	0	0
HAWKINS INC	COM	420261109	4,351	129,817	SH	DFND	1 3 4	129,817	0	0
HAYNES INTERNATIONAL INC	COM NEW	420877201	2,586	87,165	SH	DFND	1 3 4	87,165	0	0
HC2 HLDGS INC	COM	404139107	47	11,971	SH	DFND	1 4	11,971	0	0
HCA HEALTHCARE INC	COM	40412C101	57,169	303,543	SH	DFND	1 3 4	303,543	0	0
HCA HEALTHCARE INC	COM	40412C101	2,515	13,355	SH	DFND	1 4	13,355	0	0
HCI GROUP INC	COM	40416E103	3,286	42,770	SH	DFND	1 3 4	42,770	0	0
HDFC BANK LTD	SPONSORED ADS	40415F101	87,856	1,130,854	SH	DFND	1 3 4	1,110,737	0	20,117
HEALTH CATALYST INC	COM	42225T107	336	7,175	SH	DFND	1 4	7,175	0	0
HEALTHCARE RLTY TR	COM	421946104	19,245	634,742	SH	DFND	1 3 4	634,742	0	0
HEALTHCARE RLTY TR	COM	421946104	429	14,159	SH	DFND	1 4	14,159	0	0
HEALTHCARE RLTY TR	COM	421946104	144,371	4,761,578	SH	DFND	2 3 4	4,761,578	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	9,003	321,195	SH	DFND	1 3 4	321,195	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	447	15,930	SH	DFND	1 4	15,930	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	14,570	528,277	SH	DFND	1 3 4	528,277	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	410	14,874	SH	DFND	1 4	14,874	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	421,258	15,274,045	SH	DFND	2 3 4	15,274,045	0	0
HEALTHEQUITY INC	COM	42226A107	20,182	296,795	SH	DFND	1 3 4	296,795	0	0
HEALTHEQUITY INC	COM	42226A107	1,164	17,121	SH	DFND	1 4	17,121	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	19,572	616,620	SH	DFND	1 3 4	616,620	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	1,165	36,714	SH	DFND	1 4	36,714	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	1,415	44,563	SH	DFND	2 3 4	44,563	0	0
HEALTHSTREAM INC	COM	42222N103	4,568	204,481	SH	DFND	1 3 4	204,481	0	0
HEARTLAND EXPRESS INC	COM	422347104	6,565	335,310	SH	DFND	1 3 4	335,310	0	0
HEAT BIOLOGICS INC	COM	42237K409	1,109	152,270	SH	DFND	1 3 4	152,270	0	0
HECLA MNG CO	COM	422704106	300	52,790	SH	DFND	1 4	52,790	0	0
HEICO CORP NEW	COM	422806109	2,571	20,437	SH	DFND	1 3 4	20,437	0	0
HEICO CORP NEW	COM	422806109	583	4,634	SH	DFND	1 4	4,634	0	0
HEICO CORP NEW	CL A	422806208	384,216	3,382,179	SH	DFND	1 3 4	3,382,179	0	0
HEICO CORP NEW	CL A	422806208	919	8,086	SH	DFND	1 4	8,086	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	19,178	536,901	SH	DFND	1 3 4	536,901	0	0
HELEN OF TROY LTD	COM	G4388N106	17,320	82,217	SH	DFND	1 3 4	82,217	0	0
HELEN OF TROY LTD	COM	G4388N106	1,099	5,216	SH	DFND	1 4	5,216	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	1,013	13,902	SH	DFND	1 3 4	13,902	0	0
HELIOS TECHNOLOGIES INC	COM	42328H109	341	4,676	SH	DFND	1 4	4,676	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	5,693	1,127,401	SH	DFND	1 3 4	1,127,401	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	73	14,504	SH	DFND	1 4	14,504	0	0
HELMERICH & PAYNE INC	COM	423452101	31,691	1,175,494	SH	DFND	1 3 4	1,168,784	0	6,710
HENRY JACK & ASSOC INC	COM	426281101	15,801	104,146	SH	DFND	1 3 4	104,146	0	0
HENRY JACK & ASSOC INC	COM	426281101	1,192	7,859	SH	DFND	1 4	7,859	0	0
HENRY SCHEIN INC	COM	806407102	676	9,758	SH	DFND	1 4	9,758	0	0

HENRY SCHEIN INC	COM	806407102	11,292	163,079	SH	DFND	1 3 4	163,079	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	296	6,679	SH	DFND	1 4	6,679	0	0
HERC HLDGS INC	COM	42704L104	936	9,241	SH	DFND	1 3 4	9,241	0	0
HERC HLDGS INC	COM	42704L104	266	2,630	SH	DFND	1 4	2,630	0	0
HERITAGE FINL CORP WASH	COM	42722X106	6,971	246,847	SH	DFND	1 3 4	246,847	0	0
HERON THERAPEUTICS INC	COM	427746102	327	20,187	SH	DFND	1 3 4	20,187	0	0
HERON THERAPEUTICS INC	COM	427746102	303	18,692	SH	DFND	1 4	18,692	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	2,648	250,953	SH	DFND	1 3 4	250,953	0	0
HERSHEY CO	COM	427866108	2,389	15,107	SH	DFND	1 4	15,107	0	0
HERSHEY CO	COM	427866108	26,890	170,019	SH	DFND	1 3 4	170,019	0	0
HESKA CORP	COM RESTRC NEW	42805E306	11,812	70,116	SH	DFND	1 3 4	70,116	0	0
HESS CORP	COM	42809H107	22,132	312,778	SH	DFND	1 3 4	312,778	0	0
HESS CORP	COM	42809H107	1,322	18,687	SH	DFND	1 4	18,687	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	24,365	1,547,969	SH	DFND	1 3 4	1,547,969	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	1,381	87,721	SH	DFND	1 4	87,721	0	0
HEXCEL CORP NEW	COM	428291108	20,751	370,558	SH	DFND	1 3 4	370,558	0	0
HEXCEL CORP NEW	COM	428291108	319	5,691	SH	DFND	1 4	5,691	0	0
HIBBETT SPORTS INC	COM	428567101	7,859	114,082	SH	DFND	1 3 4	114,082	0	0
HIGHWOODS PPTYS INC	COM	431284108	21,002	489,107	SH	DFND	1 3 4	489,107	0	0
HIGHWOODS PPTYS INC	COM	431284108	302	7,033	SH	DFND	1 4	7,033	0	0
HILL ROM HLDGS INC	COM	431475102	544	4,920	SH	DFND	1 4	4,920	0	0
HILL ROM HLDGS INC	COM	431475102	59,871	541,923	SH	DFND	1 3 4	541,522	0	401
HILLENBRAND INC	COM	431571108	49,903	1,045,971	SH	DFND	1 3 4	1,045,971	0	0
HILLENBRAND INC	COM	431571108	360	7,548	SH	DFND	1 4	7,548	0	0
HILLTOP HOLDINGS INC	COM	432748101	15,231	446,264	SH	DFND	1 3 4	446,264	0	0
HILLTOP HOLDINGS INC	COM	432748101	227	6,644	SH	DFND	1 4	6,644	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	681	18,172	SH	DFND	1 4	18,172	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	1,056,259	8,735,192	SH	DFND	1 3 4	8,735,192	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	2,247	18,583	SH	DFND	1 4	18,583	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	1,209	9,995	SH	DFND	2 3 4	9,995	0	0
HNI CORP	COM	404251100	12,429	314,176	SH	DFND	1 3 4	314,176	0	0
HOLLYFRONTIER CORP	COM	436106108	54,082	1,511,541	SH	DFND	1 3 4	1,507,263	0	4,278
HOLLYFRONTIER CORP	COM	436106108	365	10,213	SH	DFND	1 4	10,213	0	0
HOLOGIC INC	COM	436440101	1,891	25,419	SH	DFND	1 4	25,419	0	0
HOLOGIC INC	COM	436440101	23,799	319,965	SH	DFND	1 3 4	319,965	0	0
HOME BANCSHARES INC	COM	436893200	419	15,476	SH	DFND	1 4	15,476	0	0
HOME BANCSHARES INC	COM	436893200	18,415	680,789	SH	DFND	1 3 4	680,789	0	0
HOME DEPOT INC	COM	437076102	480,723	1,574,849	SH	DFND	1 3 4	1,574,849	0	0
HOME DEPOT INC	COM	437076102	16,063	52,622	SH	DFND	1 4	52,622	0	0
HOMESTREET INC	COM	43785V102	6,600	149,751	SH	DFND	1 3 4	149,751	0	0
HOMOLOGY MEDICINES INC	COM	438083107	95	10,049	SH	DFND	1 3 4	10,049	0	0
HONEYWELL INTL INC	COM	438516106	325,885	1,501,290	SH	DFND	1 3 4	1,495,825	0	5,465
HONEYWELL INTL INC	COM	438516106	3,319	15,289	SH	DFND	1 4	15,289	0	0
HOPE BANCORP INC	COM	43940T109	15,435	1,024,883	SH	DFND	1 3 4	1,024,883	0	0
HOPE BANCORP INC	COM	43940T109	179	11,877	SH	DFND	1 4	11,877	0	0
HORACE MANN EDUCATORS CORP N	COM	440327104	12,302	284,699	SH	DFND	1 3 4	284,699	0	0
HORIZON THERAPEUTICS PUB L	SHS	G46188101	123,886	1,346,009	SH	DFND	1 3 4	1,346,009	0	0
HORIZON	SHS	G46188101	1,951	21,194	SH	DFND	1 4	21,194	0	0



## THERAPEUTICS PUB L

HORMEL FOODS CORP	COM	440452100	908	18,995	SH	DFND	1 4	18,995	0	0
HORMEL FOODS CORP	COM	440452100	221,265	4,630,906	SH	DFND	1 3 4	4,619,662	0	11,244
HOST HOTELS & RESORTS INC	COM	44107P104	14,363	852,417	SH	DFND	1 3 4	852,417	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	800	47,450	SH	DFND	1 4	47,450	0	0
HOSTESS BRANDS INC	CL A	44109J106	2,335	162,862	SH	DFND	1 3 4	162,862	0	0
HOSTESS BRANDS INC	CL A	44109J106	275	19,167	SH	DFND	1 4	19,167	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	80	10,526	SH	DFND	1 4	10,526	0	0
HOULIHAN LOKEY INC	CL A	441593100	734	11,042	SH	DFND	1 4	11,042	0	0
HOWARD HUGHES CORP	COM	44267D107	260,206	2,735,274	SH	DFND	1 3 4	2,735,274	0	0
HOWARD HUGHES CORP	COM	44267D107	258	2,708	SH	DFND	1 4	2,708	0	0
HOWMET AEROSPACE INC	COM	443201108	14,354	446,733	SH	DFND	1 3 4	446,733	0	0
HOWMET AEROSPACE INC	COM	443201108	861	26,803	SH	DFND	1 4	26,803	0	0
HP INC	COM	40434L105	49,351	1,554,358	SH	DFND	1 3 4	1,554,358	0	0
HP INC	COM	40434L105	2,782	87,620	SH	DFND	1 4	87,620	0	0
HUB GROUP INC	CL A	443320106	31,744	471,816	SH	DFND	1 3 4	471,816	0	0
HUB GROUP INC	CL A	443320106	226	3,360	SH	DFND	1 4	3,360	0	0
HUBBELL INC	COM	443510607	85,590	457,971	SH	DFND	1 3 4	457,611	0	360
HUBBELL INC	COM	443510607	689	3,689	SH	DFND	1 4	3,689	0	0
HUBSPOT INC	COM	443573100	74,726	164,518	SH	DFND	1 3 4	164,518	0	0
HUBSPOT INC	COM	443573100	2,113	4,651	SH	DFND	1 4	4,651	0	0
HUDSON PAC PPTYS INC	COM	444097109	1,167	43,001	SH	DFND	2 3 4	43,001	0	0
HUDSON PAC PPTYS INC	COM	444097109	13,802	508,723	SH	DFND	1 3 4	508,723	0	0
HUDSON PAC PPTYS INC	COM	444097109	279	10,269	SH	DFND	1 4	10,269	0	0
HUMANA INC	COM	444859102	71,212	169,856	SH	DFND	1 3 4	169,856	0	0
HUMANA INC	COM	444859102	2,294	5,471	SH	DFND	1 4	5,471	0	0
HUNT J B TRANS SVCS INC	COM	445658107	16,709	99,414	SH	DFND	1 3 4	99,414	0	0
HUNT J B TRANS SVCS INC	COM	445658107	1,133	6,742	SH	DFND	1 4	6,742	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	18,318	1,165,293	SH	DFND	1 3 4	1,165,293	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	1,078	68,545	SH	DFND	1 4	68,545	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	58,574	284,550	SH	DFND	1 3 4	284,267	0	283
HUNTINGTON INGALLS INDS INC	COM	446413106	596	2,893	SH	DFND	1 4	2,893	0	0
HUNTSMAN CORP	COM	447011107	58,785	2,039,020	SH	DFND	1 3 4	2,036,397	0	2,623
HUNTSMAN CORP	COM	447011107	395	13,704	SH	DFND	1 4	13,704	0	0
HURON CONSULTING GROUP INC	COM	447462102	15,834	314,285	SH	DFND	1 3 4	314,285	0	0
HYATT HOTELS CORP	COM CL A	448579102	223,723	2,705,249	SH	DFND	1 3 4	2,705,249	0	0
HYATT HOTELS CORP	COM CL A	448579102	201	2,426	SH	DFND	1 4	2,426	0	0
I MAB	SPONSORED ADS	44975P103	13,913	287,042	SH	DFND	1 3 4	287,042	0	0
IAA INC	COM	449253103	25,002	453,433	SH	DFND	1 3 4	453,433	0	0
IAA INC	COM	449253103	592	10,736	SH	DFND	1 4	10,736	0	0
IAC INTERACTIVECORP NEW	COM	44891N109	1,824	8,433	SH	DFND	1 4	8,433	0	0
IBIO INC	COM NEW	451033203	1,638	1,063,707	SH	DFND	1 3 4	1,063,707	0	0
IBIO INC	COM NEW	451033203	65	42,311	SH	DFND	1 4	42,311	0	0
ICF INTL INC	COM	44925C103	249	2,850	SH	DFND	1 4	2,850	0	0
ICHOR HOLDINGS	SHS	G4740B105	14,114	262,343	SH	DFND	1 3 4	262,343	0	0
ICHOR HOLDINGS	SHS	G4740B105	310	5,768	SH	DFND	1 4	5,768	0	0
ICICI BANK LIMITED	ADR	45104G104	102,493	6,393,855	SH	DFND	1 3 4	6,307,474	0	86,381
ICON PLC	SHS	G4705A100	171,531	873,508	SH	DFND	1 3 4	856,100	0	17,408
ICU MED INC	COM	44930G107	13,610	66,250	SH	DFND	1 3 4	66,250	0	0
ICU MED INC	COM	44930G107	327	1,591	SH	DFND	1 4	1,591	0	0

IDACORP INC	COM	451107106	38,664	386,752	SH	DFND	1 3 4	386,447	0	305
IDACORP INC	COM	451107106	344	3,440	SH	DFND	1 4	3,440	0	0
IDEX CORP	COM	45167R104	18,288	87,370	SH	DFND	1 3 4	87,370	0	0
IDEX CORP	COM	45167R104	1,072	5,120	SH	DFND	1 4	5,120	0	0
IDEXX LABS INC	COM	45168D104	542,035	1,107,755	SH	DFND	1 3 4	1,107,755	0	0
IDEXX LABS INC	COM	45168D104	4,633	9,469	SH	DFND	1 4	9,469	0	0
IGM BIOSCIENCES INC	COM	449585108	413	5,383	SH	DFND	1 3 4	5,383	0	0
IHS MARKIT LTD	SHS	G47567105	480,564	4,965,529	SH	DFND	1 3 4	4,965,529	0	0
IHS MARKIT LTD	SHS	G47567105	3,546	36,639	SH	DFND	1 4	36,639	0	0
II-VI INC	COM	902104108	24,849	363,453	SH	DFND	1 3 4	363,453	0	0
II-VI INC	COM	902104108	1,404	20,536	SH	DFND	1 4	20,536	0	0
ILLINOIS TOOL WKS INC	COM	452308109	74,112	334,559	SH	DFND	1 3 4	334,559	0	0
ILLINOIS TOOL WKS INC	COM	452308109	3,199	14,439	SH	DFND	1 4	14,439	0	0
ILLUMINA INC	COM	452327109	65,178	169,707	SH	DFND	1 3 4	169,707	0	0
ILLUMINA INC	COM	452327109	4,292	11,176	SH	DFND	1 4	11,176	0	0
IMMUNOGEN INC	COM	45253H101	1,877	231,757	SH	DFND	1 3 4	231,757	0	0
IMMUNOGEN INC	COM	45253H101	225	27,807	SH	DFND	1 4	27,807	0	0
IMMUNOVANT INC	COM	45258J102	313	19,523	SH	DFND	1 3 4	19,523	0	0
IMPINJ INC	COM	453204109	213	3,751	SH	DFND	1 4	3,751	0	0
INARI MED INC	COM	45332Y109	1,173	10,963	SH	DFND	1 3 4	10,963	0	0
INARI MED INC	COM	45332Y109	338	3,156	SH	DFND	1 4	3,156	0	0
INCYTE CORP	COM	45337C102	17,383	213,890	SH	DFND	1 3 4	213,890	0	0
INCYTE CORP	COM	45337C102	1,669	20,535	SH	DFND	1 4	20,535	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	157	10,307	SH	DFND	1 4	10,307	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	17,017	1,119,536	SH	DFND	2 3 4	1,119,536	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	10,641	700,066	SH	DFND	1 3 4	700,066	0	0
INDEPENDENT BANK CORP MASS	COM	453836108	19,106	226,936	SH	DFND	1 3 4	226,936	0	0
INDEPENDENT BANK CORP MASS	COM	453836108	303	3,597	SH	DFND	1 4	3,597	0	0
INDEPENDENT BK CORP MICH	COM NEW	453838609	7,748	327,760	SH	DFND	1 3 4	327,760	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	22,158	306,732	SH	DFND	1 3 4	306,732	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	271	3,749	SH	DFND	1 4	3,749	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	10,381	448,818	SH	DFND	1 3 4	448,818	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	14,360	620,842	SH	DFND	2 3 4	620,842	0	0
INFINERA CORP	COM	45667G103	253	26,317	SH	DFND	1 4	26,317	0	0
INFOSYS LTD	SPONSORED ADR	456788108	3,891	207,827	SH	DFND	1 3 4	207,827	0	0
ING GROEP N.V.	SPONSORED ADR	456837103	355	29,000	SH	DFND	1 3 4	0	0	29,000
INGERSOLL RAND INC	COM	45687V106	20,985	426,446	SH	DFND	1 3 4	426,446	0	0
INGERSOLL RAND INC	COM	45687V106	1,161	23,585	SH	DFND	1 4	23,585	0	0
INGEVITY CORP	COM	45688C107	12,946	171,403	SH	DFND	1 3 4	171,403	0	0
INGEVITY CORP	COM	45688C107	669	8,859	SH	DFND	1 4	8,859	0	0
INGREDION INC	COM	457187102	83,032	923,399	SH	DFND	1 3 4	922,608	0	791
INGREDION INC	COM	457187102	412	4,586	SH	DFND	1 4	4,586	0	0
INNOSPEC INC	COM	45768S105	19,160	186,578	SH	DFND	1 3 4	186,578	0	0
INNOSPEC INC	COM	45768S105	480	4,678	SH	DFND	1 4	4,678	0	0
INNOVATIVE INDL PPTYS INC	COM	45781V101	29,626	164,442	SH	DFND	1 3 4	164,442	0	0
INNOVATIVE INDL PPTYS INC	COM	45781V101	623	3,460	SH	DFND	1 4	3,460	0	0
INNOVIVA INC	COM	45781M101	6,667	557,901	SH	DFND	1 3 4	557,901	0	0
INNOVIVA INC	COM	45781M101	162	13,532	SH	DFND	1 4	13,532	0	0
INOGEN INC	COM	45780L104	8,385	159,650	SH	DFND	1 3 4	159,650	0	0

INOVALON HLDGS INC	COM CL A	45781D101	1,249	43,385	SH	DFND	1 3 4	43,385	0	0
INOVALON HLDGS INC	COM CL A	45781D101	458	15,930	SH	DFND	1 4	15,930	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	345	37,220	SH	DFND	1 3 4	37,220	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	367	39,503	SH	DFND	1 4	39,503	0	0
INPHI CORP	COM	45772F107	961	5,384	SH	DFND	1 4	5,384	0	0
INSEEGO CORP	COM	45782B104	152	15,195	SH	DFND	1 4	15,195	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	23,022	241,267	SH	DFND	1 3 4	241,267	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	443	4,647	SH	DFND	1 4	4,647	0	0
INSMED INC	COM PAR \$.01	457669307	736	21,595	SH	DFND	1 4	21,595	0	0
INSMED INC	COM PAR \$.01	457669307	18,222	534,984	SH	DFND	1 3 4	534,984	0	0
INSPERITY INC	COM	45778Q107	475	5,669	SH	DFND	1 4	5,669	0	0
INSPERITY INC	COM	45778Q107	10,029	119,761	SH	DFND	1 3 4	119,761	0	0
INSPIRE MED SYS INC	COM	457730109	53,869	260,251	SH	DFND	1 3 4	260,251	0	0
INSPIRE MED SYS INC	COM	457730109	1,156	5,583	SH	DFND	1 4	5,583	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	17,157	154,737	SH	DFND	1 3 4	154,737	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	541	4,876	SH	DFND	1 4	4,876	0	0
INSTEEL INDS INC	COM	45774W108	4,094	132,748	SH	DFND	1 3 4	132,748	0	0
INSULET CORP	COM	45784P101	44,656	171,151	SH	DFND	1 3 4	171,151	0	0
INSULET CORP	COM	45784P101	1,924	7,374	SH	DFND	1 4	7,374	0	0
INTEGER HLDGS CORP	COM	45826H109	20,862	226,517	SH	DFND	1 3 4	226,517	0	0
INTEGER HLDGS CORP	COM	45826H109	518	5,622	SH	DFND	1 4	5,622	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	16,501	238,830	SH	DFND	1 3 4	238,830	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	337	4,876	SH	DFND	1 4	4,876	0	0
INTEL CORP	COM	458140100	5,717	89,332	SH	DFND	1 4	89,332	0	0
INTEL CORP	COM	458140100	333,889	5,217,010	SH	DFND	1 3 4	5,217,010	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	1,066	13,280	SH	DFND	1 3 4	13,280	0	0
INTELLIA THERAPEUTICS INC	COM	45826J105	939	11,701	SH	DFND	1 4	11,701	0	0
INTER PARFUMS INC	COM	458334109	8,637	121,762	SH	DFND	1 3 4	121,762	0	0
INTER PARFUMS INC	COM	458334109	269	3,790	SH	DFND	1 4	3,790	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	19,887	272,272	SH	DFND	1 3 4	272,272	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	360	4,926	SH	DFND	1 4	4,926	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	2,226	96,431	SH	DFND	1 3 4	96,431	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	154,759	1,385,729	SH	DFND	1 3 4	1,385,729	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	2,528	22,633	SH	DFND	1 4	22,633	0	0
INTERDIGITAL INC	COM	45867G101	8,431	132,880	SH	DFND	1 3 4	132,880	0	0
INTERDIGITAL INC	COM	45867G101	267	4,213	SH	DFND	1 4	4,213	0	0
INTERFACE INC	COM	458665304	5,535	443,524	SH	DFND	1 3 4	443,524	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	8,714	187,716	SH	DFND	1 3 4	187,716	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	251	5,401	SH	DFND	1 4	5,401	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	136,664	1,025,543	SH	DFND	1 3 4	1,025,543	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	2,586	19,404	SH	DFND	1 4	19,404	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	39,715	284,474	SH	DFND	1 3 4	284,474	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	2,364	16,935	SH	DFND	1 4	16,935	0	0

INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	2,989	186,207	SH	DFND	1 3 4	186,207	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	161	10,058	SH	DFND	1 4	10,058	0	0
INTERNATIONAL PAPER CO	COM	460146103	1,447	26,769	SH	DFND	1 4	26,769	0	0
INTERNATIONAL PAPER CO	COM	460146103	31,713	586,513	SH	DFND	1 3 4	586,513	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	534	27,532	SH	DFND	1 3 4	27,532	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	777	26,600	SH	DFND	1 4	26,600	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	88,284	3,023,412	SH	DFND	1 3 4	3,010,453	0	12,959
INTRA CELLULAR THERAPIES INC	COM	46116X101	507	14,952	SH	DFND	1 3 4	14,952	0	0
INTRA CELLULAR THERAPIES INC	COM	46116X101	328	9,664	SH	DFND	1 4	9,664	0	0
INTUIT	COM	461202103	630,265	1,645,343	SH	DFND	1 3 4	1,645,343	0	0
INTUIT	COM	461202103	7,352	19,193	SH	DFND	1 4	19,193	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	299,956	405,927	SH	DFND	1 3 4	405,927	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	6,515	8,817	SH	DFND	1 4	8,817	0	0
INVACARE CORP	COM	461203101	2,112	263,369	SH	DFND	1 3 4	263,369	0	0
INVESCO EXCH TRADED FD TR II	S&P GBL WATER	46138E263	2,663	54,193	SH	DFND	1 3 4	54,193	0	0
INVESCO EXCH TRADED FD TR II	TREAS COLATERL	46138G888	1,521	14,394	SH	SOLE		0	0	14,394
INVESCO EXCH TRD SLF IDX FD	BULSHS 2021 HY	46138J809	208	9,025	SH	SOLE		0	0	9,025
INVESCO EXCHANGE TRADED FD T	WATER RES ETF	46137V142	585	11,842	SH	SOLE		0	0	11,842
INVESCO EXCHANGE TRADED FD T	S&P500 EQL WGT	46137V357	4,530	31,977	SH	SOLE		0	0	31,977
INVESCO EXCHANGE TRADED FD T	GBL LISTED PVT	46137V589	540	37,195	SH	SOLE		0	0	37,195
INVESCO EXCHANGE TRADED FD T	DYNMC LEISURE	46137V720	943	20,514	SH	SOLE		0	0	20,514
INVESCO LTD	SHS	G491BT108	11,496	455,829	SH	DFND	1 3 4	455,829	0	0
INVESCO LTD	SHS	G491BT108	651	25,804	SH	DFND	1 4	25,804	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	6,362	1,586,451	SH	DFND	1 3 4	1,586,451	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	94	23,522	SH	DFND	1 4	23,522	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	27,988	1,905,223	SH	DFND	1 3 4	1,905,223	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	455	30,979	SH	DFND	1 4	30,979	0	0
INVITAE CORP	COM	46185L103	1,132	29,624	SH	DFND	1 3 4	29,624	0	0
INVITAE CORP	COM	46185L103	988	25,864	SH	DFND	1 4	25,864	0	0
INVITATION HOMES INC	COM	46187W107	1,224	38,273	SH	DFND	1 4	38,273	0	0
INVITATION HOMES INC	COM	46187W107	868,393	27,145,725	SH	DFND	2 3 4	27,145,725	0	0
INVITATION HOMES INC	COM	46187W107	26,360	824,023	SH	DFND	1 3 4	824,023	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	1,467	32,640	SH	DFND	1 3 4	32,640	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	529	11,771	SH	DFND	1 4	11,771	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	12,770	403,362	SH	DFND	1 3 4	403,362	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	491	15,510	SH	DFND	1 4	15,510	0	0
IPG PHOTONICS CORP	COM	44980X109	9,146	43,358	SH	DFND	1 3 4	43,358	0	0
IPG PHOTONICS CORP	COM	44980X109	534	2,531	SH	DFND	1 4	2,531	0	0
IQIYI INC	SPONSORED ADS	46267X108	505	30,400	SH	DFND	1 3 4	30,400	0	0

IQVIA HLDGS INC	COM	46266C105	3,118	16,145	SH	DFND	1 4	16,145	0	0
IQVIA HLDGS INC	COM	46266C105	42,289	218,957	SH	DFND	1 3 4	218,957	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	856	6,162	SH	DFND	1 4	6,162	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	855	6,158	SH	DFND	1 3 4	6,158	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	16,426	398,215	SH	DFND	1 3 4	398,215	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	861	20,862	SH	DFND	1 4	20,862	0	0
IROBOT CORP	COM	462726100	30,421	248,981	SH	DFND	1 3 4	248,981	0	0
IROBOT CORP	COM	462726100	719	5,885	SH	DFND	1 4	5,885	0	0
IRON MTN INC NEW	COM	46284V101	12,219	330,149	SH	DFND	1 3 4	330,149	0	0
IRON MTN INC NEW	COM	46284V101	999	26,991	SH	DFND	1 4	26,991	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	2,757	246,642	SH	DFND	1 3 4	246,642	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	381	34,038	SH	DFND	1 4	34,038	0	0
ISHARES INC	MSCI WORLD ETF	464286392	5,117	43,182	SH	DFND	1 3 4	43,182	0	0
ISHARES INC	MSCI EMERG MRKT	464286533	1,279	20,247	SH	SOLE		0	0	20,247
ISHARES INC	MSCI JPN ETF NEW	46434G822	1,551	22,634	SH	DFND	1 3 4	22,634	0	0
ISHARES INC	ESG AWR MSCI EM	46434G863	671	15,496	SH	SOLE		0	0	15,496
ISHARES TR	CORE S&P TTL STK	464287150	235	2,564	SH	SOLE		0	0	2,564
ISHARES TR	CORE S&P500 ETF	464287200	281,230	706,928	SH	DFND	1 3 4	706,928	0	0
ISHARES TR	CORE S&P500 ETF	464287200	2,276	5,720	SH	SOLE		0	0	5,720
ISHARES TR	CORE US AGGBD ET	464287226	287	2,525	SH	SOLE		0	0	2,525
ISHARES TR	IBOXX INV CP ETF	464287242	82,972	638,000	SH	DFND	1 3 4	638,000	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	462	3,554	SH	SOLE		0	0	3,554
ISHARES TR	GLOBAL TECH ETF	464287291	337	1,096	SH	SOLE		0	0	1,096
ISHARES TR	20 YR TR BD ETF	464287432	835	6,163	SH	SOLE		0	0	6,163
ISHARES TR	BARCLAYS 7 10 YR	464287440	340	3,012	SH	SOLE		0	0	3,012
ISHARES TR	MSCI EAFE ETF	464287465	15,144	199,600	SH	DFND	1 3 4	199,600	0	0
ISHARES TR	RUS MDCP VAL ETF	464287473	6,726	61,533	SH	DFND	1 4	61,533	0	0
ISHARES TR	RUS MD CP GR ETF	464287481	2,898	28,396	SH	DFND	1 4	28,396	0	0
ISHARES TR	RUS MID CAP ETF	464287499	1,801	24,360	SH	DFND	1 3 4	24,360	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	9,232	35,468	SH	DFND	1 3 4	35,468	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	727	4,800	SH	DFND	1 3 4	4,800	0	0
ISHARES TR	RUS 1000 VAL ETF	464287598	8,723	57,561	SH	DFND	1 4	57,561	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	4,077	16,774	SH	DFND	1 3 4	16,774	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	29,663	122,050	SH	DFND	1 4	122,050	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	1,192	7,472	SH	DFND	1 3 4	7,472	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	3,170	19,880	SH	DFND	1 4	19,880	0	0
ISHARES TR	RUS 2000	464287648	6,193	20,592	SH	DFND	1 4	20,592	0	0

## GRW ETF

ISHARES TR	U.S. ENERGY ETF	464287796	206	7,868	SH	SOLE		0	0	7,868
ISHARES TR	CORE S&P SCP ETF	464287804	13,067	120,400	SH	DFND	1 3 4	120,400	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	1,992	18,352	SH	SOLE		0	0	18,352
ISHARES TR	SHRT NAT MUN ETF	464288158	6,402	59,374	SH	DFND	1 3 4	59,374	0	0
ISHARES TR	CALIF MUN BD ETF	464288356	1,837	29,578	SH	DFND	1 3 4	29,578	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	2,170	18,700	SH	DFND	1 3 4	18,700	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	1,851	15,947	SH	SOLE		0	0	15,947
ISHARES TR	INTL SEL DIV ETF	464288448	2,597	82,487	SH	DFND	1 3 4	82,487	0	0
ISHARES TR	IBOXX HI YD ETF	464288513	94,590	1,085,000	SH	DFND	1 3 4	1,085,000	0	0
ISHARES TR	IBOXX HI YD ETF	464288513	320	3,667	SH	SOLE		0	0	3,667
ISHARES TR	MBS ETF	464288588	444	4,096	SH	SOLE		0	0	4,096
ISHARES TR	ISHS 1-5YR INVS	464288646	627	11,461	SH	SOLE		0	0	11,461
ISHARES TR	US AER DEF ETF	464288760	547	5,258	SH	SOLE		0	0	5,258
ISHARES TR	U.S. MED DVC ETF	464288810	217	656	SH	SOLE		0	0	656
ISHARES TR	EAFE VALUE ETF	464288877	7,136	140,000	SH	DFND	1 4	140,000	0	0
ISHARES TR	EAFE VALUE ETF	464288877	978	19,178	SH	SOLE		0	0	19,178
ISHARES TR	EAFE GRWTH ETF	464288885	722	7,189	SH	SOLE		0	0	7,189
ISHARES TR	US TREAS BD ETF	46429B267	1,206	46,059	SH	SOLE		0	0	46,059
ISHARES TR	MSCI INDIA ETF	46429B598	12,903	305,905	SH	DFND	1 3 4	305,905	0	0
ISHARES TR	MSCI EAFE MIN VL	46429B689	280	3,837	SH	SOLE		0	0	3,837
ISHARES TR	MSCI USA MIN VOL	46429B697	2,509	36,264	SH	SOLE		0	0	36,264
ISHARES TR	MSCI USA QLT FCT	46432F339	349	2,862	SH	SOLE		0	0	2,862
ISHARES TR	MSCI USA VALUE	46432F388	545	5,321	SH	SOLE		0	0	5,321
ISHARES TR	MSCI USA MMENTM	46432F396	234	1,453	SH	SOLE		0	0	1,453
ISHARES TR	0-5YR HI YL CP	46434V407	274	5,973	SH	SOLE		0	0	5,973
ISHARES TR	MSCI INTL QUALTY	46434V456	223	6,132	SH	SOLE		0	0	6,132
ISHARES TR	CORE TOTAL USD	46434V613	804	15,242	SH	SOLE		0	0	15,242
ISHARES TR	ESG AWR MSCI USA	46435G425	1,669	18,367	SH	SOLE		0	0	18,367
ISTAR INC	COM	45031U101	9,027	507,728	SH	DFND	1 3 4	507,728	0	0
ITAMAR MED LTD	SPONSORED ADS	465437101	633	26,427	SH	DFND	1 3 4	26,427	0	0
ITRON INC	COM	465741106	27,002	304,596	SH	DFND	1 3 4	304,596	0	0
ITRON INC	COM	465741106	832	9,384	SH	DFND	1 4	9,384	0	0
ITT INC	COM	45073V108	26,500	291,501	SH	DFND	1 3 4	291,501	0	0
ITT INC	COM	45073V108	537	5,906	SH	DFND	1 4	5,906	0	0
J & J SNACK FOODS CORP	COM	466032109	16,183	103,056	SH	DFND	1 3 4	103,056	0	0
J & J SNACK FOODS CORP	COM	466032109	308	1,960	SH	DFND	1 4	1,960	0	0
J P MORGAN EXCHANGE-TRADED F	ULTRA SHRT INC	46641Q837	260	5,128	SH	SOLE		0	0	5,128

J2 GLOBAL INC	COM	48123V102	1,109	9,250	SH	DFND	1 4	9,250	0	0
J2 GLOBAL INC	COM	48123V102	25,813	215,357	SH	DFND	1 3 4	215,357	0	0
JABIL INC	COM	466313103	23,805	456,376	SH	DFND	1 3 4	456,376	0	0
JABIL INC	COM	466313103	595	11,408	SH	DFND	1 4	11,408	0	0
JACK IN THE BOX INC	COM	466367109	13,530	123,244	SH	DFND	1 3 4	123,244	0	0
JACK IN THE BOX INC	COM	466367109	286	2,606	SH	DFND	1 4	2,606	0	0
JACOBS ENGR GROUP INC	COM	469814107	19,669	152,156	SH	DFND	1 3 4	152,156	0	0
JACOBS ENGR GROUP INC	COM	469814107	1,135	8,779	SH	DFND	1 4	8,779	0	0
JAMES HARDIE INDS PLC	SPONSORED ADR	47030M106	294	9,600	SH	DFND	1 3 4	0	0	9,600
JAMES RIV GROUP LTD	COM	G5005R107	61,641	1,351,162	SH	DFND	1 3 4	1,349,773	0	1,389
JAMES RIV GROUP LTD	COM	G5005R107	272	5,956	SH	DFND	1 4	5,956	0	0
JAMF HLDG CORP	COM	47074L105	16,014	453,403	SH	DFND	1 3 4	453,403	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	40,458	1,298,792	SH	DFND	1 3 4	1,298,792	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	607	3,690	SH	DFND	1 4	3,690	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	31,307	190,468	SH	DFND	1 3 4	190,468	0	0
JBG SMITH PPTYS	COM	46590V100	11,843	372,530	SH	DFND	1 3 4	372,530	0	0
JBG SMITH PPTYS	COM	46590V100	265	8,325	SH	DFND	1 4	8,325	0	0
JD.COM INC	SPON ADR CL A	47215P106	24,858	294,773	SH	DFND	1 3 4	294,773	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	23,088	767,030	SH	DFND	1 3 4	767,030	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	456	15,162	SH	DFND	1 4	15,162	0	0
JETBLUE AWYS CORP	COM	477143101	40,607	1,996,389	SH	DFND	1 3 4	1,996,389	0	0
JETBLUE AWYS CORP	COM	477143101	428	21,051	SH	DFND	1 4	21,051	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	29,079	218,083	SH	DFND	1 3 4	218,083	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	891	6,681	SH	DFND	1 4	6,681	0	0
JOHNSON & JOHNSON	COM	478160104	608,546	3,702,744	SH	DFND	1 3 4	3,702,744	0	0
JOHNSON & JOHNSON	COM	478160104	322	1,959	SH	SOLE		0	0	1,959
JOHNSON & JOHNSON	COM	478160104	12,597	76,650	SH	DFND	1 4	76,650	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	50,010	838,103	SH	DFND	1 3 4	838,103	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	2,946	49,378	SH	DFND	1 4	49,378	0	0
JONES LANG LASALLE INC	COM	48020Q107	30,838	172,241	SH	DFND	1 3 4	172,241	0	0
JONES LANG LASALLE INC	COM	48020Q107	630	3,518	SH	DFND	1 4	3,518	0	0
JOUNCE THERAPEUTICS INC	COM	481116101	381	37,067	SH	DFND	1 3 4	37,067	0	0
JOYY INC	ADS REPSTG COM A	46591M109	1,759	18,771	SH	DFND	1 3 4	18,771	0	0
JPMORGAN CHASE & CO	COM	46625H100	1,011,175	6,642,414	SH	DFND	1 3 4	6,630,400	0	12,014
JPMORGAN CHASE & CO	COM	46625H100	10,040	65,954	SH	DFND	1 4	65,954	0	0
JUNIPER NETWORKS INC	COM	48203R104	570	22,503	SH	DFND	1 4	22,503	0	0
JUNIPER NETWORKS INC	COM	48203R104	11,543	455,705	SH	DFND	1 3 4	455,705	0	0
KADANT INC	COM	48282T104	1,566	8,467	SH	DFND	1 3 4	8,467	0	0
KADANT INC	COM	48282T104	451	2,438	SH	DFND	1 4	2,438	0	0
KADMON HLDGS INC	COM	48283N106	148	38,022	SH	DFND	1 3 4	38,022	0	0
KADMON HLDGS INC	COM	48283N106	143	36,793	SH	DFND	1 4	36,793	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	13,770	124,616	SH	DFND	1 3 4	124,616	0	0
KALA PHARMACEUTICALS INC	COM	483119103	84	12,452	SH	DFND	1 3 4	12,452	0	0

KAMAN CORP	COM	483548103	11,122	216,847	SH	DFND	1 3 4	216,847	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	27,453	104,019	SH	DFND	1 3 4	104,019	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	1,624	6,154	SH	DFND	1 4	6,154	0	0
KAR AUCTION SVCS INC	COM	48238T109	6,556	437,089	SH	DFND	1 3 4	437,089	0	0
KAR AUCTION SVCS INC	COM	48238T109	198	13,182	SH	DFND	1 4	13,182	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	711	5,914	SH	DFND	1 3 4	5,914	0	0
KARUNA THERAPEUTICS INC	COM	48576A100	405	3,369	SH	DFND	1 4	3,369	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	172	16,324	SH	DFND	1 3 4	16,324	0	0
KARYOPHARM THERAPEUTICS INC	COM	48576U106	164	15,629	SH	DFND	1 4	15,629	0	0
KB HOME	COM	48666K109	13,950	299,811	SH	DFND	1 3 4	299,811	0	0
KB HOME	COM	48666K109	488	10,493	SH	DFND	1 4	10,493	0	0
KBR INC	COM	48242W106	18,221	474,638	SH	DFND	1 3 4	474,638	0	0
KBR INC	COM	48242W106	633	16,487	SH	DFND	1 4	16,487	0	0
KEARNY FINL CORP MD	COM	48716P108	853	70,588	SH	DFND	1 3 4	70,588	0	0
KEARNY FINL CORP MD	COM	48716P108	123	10,174	SH	DFND	1 4	10,174	0	0
KELLOGG CO	COM	487836108	18,444	291,375	SH	DFND	1 3 4	291,375	0	0
KELLOGG CO	COM	487836108	1,325	20,927	SH	DFND	1 4	20,927	0	0
KELLY SVCS INC	CL A	488152208	5,489	246,454	SH	DFND	1 3 4	246,454	0	0
KEMPER CORP	COM	488401100	18,155	227,736	SH	DFND	1 3 4	227,736	0	0
KEMPER CORP	COM	488401100	336	4,215	SH	DFND	1 4	4,215	0	0
KENNAMETAL INC	COM	489170100	11,252	281,502	SH	DFND	1 3 4	281,502	0	0
KENNAMETAL INC	COM	489170100	339	8,469	SH	DFND	1 4	8,469	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	134,536	6,656,920	SH	DFND	1 3 4	6,656,920	0	0
KENNEDY-WILSON HOLDINGS INC	COM	489398107	247	12,218	SH	DFND	1 4	12,218	0	0
KEURIG DR PEPPER INC	COM	49271V100	25,882	753,034	SH	DFND	1 3 4	737,131	0	15,903
KEURIG DR PEPPER INC	COM	49271V100	523	15,213	SH	DFND	1 4	15,213	0	0
KEYCORP	COM	493267108	22,875	1,144,919	SH	DFND	1 3 4	1,144,919	0	0
KEYCORP	COM	493267108	1,321	66,139	SH	DFND	1 4	66,139	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	2,225	15,519	SH	DFND	1 4	15,519	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	31,841	222,043	SH	DFND	1 3 4	222,043	0	0
KFORCE INC	COM	493732101	226	4,209	SH	DFND	1 4	4,209	0	0
KFORCE INC	COM	493732101	747	13,936	SH	DFND	1 3 4	13,936	0	0
KILROY RLTY CORP	COM	49427F108	29,229	445,355	SH	DFND	1 3 4	445,355	0	0
KILROY RLTY CORP	COM	49427F108	516	7,859	SH	DFND	1 4	7,859	0	0
KILROY RLTY CORP	COM	49427F108	212,035	3,230,780	SH	DFND	2 3 4	3,230,780	0	0
KIMBALL INTL INC	CL B	494274103	210	14,967	SH	DFND	1 3 4	14,967	0	0
KIMBERLY-CLARK CORP	COM	494368103	54,617	392,789	SH	DFND	1 3 4	392,789	0	0
KIMBERLY-CLARK CORP	COM	494368103	1,031	7,413	SH	DFND	1 4	7,413	0	0
KIMCO RLTY CORP	COM	49446R109	10,428	556,183	SH	DFND	1 3 4	556,183	0	0
KIMCO RLTY CORP	COM	49446R109	530	28,255	SH	DFND	1 4	28,255	0	0
KINDER MORGAN INC DEL	COM	49456B101	706	42,427	SH	DFND	1 4	42,427	0	0
KINDER MORGAN INC DEL	COM	49456B101	37,119	2,229,395	SH	DFND	1 3 4	2,229,395	0	0
KINSALE CAP GROUP INC	COM	49714P108	11,889	72,139	SH	DFND	1 3 4	72,139	0	0
KINSALE CAP GROUP INC	COM	49714P108	744	4,512	SH	DFND	1 4	4,512	0	0
KIRBY CORP	COM	497266106	19,304	320,236	SH	DFND	1 3 4	320,236	0	0
KIRBY CORP	COM	497266106	250	4,147	SH	DFND	1 4	4,147	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	11,176	579,348	SH	DFND	1 3 4	579,348	0	0
KKR & CO INC	COM	48251W104	1,168,466	23,919,467	SH	DFND	1 3 4	23,902,898	0	16,569
KKR & CO INC	COM	48251W104	1,807	36,983	SH	DFND	1 4	36,983	0	0



KKR REAL ESTATE FIN TR INC	COM	48251K100	4,632	251,869	SH	DFND	1 3 4	251,869	0	0
KLA CORP	COM NEW	482480100	61,440	185,955	SH	DFND	1 3 4	185,955	0	0
KLA CORP	COM NEW	482480100	5,770	17,465	SH	DFND	1 4	17,465	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	411	8,546	SH	DFND	1 4	8,546	0	0
KNIGHT-SWIFT TRANSN HLDGS IN	CL A	499049104	20,781	432,127	SH	DFND	1 3 4	432,127	0	0
KNOLL INC	COM NEW	498904200	286	17,300	SH	DFND	1 3 4	17,300	0	0
KNOWLES CORP	COM	49926D109	13,189	630,441	SH	DFND	1 3 4	630,441	0	0
KODIAK SCIENCES INC	COM	50015M109	1,146	10,103	SH	DFND	1 3 4	10,103	0	0
KODIAK SCIENCES INC	COM	50015M109	799	7,047	SH	DFND	1 4	7,047	0	0
KOHL'S CORP	COM	500255104	31,670	531,281	SH	DFND	1 3 4	531,281	0	0
KOHL'S CORP	COM	500255104	631	10,592	SH	DFND	1 4	10,592	0	0
KONTOOR BRANDS INC	COM	50050N103	17,410	358,748	SH	DFND	1 3 4	358,748	0	0
KONTOOR BRANDS INC	COM	50050N103	253	5,214	SH	DFND	1 4	5,214	0	0
KOPPERS HOLDINGS INC	COM	50060P106	13,126	377,603	SH	DFND	1 3 4	377,603	0	0
KORN FERRY	COM NEW	500643200	27,324	438,089	SH	DFND	1 3 4	438,089	0	0
KORN FERRY	COM NEW	500643200	339	5,440	SH	DFND	1 4	5,440	0	0
KOSMOS ENERGY LTD	COM	500688106	1,158	377,193	SH	DFND	1 3 4	377,193	0	0
KOSMOS ENERGY LTD	COM	500688106	124	40,415	SH	DFND	1 4	40,415	0	0
KRAFT HEINZ CO	COM	500754106	565	14,124	SH	DFND	1 4	14,124	0	0
KRAFT HEINZ CO	COM	500754106	31,052	776,296	SH	DFND	1 3 4	776,296	0	0
KRATON CORPORATION	COM	50077C106	8,016	219,067	SH	DFND	1 3 4	219,067	0	0
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	706	25,896	SH	DFND	1 4	25,896	0	0
KROGER CO	COM	501044101	36,222	1,006,457	SH	DFND	1 3 4	1,006,457	0	0
KROGER CO	COM	501044101	1,851	51,426	SH	DFND	1 4	51,426	0	0
KRYSTAL BIOTECH INC	COM	501147102	337	4,370	SH	DFND	1 3 4	4,370	0	0
KRYSTAL BIOTECH INC	COM	501147102	248	3,213	SH	DFND	1 4	3,213	0	0
KULICKE & SOFFA INDS INC	COM	501242101	21,024	428,101	SH	DFND	1 3 4	428,101	0	0
KURA ONCOLOGY INC	COM	50127T109	354	12,506	SH	DFND	1 3 4	12,506	0	0
KURA ONCOLOGY INC	COM	50127T109	383	13,539	SH	DFND	1 4	13,539	0	0
L BRANDS INC	COM	501797104	19,287	311,792	SH	DFND	1 3 4	311,792	0	0
L BRANDS INC	COM	501797104	963	15,573	SH	DFND	1 4	15,573	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	47,952	236,599	SH	DFND	1 3 4	236,599	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	926	4,569	SH	DFND	1 4	4,569	0	0
LA Z BOY INC	COM	505336107	14,987	352,807	SH	DFND	1 3 4	352,807	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	29,362	115,131	SH	DFND	1 3 4	115,131	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	1,747	6,852	SH	DFND	1 4	6,852	0	0
LADDER CAP CORP	CL A	505743104	11,678	989,597	SH	DFND	1 3 4	989,597	0	0
LADDER CAP CORP	CL A	505743104	129	10,895	SH	DFND	1 4	10,895	0	0
LAKELAND BANCORP INC	COM	511637100	5,347	306,739	SH	DFND	1 3 4	306,739	0	0
LAKELAND FINL CORP	COM	511656100	1,938	28,008	SH	DFND	1 3 4	28,008	0	0
LAM RESEARCH CORP	COM	512807108	6,465	10,861	SH	DFND	1 4	10,861	0	0
LAM RESEARCH CORP	COM	512807108	136,779	229,788	SH	DFND	1 3 4	228,214	0	1,574
LAMAR ADVERTISING CO NEW	CL A	512816109	27,375	291,473	SH	DFND	1 3 4	291,473	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	552	5,873	SH	DFND	1 4	5,873	0	0
LAMB WESTON HLDGS INC	COM	513272104	12,980	167,521	SH	DFND	1 3 4	167,521	0	0
LAMB WESTON HLDGS INC	COM	513272104	889	11,480	SH	DFND	1 4	11,480	0	0
LANCASTER COLONY CORP	COM	513847103	11,559	65,915	SH	DFND	1 3 4	65,915	0	0
LANCASTER COLONY CORP	COM	513847103	709	4,042	SH	DFND	1 4	4,042	0	0

LANDSTAR SYS INC	COM	515098101	21,374	129,493	SH	DFND	1 3 4	129,493	0	0
LANDSTAR SYS INC	COM	515098101	654	3,964	SH	DFND	1 4	3,964	0	0
LANNET INC	COM	516012101	1,513	286,466	SH	DFND	1 3 4	286,466	0	0
LANTHEUS HLDGS INC	COM	516544103	9,836	460,277	SH	DFND	1 3 4	460,277	0	0
LANTHEUS HLDGS INC	COM	516544103	303	14,158	SH	DFND	1 4	14,158	0	0
LAREDO PETROLEUM INC	COM	516806205	1,862	61,956	SH	DFND	1 3 4	61,956	0	0
LAS VEGAS SANDS CORP	COM	517834107	907	14,925	SH	DFND	1 4	14,925	0	0
LAS VEGAS SANDS CORP	COM	517834107	22,853	376,120	SH	DFND	1 3 4	376,120	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,306	29,007	SH	DFND	1 4	29,007	0	0
LAUDER ESTEE COS INC	CL A	518439104	77,675	267,063	SH	DFND	1 3 4	267,063	0	0
LAUDER ESTEE COS INC	CL A	518439104	4,627	15,907	SH	DFND	1 4	15,907	0	0
LAUREATE EDUCATION INC	CL A	518613203	151	11,096	SH	DFND	1 4	11,096	0	0
LAZARD LTD	SHS A	G54050102	8,210	188,700	SH	DFND	1 3 4	188,700	0	0
LAZARD LTD	SHS A	G54050102	300	6,893	SH	DFND	1 4	6,893	0	0
LCI INDS	COM	50189K103	99,812	754,559	SH	DFND	1 3 4	753,955	0	604
LCI INDS	COM	50189K103	695	5,257	SH	DFND	1 4	5,257	0	0
LEAR CORP	COM NEW	521865204	742	4,092	SH	DFND	1 4	4,092	0	0
LEAR CORP	COM NEW	521865204	33,512	184,895	SH	DFND	1 3 4	184,895	0	0
LEGGETT & PLATT INC	COM	524660107	6,907	151,296	SH	DFND	1 3 4	151,296	0	0
LEGGETT & PLATT INC	COM	524660107	412	9,028	SH	DFND	1 4	9,028	0	0
LEIDOS HOLDINGS INC	COM	525327102	43,914	456,103	SH	DFND	1 3 4	455,693	0	410
LEIDOS HOLDINGS INC	COM	525327102	947	9,837	SH	DFND	1 4	9,837	0	0
LEMAITRE VASCULAR INC	COM	525558201	6,309	129,329	SH	DFND	1 3 4	129,329	0	0
LEMONADE INC	COM	52567D107	210	2,258	SH	DFND	1 4	2,258	0	0
LENDINGTREE INC NEW	COM	52603B107	7,821	36,719	SH	DFND	1 3 4	36,719	0	0
LENDINGTREE INC NEW	COM	52603B107	253	1,187	SH	DFND	1 4	1,187	0	0
LENNAR CORP	CL A	526057104	419,612	4,145,130	SH	DFND	1 3 4	4,145,130	0	0
LENNAR CORP	CL A	526057104	1,861	18,379	SH	DFND	1 4	18,379	0	0
LENNAR CORP	CL B	526057302	4,990	60,607	SH	DFND	1 3 4	60,607	0	0
LENNOX INTL INC	COM	526107107	64,169	205,940	SH	DFND	1 3 4	205,028	0	912
LENNOX INTL INC	COM	526107107	734	2,357	SH	DFND	1 4	2,357	0	0
LEVI STRAUSS & CO NEW	CL A COM STK	52736R102	3,242	135,588	SH	DFND	1 3 4	135,588	0	0
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	1,005	171,257	SH	DFND	1 3 4	171,257	0	0
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	62	10,605	SH	DFND	1 4	10,605	0	0
LEXINFINTECH HLDGS LTD	ADR	528877103	140	13,902	SH	DFND	1 3 4	13,902	0	0
LEXINGTON REALTY TRUST	COM	529043101	21,194	1,907,653	SH	DFND	1 3 4	1,907,653	0	0
LEXINGTON REALTY TRUST	COM	529043101	311	27,952	SH	DFND	1 4	27,952	0	0
LGI HOMES INC	COM	50187T106	22,562	151,111	SH	DFND	1 3 4	151,111	0	0
LGI HOMES INC	COM	50187T106	710	4,753	SH	DFND	1 4	4,753	0	0
LHC GROUP INC	COM	50187A107	20,358	106,470	SH	DFND	1 3 4	106,470	0	0
LHC GROUP INC	COM	50187A107	1,238	6,476	SH	DFND	1 4	6,476	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	134,596	927,307	SH	DFND	1 3 4	927,307	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	245	1,685	SH	DFND	1 4	1,685	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	1,632	10,872	SH	DFND	1 4	10,872	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	782,636	5,212,354	SH	DFND	1 3 4	5,212,354	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	52,686	1,195,249	SH	DFND	1 3 4	1,195,249	0	0

LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	275	6,246	SH	DFND	1 4	6,246	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	79,629	1,805,236	SH	DFND	1 3 4	1,805,236	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	566	12,836	SH	DFND	1 4	12,836	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	252,736	5,838,220	SH	DFND	1 3 4	5,838,220	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	587	13,563	SH	DFND	1 4	13,563	0	0
LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	25,516	667,610	SH	DFND	1 3 4	667,610	0	0
LIFE STORAGE INC	COM	53223X107	421	4,897	SH	DFND	1 4	4,897	0	0
LIFE STORAGE INC	COM	53223X107	21,857	254,329	SH	DFND	1 3 4	254,329	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	469	3,077	SH	DFND	1 4	3,077	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	14,930	97,932	SH	DFND	1 3 4	97,932	0	0
LILLY ELI & CO	COM	532457108	225,977	1,209,593	SH	DFND	1 3 4	1,206,986	0	2,607
LILLY ELI & CO	COM	532457108	11,990	64,179	SH	DFND	1 4	64,179	0	0
LIMELIGHT NETWORKS INC	COM	53261M104	96	26,775	SH	DFND	1 4	26,775	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	129,334	1,052,011	SH	DFND	1 3 4	1,047,026	0	4,985
LINCOLN ELEC HLDGS INC	COM	533900106	612	4,978	SH	DFND	1 4	4,978	0	0
LINCOLN NATL CORP IND	COM	534187109	12,869	206,670	SH	DFND	1 3 4	206,670	0	0
LINCOLN NATL CORP IND	COM	534187109	893	14,338	SH	DFND	1 4	14,338	0	0
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	14,858	786,145	SH	DFND	1 3 4	786,145	0	0
LINDE PLC	SHS	G5494J103	3,204	11,437	SH	DFND	1 4	11,437	0	0
LINDE PLC	SHS	G5494J103	331,750	1,184,230	SH	DFND	1 3 4	1,184,230	0	0
LINDSAY CORP	COM	535555106	13,447	80,706	SH	DFND	1 3 4	80,706	0	0
LINDSAY CORP	COM	535555106	385	2,312	SH	DFND	1 4	2,312	0	0
LIQUIDITY SERVICES INC	COM	53635B107	3,434	184,819	SH	DFND	1 3 4	184,819	0	0
LITHIA MTRS INC	CL A	536797103	35,009	89,747	SH	DFND	1 3 4	89,747	0	0
LITHIA MTRS INC	CL A	536797103	1,583	4,058	SH	DFND	1 4	4,058	0	0
LITTELFUSE INC	COM	537008104	175,443	663,454	SH	DFND	1 3 4	661,216	0	2,238
LITTELFUSE INC	COM	537008104	424	1,603	SH	DFND	1 4	1,603	0	0
LIVANOVA PLC	SHS	G5509L101	12,091	163,991	SH	DFND	1 3 4	163,991	0	0
LIVANOVA PLC	SHS	G5509L101	650	8,812	SH	DFND	1 4	8,812	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	621,085	7,337,092	SH	DFND	1 3 4	7,337,092	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	1,350	15,951	SH	DFND	1 4	15,951	0	0
LIVENT CORP	COM	53814L108	259	14,982	SH	DFND	1 4	14,982	0	0
LIVENT CORP	COM	53814L108	17,452	1,007,633	SH	DFND	1 3 4	1,007,633	0	0
LIVEPERSON INC	COM	538146101	701	13,299	SH	DFND	1 4	13,299	0	0
LIVEPERSON INC	COM	538146101	22,851	433,271	SH	DFND	1 3 4	433,271	0	0
LIVERAMP HLDGS INC	COM	53815P108	11,700	225,513	SH	DFND	1 3 4	225,513	0	0
LIVERAMP HLDGS INC	COM	53815P108	651	12,555	SH	DFND	1 4	12,555	0	0
LKQ CORP	COM	501889208	44,247	1,045,301	SH	DFND	1 3 4	1,045,301	0	0
LKQ CORP	COM	501889208	870	20,564	SH	DFND	1 4	20,564	0	0
LOCKHEED MARTIN CORP	COM	539830109	110,572	299,247	SH	DFND	1 3 4	299,247	0	0
LOCKHEED MARTIN CORP	COM	539830109	6,967	18,855	SH	DFND	1 4	18,855	0	0
LOEWS CORP	COM	540424108	13,334	260,025	SH	DFND	1 3 4	260,025	0	0
LOEWS CORP	COM	540424108	791	15,421	SH	DFND	1 4	15,421	0	0
LORAL SPACE & COM INC	COM	543881106	584	15,513	SH	DFND	1 3 4	15,513	0	0

LOUISIANA PAC CORP	COM	546347105	19,906	358,924	SH	DFND	1 3 4	358,924	0	0
LOUISIANA PAC CORP	COM	546347105	1,300	23,444	SH	DFND	1 4	23,444	0	0
LOWES COS INC	COM	548661107	10,619	55,838	SH	DFND	1 4	55,838	0	0
LOWES COS INC	COM	548661107	163,219	858,234	SH	DFND	1 3 4	858,234	0	0
LPL FINL HLDGS INC	COM	50212V100	20,174	141,910	SH	DFND	1 3 4	141,910	0	0
LPL FINL HLDGS INC	COM	50212V100	801	5,634	SH	DFND	1 4	5,634	0	0
LTC PPTYS INC	COM	502175102	14,766	353,924	SH	DFND	1 3 4	353,924	0	0
LTC PPTYS INC	COM	502175102	237	5,678	SH	DFND	1 4	5,678	0	0
LULULEMON ATHLETICA INC	COM	550021109	26,115	85,145	SH	DFND	1 3 4	83,608	0	1,537
LULULEMON ATHLETICA INC	COM	550021109	3,922	12,786	SH	DFND	1 4	12,786	0	0
LUMBER LIQUIDATORS HLDGS INC	COM	55003T107	5,887	234,346	SH	DFND	1 3 4	234,346	0	0
LUMENTUM HLDGS INC	COM	55024U109	501	5,486	SH	DFND	1 4	5,486	0	0
LUMENTUM HLDGS INC	COM	55024U109	23,304	255,105	SH	DFND	1 3 4	255,105	0	0
LUMINEX CORP DEL	COM	55027E102	293	9,171	SH	DFND	1 4	9,171	0	0
LUMINEX CORP DEL	COM	55027E102	11,631	364,600	SH	DFND	1 3 4	364,600	0	0
LYDALL INC DEL	COM	550819106	3,935	116,617	SH	DFND	1 3 4	116,617	0	0
LYFT INC	CL A COM	55087P104	1,074	16,992	SH	DFND	1 4	16,992	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	30,653	294,602	SH	DFND	1 3 4	294,602	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	1,817	17,459	SH	DFND	1 4	17,459	0	0
M & T BK CORP	COM	55261F104	66,687	439,858	SH	DFND	1 3 4	439,858	0	0
M & T BK CORP	COM	55261F104	1,321	8,712	SH	DFND	1 4	8,712	0	0
M D C HLDGS INC	COM	552676108	52,709	887,352	SH	DFND	1 3 4	886,716	0	636
M D C HLDGS INC	COM	552676108	343	5,766	SH	DFND	1 4	5,766	0	0
M/I HOMES INC	COM	55305B101	11,818	200,073	SH	DFND	1 3 4	200,073	0	0
MACERICH CO	COM	554382101	13,197	1,127,957	SH	DFND	1 3 4	1,127,957	0	0
MACERICH CO	COM	554382101	179	15,294	SH	DFND	1 4	15,294	0	0
MACK CALI RLTY CORP	COM	554489104	9,170	592,408	SH	DFND	1 3 4	592,408	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	17,939	309,191	SH	DFND	1 3 4	309,191	0	0
MACOM TECH SOLUTIONS HLDGS I	COM	55405Y100	596	10,279	SH	DFND	1 4	10,279	0	0
MACROGENICS INC	COM	556099109	7,237	227,199	SH	DFND	1 3 4	227,199	0	0
MACROGENICS INC	COM	556099109	248	7,801	SH	DFND	1 4	7,801	0	0
MACYS INC	COM	55616P104	34,551	2,134,086	SH	DFND	1 3 4	2,134,086	0	0
MACYS INC	COM	55616P104	511	31,590	SH	DFND	1 4	31,590	0	0
MADDEN STEVEN LTD	COM	556269108	22,703	609,346	SH	DFND	1 3 4	609,346	0	0
MADDEN STEVEN LTD	COM	556269108	464	12,461	SH	DFND	1 4	12,461	0	0
MADISON SQUARE GRDN SPRT COR	CL A	55825T103	229	1,274	SH	DFND	1 4	1,274	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	224	1,915	SH	DFND	1 4	1,915	0	0
MADRIGAL PHARMACEUTICALS INC	COM	558868105	401	3,431	SH	DFND	1 3 4	3,431	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	342	3,668	SH	DFND	1 4	3,668	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	14,809	158,832	SH	DFND	1 3 4	158,832	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	3,448	291,200	SH	DFND	1 3 4	291,200	0	0
MAGNA INTL INC	COM	559222401	298,580	3,391,407	SH	DFND	1 3 4	3,376,539	0	14,868
MAGNITE INC	COM	55955D100	751	18,046	SH	DFND	1 4	18,046	0	0
MAGNOLIA OIL & GAS CORP	CL A	559663109	292	25,439	SH	DFND	1 4	25,439	0	0
MALIBU BOATS INC	COM CL A	56117J100	358	4,493	SH	DFND	1 4	4,493	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	66,470	566,280	SH	DFND	1 3 4	566,280	0	0
MANHATTAN ASSOCIATES INC	COM	562750109	797	6,787	SH	DFND	1 4	6,787	0	0

MANNKIND CORP	COM NEW	56400P706	200	50,921	SH	DFND	1 3 4	50,921	0	0
MANNKIND CORP	COM NEW	56400P706	194	49,562	SH	DFND	1 4	49,562	0	0
MANPOWERGROUP INC	COM	56418H100	21,052	212,858	SH	DFND	1 3 4	212,858	0	0
MANPOWERGROUP INC	COM	56418H100	391	3,953	SH	DFND	1 4	3,953	0	0
MANTECH INTERNATIONAL CORP	CL A	564563104	358	4,112	SH	DFND	1 4	4,112	0	0
MANTECH INTERNATIONAL CORP	CL A	564563104	30,325	348,764	SH	DFND	1 3 4	348,577	0	187
MARATHON OIL CORP	COM	565849106	12,169	1,139,415	SH	DFND	1 3 4	1,139,415	0	0
MARATHON OIL CORP	COM	565849106	568	53,180	SH	DFND	1 4	53,180	0	0
MARATHON PETE CORP	COM	56585A102	218,768	4,089,883	SH	DFND	1 3 4	4,081,344	0	8,539
MARATHON PETE CORP	COM	56585A102	2,352	43,969	SH	DFND	1 4	43,969	0	0
MARAVAI LIFESCIENCES HLDGS I	COM CL A	56600D107	237	6,657	SH	DFND	1 4	6,657	0	0
MARCUS & MILLICHAP INC	COM	566324109	5,567	165,197	SH	DFND	1 3 4	165,197	0	0
MARCUS CORP DEL	COM	566330106	3,827	191,462	SH	DFND	1 3 4	191,462	0	0
MARINEMAX INC	COM	567908108	7,510	152,144	SH	DFND	1 3 4	152,144	0	0
MARKEL CORP	COM	570535104	722,580	634,053	SH	DFND	1 3 4	633,802	0	251
MARKEL CORP	COM	570535104	1,051	922	SH	DFND	1 4	922	0	0
MARKETAXESS HLDGS INC	COM	57060D108	23,500	47,197	SH	DFND	1 3 4	47,197	0	0
MARKETAXESS HLDGS INC	COM	57060D108	2,063	4,144	SH	DFND	1 4	4,144	0	0
MARRIOTT INTL INC NEW	CL A	571903202	45,114	304,600	SH	DFND	1 3 4	304,600	0	0
MARRIOTT INTL INC NEW	CL A	571903202	867	5,857	SH	DFND	1 4	5,857	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	24,182	138,831	SH	DFND	1 3 4	138,831	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	817	4,689	SH	DFND	1 4	4,689	0	0
MARRONE BIO INNOVATIONS INC	COM	57165B106	24	11,619	SH	DFND	1 4	11,619	0	0
MARSH & MCLENNAN COS INC	COM	571748102	96,733	794,199	SH	DFND	1 3 4	794,199	0	0
MARSH & MCLENNAN COS INC	COM	571748102	3,947	32,408	SH	DFND	1 4	32,408	0	0
MARTEN TRANS LTD	COM	573075108	6,849	403,605	SH	DFND	1 3 4	403,605	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	398,658	1,187,115	SH	DFND	1 3 4	1,187,115	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	1,419	4,224	SH	DFND	1 4	4,224	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	2,214	45,211	SH	DFND	1 4	45,211	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	27,677	565,053	SH	DFND	1 3 4	565,053	0	0
MASCO CORP	COM	574599106	24,388	407,150	SH	DFND	1 3 4	407,150	0	0
MASCO CORP	COM	574599106	1,051	17,542	SH	DFND	1 4	17,542	0	0
MASIMO CORP	COM	574795100	39,611	172,475	SH	DFND	1 3 4	172,475	0	0
MASIMO CORP	COM	574795100	1,264	5,502	SH	DFND	1 4	5,502	0	0
MASONITE INTL CORP	COM	575385109	38,934	337,851	SH	DFND	1 3 4	337,851	0	0
MASONITE INTL CORP	COM	575385109	599	5,198	SH	DFND	1 4	5,198	0	0
MASTEC INC	COM	576323109	17,809	190,061	SH	DFND	1 3 4	190,061	0	0
MASTEC INC	COM	576323109	587	6,263	SH	DFND	1 4	6,263	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	23,910	67,154	SH	DFND	1 4	67,154	0	0
MASTERCARD INCORPORATED	CL A	57636Q104	933,659	2,622,270	SH	DFND	1 3 4	2,622,270	0	0
MATADOR RES CO	COM	576485205	262	11,164	SH	DFND	1 4	11,164	0	0
MATADOR RES CO	COM	576485205	17,690	754,382	SH	DFND	1 3 4	754,382	0	0
MATCH GROUP INC NEW	COM	57667L107	330	2,403	SH	DFND	1 3 4	2,403	0	0
MATCH GROUP INC	COM	57667L107	3,456	25,155	SH	DFND	1 4	25,155	0	0

NEW										
MATERION CORP	COM	576690101	9,256	139,732	SH	DFND	1 3 4	139,732	0	0
MATRIX SVC CO	COM	576853105	2,389	182,206	SH	DFND	1 3 4	182,206	0	0
MATSON INC	COM	57686G105	19,912	298,530	SH	DFND	1 3 4	298,530	0	0
MATSON INC	COM	57686G105	290	4,349	SH	DFND	1 4	4,349	0	0
MATTEL INC	COM	577081102	46,537	2,336,193	SH	DFND	1 3 4	2,336,193	0	0
MATTEL INC	COM	577081102	649	32,605	SH	DFND	1 4	32,605	0	0
MATTHEWS INTL CORP	CL A	577128101	9,444	238,797	SH	DFND	1 3 4	238,797	0	0
MAXAR TECHNOLOGIES INC	COM	57778K105	274	7,240	SH	DFND	1 4	7,240	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	30,346	332,119	SH	DFND	1 3 4	332,119	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	2,009	21,985	SH	DFND	1 4	21,985	0	0
MAXIMUS INC	COM	577933104	18,440	207,093	SH	DFND	1 3 4	207,093	0	0
MAXIMUS INC	COM	577933104	1,161	13,043	SH	DFND	1 4	13,043	0	0
MAXLINEAR INC	COM	57776J100	24,793	727,501	SH	DFND	1 3 4	727,501	0	0
MAXLINEAR INC	COM	57776J100	391	11,487	SH	DFND	1 4	11,487	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	39,059	438,077	SH	DFND	1 3 4	438,077	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	2,055	23,053	SH	DFND	1 4	23,053	0	0
MCDONALDS CORP	COM	580135101	249,794	1,114,457	SH	DFND	1 3 4	1,114,457	0	0
MCDONALDS CORP	COM	580135101	4,930	21,997	SH	DFND	1 4	21,997	0	0
MCGRATH RENTCORP	COM	580589109	320	3,968	SH	DFND	1 4	3,968	0	0
MCKESSON CORP	COM	58155Q103	38,146	195,581	SH	DFND	1 3 4	195,581	0	0
MCKESSON CORP	COM	58155Q103	3,156	16,183	SH	DFND	1 4	16,183	0	0
MDU RES GROUP INC	COM	552690109	21,382	676,440	SH	DFND	1 3 4	676,440	0	0
MDU RES GROUP INC	COM	552690109	431	13,643	SH	DFND	1 4	13,643	0	0
MEDALLIA INC	COM	584021109	267	9,557	SH	DFND	1 4	9,557	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	89,082	4,186,209	SH	DFND	1 3 4	4,183,198	0	3,011
MEDICAL PPTYS TRUST INC	COM	58463J304	824	38,717	SH	DFND	1 4	38,717	0	0
MEDIFAST INC	COM	58470H101	42,338	199,877	SH	DFND	1 3 4	199,877	0	0
MEDIFAST INC	COM	58470H101	510	2,409	SH	DFND	1 4	2,409	0	0
MEDNAX INC	COM	58502B106	17,841	700,460	SH	DFND	1 3 4	700,460	0	0
MEDPACE HLDGS INC	COM	58506Q109	15,211	92,724	SH	DFND	1 3 4	92,724	0	0
MEDPACE HLDGS INC	COM	58506Q109	966	5,890	SH	DFND	1 4	5,890	0	0
MEDTRONIC PLC	SHS	G5960L103	455,814	3,858,577	SH	DFND	1 3 4	3,848,216	0	10,361
MEDTRONIC PLC	SHS	G5960L103	3,450	29,207	SH	DFND	1 4	29,207	0	0
MEI PHARMA INC	COM NEW	55279B202	76	22,291	SH	DFND	1 4	22,291	0	0
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	7,512	377,312	SH	DFND	1 3 4	377,312	0	0
MERCADOLIBRE INC	COM	58733R102	54,855	37,262	SH	DFND	1 3 4	35,836	0	1,426
MERCER INTL INC	COM	588056101	3,909	271,630	SH	DFND	1 3 4	271,630	0	0
MERCK & CO. INC	COM	58933Y105	507,886	6,588,223	SH	DFND	1 3 4	6,573,396	0	14,827
MERCK & CO. INC	COM	58933Y105	13,479	174,843	SH	DFND	1 4	174,843	0	0
MERCURY GENL CORP NEW	COM	589400100	10,560	173,649	SH	DFND	1 3 4	173,649	0	0
MERCURY SYS INC	COM	589378108	13,367	189,195	SH	DFND	1 3 4	189,195	0	0
MERCURY SYS INC	COM	589378108	403	5,698	SH	DFND	1 4	5,698	0	0
MEREDITH CORP	COM	589433101	9,357	314,196	SH	DFND	1 3 4	314,196	0	0
MERIDIAN BANCORP INC MD	COM	58958U103	4,021	218,285	SH	DFND	1 3 4	218,285	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	225	8,556	SH	DFND	1 4	8,556	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	9,188	350,028	SH	DFND	1 3 4	350,028	0	0
MERIT MED SYS INC	COM	589889104	20,908	349,170	SH	DFND	1 3 4	349,170	0	0
MERIT MED SYS INC	COM	589889104	692	11,556	SH	DFND	1 4	11,556	0	0
MERITAGE HOMES CORP	COM	59001A102	23,699	257,823	SH	DFND	1 3 4	257,823	0	0

MERITAGE HOMES CORP	COM	59001A102	375	4,083	SH	DFND	1 4	4,083	0	0
MERITOR INC	COM	59001K100	14,667	498,538	SH	DFND	1 3 4	498,538	0	0
MERITOR INC	COM	59001K100	382	12,977	SH	DFND	1 4	12,977	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	1,125	69,516	SH	DFND	1 3 4	69,516	0	0
MERSANA THERAPEUTICS INC	COM	59045L106	188	11,640	SH	DFND	1 4	11,640	0	0
MESA LABS INC	COM	59064R109	246	1,010	SH	DFND	1 4	1,010	0	0
MESA LABS INC	COM	59064R109	8,159	33,508	SH	DFND	1 3 4	33,508	0	0
META FINL GROUP INC	COM	59100U108	10,043	221,651	SH	DFND	1 3 4	221,651	0	0
METHODE ELECTRS INC	COM	591520200	12,253	291,869	SH	DFND	1 3 4	291,869	0	0
METLIFE INC	COM	59156R108	62,173	1,022,758	SH	DFND	1 3 4	1,022,758	0	0
METLIFE INC	COM	59156R108	1,001	16,465	SH	DFND	1 4	16,465	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	450,242	389,587	SH	DFND	1 3 4	389,587	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	2,929	2,534	SH	DFND	1 4	2,534	0	0
MFA FINL INC	COM	55272X102	187	45,909	SH	DFND	1 4	45,909	0	0
MGE ENERGY INC	COM	55277P104	342	4,785	SH	DFND	1 4	4,785	0	0
MGIC INVT CORP WIS	COM	552848103	17,963	1,296,950	SH	DFND	1 3 4	1,296,950	0	0
MGIC INVT CORP WIS	COM	552848103	319	23,025	SH	DFND	1 4	23,025	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	131,096	4,018,879	SH	DFND	2 3 4	4,018,879	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	17,882	470,700	SH	DFND	1 3 4	470,700	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	1,217	32,037	SH	DFND	1 4	32,037	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	5,365	90,710	SH	DFND	1 3 4	90,710	0	0
MICHAELS COS INC	COM	59408Q106	10,681	486,814	SH	DFND	1 3 4	486,814	0	0
MICROCHIP TECHNOLOGY INC.	COM	595017104	876,393	5,646,138	SH	DFND	1 3 4	5,637,009	0	9,129
MICROCHIP TECHNOLOGY INC.	COM	595017104	3,926	25,295	SH	DFND	1 4	25,295	0	0
MICRON TECHNOLOGY INC	COM	595112103	116,166	1,316,927	SH	DFND	1 3 4	1,316,927	0	0
MICRON TECHNOLOGY INC	COM	595112103	2,142	24,286	SH	DFND	1 4	24,286	0	0
MICROSOFT CORP	COM	594918104	3,372,147	14,302,695	SH	DFND	1 3 4	14,292,793	0	9,902
MICROSOFT CORP	COM	594918104	134,339	569,787	SH	DFND	1 4	569,787	0	0
MICROSOFT CORP	COM	594918104	405	1,717	SH	SOLE		0	0	1,717
MICROSTRATEGY INC	CL A NEW	594972408	857	1,262	SH	DFND	1 4	1,262	0	0
MICROSTRATEGY INC	CL A NEW	594972408	41,504	61,143	SH	DFND	1 3 4	61,143	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	18,903	130,941	SH	DFND	1 3 4	130,941	0	0
MID-AMER APT CMNTYS INC	COM	59522J103	1,118	7,747	SH	DFND	1 4	7,747	0	0
MIDDLEBY CORP	COM	596278101	39,435	237,921	SH	DFND	1 3 4	237,921	0	0
MIDDLEBY CORP	COM	596278101	623	3,760	SH	DFND	1 4	3,760	0	0
MIDDLESEX WTR CO	COM	596680108	604	7,646	SH	DFND	1 3 4	7,646	0	0
MIDDLESEX WTR CO	COM	596680108	287	3,638	SH	DFND	1 4	3,638	0	0
MIDLAND STS BANCORP INC ILL	COM	597742105	766	27,605	SH	DFND	1 3 4	27,605	0	0
MILLER HERMAN INC	COM	600544100	8,179	198,756	SH	DFND	1 3 4	198,756	0	0
MILLER HERMAN INC	COM	600544100	247	6,001	SH	DFND	1 4	6,001	0	0
MIMECAST LTD	ORD SHS	G14838109	502	12,495	SH	DFND	1 4	12,495	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	9,767	129,676	SH	DFND	1 3 4	129,676	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	261	3,460	SH	DFND	1 4	3,460	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	8,157	47,616	SH	DFND	1 3 4	47,616	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,563	9,127	SH	DFND	1 4	9,127	0	0

MKS INSTRS INC	COM	55306N104	158,540	855,030	SH	DFND	1 3 4	854,373	0	657
MKS INSTRS INC	COM	55306N104	1,034	5,578	SH	DFND	1 4	5,578	0	0
MODEL N INC	COM	607525102	263	7,455	SH	DFND	1 4	7,455	0	0
MODERNA INC	COM	60770K107	8,299	63,372	SH	DFND	1 3 4	63,372	0	0
MODERNA INC	COM	60770K107	4,207	32,125	SH	DFND	1 4	32,125	0	0
MODINE MFG CO	COM	607828100	14,308	968,698	SH	DFND	1 3 4	968,698	0	0
MOELIS & CO	CL A	60786M105	619	11,271	SH	DFND	1 4	11,271	0	0
MOHAWK INDS INC	COM	608190104	18,799	97,754	SH	DFND	1 3 4	97,754	0	0
MOHAWK INDS INC	COM	608190104	763	3,967	SH	DFND	1 4	3,967	0	0
MOLINA HEALTHCARE INC	COM	60855R100	1,344	5,750	SH	DFND	1 4	5,750	0	0
MOLINA HEALTHCARE INC	COM	60855R100	45,823	196,025	SH	DFND	1 3 4	196,025	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	11,592	226,625	SH	DFND	1 3 4	226,625	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	611	11,944	SH	DFND	1 4	11,944	0	0
MONARCH CASINO & RESORT INC	COM	609027107	5,374	88,648	SH	DFND	1 3 4	88,648	0	0
MONDELEZ INTL INC	CL A	609207105	98,223	1,678,169	SH	DFND	1 3 4	1,678,169	0	0
MONDELEZ INTL INC	CL A	609207105	1,780	30,412	SH	DFND	1 4	30,412	0	0
MONGODB INC	CL A	60937P106	8,764	32,772	SH	DFND	1 3 4	32,772	0	0
MONGODB INC	CL A	60937P106	1,566	5,857	SH	DFND	1 4	5,857	0	0
MONMOUTH REAL ESTATE INVT CO	CL A	609720107	337	19,071	SH	DFND	1 4	19,071	0	0
MONOLITHIC PWR SYS INC	COM	609839105	41,005	116,092	SH	DFND	1 3 4	115,986	0	106
MONOLITHIC PWR SYS INC	COM	609839105	1,732	4,904	SH	DFND	1 4	4,904	0	0
MONRO INC	COM	610236101	340	5,166	SH	DFND	1 4	5,166	0	0
MONRO INC	COM	610236101	17,700	269,002	SH	DFND	1 3 4	269,002	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	2,559	28,091	SH	DFND	1 4	28,091	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	40,246	441,826	SH	DFND	1 3 4	441,826	0	0
MOODYS CORP	COM	615369105	453,716	1,519,427	SH	DFND	1 3 4	1,519,427	0	0
MOODYS CORP	COM	615369105	3,693	12,367	SH	DFND	1 4	12,367	0	0
MOOG INC	CL A	615394202	16,779	201,788	SH	DFND	1 3 4	201,788	0	0
MOOG INC	CL A	615394202	245	2,947	SH	DFND	1 4	2,947	0	0
MORGAN STANLEY	COM NEW	617446448	307,497	3,959,535	SH	DFND	1 3 4	3,953,750	0	5,785
MORGAN STANLEY	COM NEW	617446448	2,367	30,474	SH	DFND	1 4	30,474	0	0
MORNINGSTAR INC	COM	617700109	36,752	163,312	SH	DFND	1 3 4	161,959	0	1,353
MORNINGSTAR INC	COM	617700109	512	2,274	SH	DFND	1 4	2,274	0	0
MOSAIC CO NEW	COM	61945C103	747	23,642	SH	DFND	1 4	23,642	0	0
MOSAIC CO NEW	COM	61945C103	20,259	640,896	SH	DFND	1 3 4	640,896	0	0
MOTORCAR PTS AMER INC	COM	620071100	2,947	130,974	SH	DFND	1 3 4	130,974	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	2,319	12,333	SH	DFND	1 4	12,333	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	347,059	1,845,565	SH	DFND	1 3 4	1,845,565	0	0
MOVADO GROUP INC	COM	624580106	3,243	113,991	SH	DFND	1 3 4	113,991	0	0
MR COOPER GROUP INC	COM	62482R107	16,884	485,727	SH	DFND	1 3 4	485,727	0	0
MR COOPER GROUP INC	COM	62482R107	266	7,651	SH	DFND	1 4	7,651	0	0
MRC GLOBAL INC	COM	55345K103	381	42,223	SH	DFND	1 3 4	42,223	0	0
MSA SAFETY INC	COM	553498106	67,985	453,171	SH	DFND	1 3 4	452,790	0	381
MSA SAFETY INC	COM	553498106	430	2,868	SH	DFND	1 4	2,868	0	0
MSC INDL DIRECT INC	CL A	553530106	21,688	240,473	SH	DFND	1 3 4	240,473	0	0
MSC INDL DIRECT INC	CL A	553530106	275	3,050	SH	DFND	1 4	3,050	0	0
MSCI INC	COM	55354G100	297,998	710,739	SH	DFND	1 3 4	710,739	0	0
MSCI INC	COM	55354G100	3,791	9,042	SH	DFND	1 4	9,042	0	0
MSG NETWORK INC	CL A	553573106	659	43,822	SH	DFND	1 3 4	43,822	0	0
MTS SYS CORP	COM	553777103	7,790	133,851	SH	DFND	1 3 4	133,851	0	0



MUELLER INDS INC	COM	624756102	17,678	427,533	SH	DFND	1 3 4	427,533	0	0
MUELLER INDS INC	COM	624756102	234	5,657	SH	DFND	1 4	5,657	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	1,221	87,887	SH	DFND	1 3 4	87,887	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	232	16,697	SH	DFND	1 4	16,697	0	0
MURPHY OIL CORP	COM	626717102	12,351	752,654	SH	DFND	1 3 4	752,654	0	0
MURPHY OIL CORP	COM	626717102	168	10,244	SH	DFND	1 4	10,244	0	0
MURPHY USA INC	COM	626755102	12,346	85,403	SH	DFND	1 3 4	85,403	0	0
MURPHY USA INC	COM	626755102	794	5,495	SH	DFND	1 4	5,495	0	0
MUSTANG BIO INC	COM	62818Q104	37	11,016	SH	DFND	1 4	11,016	0	0
MYERS INDS INC	COM	628464109	5,388	272,686	SH	DFND	1 3 4	272,686	0	0
MYR GROUP INC DEL	COM	55405W104	204	2,846	SH	DFND	1 4	2,846	0	0
MYR GROUP INC DEL	COM	55405W104	29,411	410,372	SH	DFND	1 3 4	410,372	0	0
MYRIAD GENETICS INC	COM	62855J104	18,357	602,842	SH	DFND	1 3 4	602,842	0	0
MYRIAD GENETICS INC	COM	62855J104	219	7,204	SH	DFND	1 4	7,204	0	0
NABORS INDUSTRIES LTD	SHS	G6359F137	4,160	44,513	SH	DFND	1 3 4	44,513	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	5,827	88,681	SH	DFND	1 3 4	88,681	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	576	8,761	SH	DFND	1 4	8,761	0	0
NASDAQ INC	COM	631103108	38,935	264,040	SH	DFND	1 3 4	259,382	0	4,658
NASDAQ INC	COM	631103108	1,148	7,784	SH	DFND	1 4	7,784	0	0
NATERA INC	COM	632307104	1,586	15,620	SH	DFND	1 4	15,620	0	0
NATERA INC	COM	632307104	72,818	717,140	SH	DFND	1 3 4	717,140	0	0
NATIONAL BEVERAGE CORP	COM	635017106	247	5,043	SH	DFND	1 4	5,043	0	0
NATIONAL BEVERAGE CORP	COM	635017106	10,332	211,235	SH	DFND	1 3 4	211,235	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	8,357	210,612	SH	DFND	1 3 4	210,612	0	0
NATIONAL CINEMEDIA INC	COM	635309107	129	27,885	SH	DFND	1 3 4	27,885	0	0
NATIONAL FUEL GAS CO	COM	636180101	15,358	307,214	SH	DFND	1 3 4	307,214	0	0
NATIONAL FUEL GAS CO	COM	636180101	291	5,824	SH	DFND	1 4	5,824	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	23,207	321,072	SH	DFND	1 3 4	320,769	0	303
NATIONAL HEALTH INVS INC	COM	63633D104	435	6,019	SH	DFND	1 4	6,019	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	386	4,949	SH	DFND	1 3 4	4,949	0	0
NATIONAL INSTRS CORP	COM	636518102	19,153	443,509	SH	DFND	1 3 4	443,509	0	0
NATIONAL INSTRS CORP	COM	636518102	380	8,810	SH	DFND	1 4	8,810	0	0
NATIONAL PRESTO INDS INC	COM	637215104	3,646	35,719	SH	DFND	1 3 4	35,719	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	26,088	591,963	SH	DFND	1 3 4	591,963	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	516	11,716	SH	DFND	1 4	11,716	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	17,625	441,408	SH	DFND	1 3 4	441,408	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	534	13,361	SH	DFND	1 4	13,361	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	2,113	48,211	SH	DFND	1 3 4	48,211	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	684	15,610	SH	DFND	1 4	15,610	0	0
NATIONAL WESTN LIFE GROUP IN	CL A	638517102	437	1,754	SH	DFND	1 3 4	1,754	0	0
NATURAL GROCERS BY VITAMIN C	COM	63888U108	194	11,061	SH	DFND	1 3 4	11,061	0	0
NATUS MED INC DEL	COM	639050103	7,013	273,829	SH	DFND	1 3 4	273,829	0	0
NAVIENT CORPORATION	COM	63938C108	15,064	1,052,680	SH	DFND	1 3 4	1,052,680	0	0

NAVIENT CORPORATION	COM	63938C108	269	18,791	SH	DFND	1 4	18,791	0	0
NAVISTAR INTL CORP NEW	COM	63934E108	224	5,077	SH	DFND	1 4	5,077	0	0
NBT BANCORP INC	COM	628778102	13,291	333,116	SH	DFND	1 3 4	333,116	0	0
NCINO INC	COM	63947U107	320	4,803	SH	DFND	1 4	4,803	0	0
NCR CORP NEW	COM	62886E108	19,605	516,611	SH	DFND	1 3 4	516,611	0	0
NCR CORP NEW	COM	62886E108	336	8,844	SH	DFND	1 4	8,844	0	0
NEENAH INC	COM	640079109	6,751	131,388	SH	DFND	1 3 4	131,388	0	0
NEKTAR THERAPEUTICS	COM	640268108	13,074	653,697	SH	DFND	1 3 4	653,697	0	0
NEKTAR THERAPEUTICS	COM	640268108	241	12,059	SH	DFND	1 4	12,059	0	0
NEOGAMES S A	SHS	L6673X107	518	14,486	SH	DFND	1 3 4	14,486	0	0
NEOGEN CORP	COM	640491106	15,949	179,429	SH	DFND	1 3 4	179,429	0	0
NEOGEN CORP	COM	640491106	1,000	11,253	SH	DFND	1 4	11,253	0	0
NEOGENOMICS INC	COM NEW	64049M209	39,963	828,584	SH	DFND	1 3 4	828,584	0	0
NEOGENOMICS INC	COM NEW	64049M209	1,118	23,176	SH	DFND	1 4	23,176	0	0
NESCO HLDGS INC	COM	64083J104	12,827	1,371,923	SH	DFND	1 3 4	1,371,923	0	0
NETAPP INC	COM	64110D104	23,086	317,679	SH	DFND	1 3 4	317,679	0	0
NETAPP INC	COM	64110D104	1,484	20,425	SH	DFND	1 4	20,425	0	0
NETEASE INC	SPONSORED ADS	64110W102	11,619	112,523	SH	DFND	1 3 4	112,523	0	0
NETFLIX INC	COM	64110L106	557,525	1,068,751	SH	DFND	1 3 4	1,068,751	0	0
NETFLIX INC	COM	64110L106	16,866	32,332	SH	DFND	1 4	32,332	0	0
NETGEAR INC	COM	64111Q104	8,644	210,322	SH	DFND	1 3 4	210,322	0	0
NETSCOUT SYS INC	COM	64115T104	9,095	322,972	SH	DFND	1 3 4	322,972	0	0
NETSCOUT SYS INC	COM	64115T104	203	7,205	SH	DFND	1 4	7,205	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	30,871	317,435	SH	DFND	1 3 4	317,435	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	1,011	10,392	SH	DFND	1 4	10,392	0	0
NEVRO CORP	COM	64157F103	1,012	7,253	SH	DFND	1 4	7,253	0	0
NEVRO CORP	COM	64157F103	24,032	172,275	SH	DFND	1 3 4	172,275	0	0
NEW JERSEY RES CORP	COM	646025106	387	9,719	SH	DFND	1 4	9,719	0	0
NEW JERSEY RES CORP	COM	646025106	12,932	324,358	SH	DFND	1 3 4	324,358	0	0
NEW ORIENTAL ED & TECHNOLOGY	SPON ADR	647581107	68,127	4,866,218	SH	DFND	1 3 4	4,759,328	0	106,890
NEW RELIC INC	COM	64829B100	359	5,844	SH	DFND	1 4	5,844	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,828	162,499	SH	DFND	1 3 4	162,499	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	316	28,123	SH	DFND	1 4	28,123	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	19,806	1,569,394	SH	DFND	1 3 4	1,569,394	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	386	30,589	SH	DFND	1 4	30,589	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	11,658	2,608,060	SH	DFND	1 3 4	2,608,060	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	174	38,895	SH	DFND	1 4	38,895	0	0
NEW YORK TIMES CO	CL A	650111107	564	11,136	SH	DFND	1 4	11,136	0	0
NEW YORK TIMES CO	CL A	650111107	24,734	488,615	SH	DFND	1 3 4	488,615	0	0
NEWAGE INC	COM	650194103	40	13,836	SH	DFND	1 4	13,836	0	0
NEWELL BRANDS INC	COM	651229106	704	26,285	SH	DFND	1 4	26,285	0	0
NEWELL BRANDS INC	COM	651229106	47,078	1,757,957	SH	DFND	1 3 4	1,757,957	0	0
NEWMARK GROUP INC	CL A	65158N102	147	14,735	SH	DFND	1 4	14,735	0	0
NEWMARKET CORP	COM	651587107	11,523	30,312	SH	DFND	1 3 4	30,312	0	0
NEWMARKET CORP	COM	651587107	275	723	SH	DFND	1 4	723	0	0
NEWMONT CORP	COM	651639106	66,228	1,098,860	SH	DFND	1 3 4	1,098,860	0	0
NEWMONT CORP	COM	651639106	1,056	17,525	SH	DFND	1 4	17,525	0	0
NEWS CORP NEW	CL A	65249B109	11,384	447,667	SH	DFND	1 3 4	447,667	0	0
NEWS CORP NEW	CL A	65249B109	675	26,558	SH	DFND	1 4	26,558	0	0
NEWS CORP NEW	CL B	65249B208	201	8,568	SH	DFND	1 4	8,568	0	0
NEWS CORP NEW	CL B	65249B208	3,243	138,231	SH	DFND	1 3 4	138,231	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	8,267	179,357	SH	DFND	1 3 4	179,357	0	0

NEXSTAR MEDIA GROUP INC	CL A	65336K103	4,425	31,513	SH	DFND	1 3 4	31,513	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	599	4,263	SH	DFND	1 4	4,263	0	0
NEXTERA ENERGY INC	COM	65339F101	364,251	4,817,504	SH	DFND	1 3 4	4,801,059	0	16,445
NEXTERA ENERGY INC	COM	65339F101	3,223	42,623	SH	DFND	1 4	42,623	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	6,918	382,229	SH	DFND	1 3 4	382,229	0	0
NEXTIER OILFIELD SOLUTIONS	COM	65290C105	61	16,507	SH	DFND	1 4	16,507	0	0
NGM BIOPHARMACEUTICALS INC	COM	62921N105	445	15,291	SH	DFND	1 3 4	15,291	0	0
NIC INC	COM	62914B100	17,693	521,444	SH	DFND	1 3 4	521,444	0	0
NIC INC	COM	62914B100	476	14,035	SH	DFND	1 4	14,035	0	0
NICE LTD	SPONSORED ADR	653656108	66,865	306,761	SH	DFND	1 3 4	297,788	0	8,973
NIELSEN HLDGS PLC	SHS EUR	G6518L108	11,042	439,055	SH	DFND	1 3 4	439,055	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	613	24,385	SH	DFND	1 4	24,385	0	0
NIKE INC	CL B	654106103	12,563	94,540	SH	DFND	1 4	94,540	0	0
NIKE INC	CL B	654106103	460,732	3,467,015	SH	DFND	1 3 4	3,463,045	0	3,970
NIO INC	SPON ADS	62914V106	1,194	30,621	SH	DFND	1 3 4	30,621	0	0
NISOURCE INC	COM	65473P105	10,813	448,467	SH	DFND	1 3 4	448,467	0	0
NISOURCE INC	COM	65473P105	632	26,210	SH	DFND	1 4	26,210	0	0
NLIGHT INC	COM	65487K100	7,324	226,054	SH	DFND	1 3 4	226,054	0	0
NLIGHT INC	COM	65487K100	244	7,527	SH	DFND	1 4	7,527	0	0
NMI HLDGS INC	CL A	629209305	13,860	586,294	SH	DFND	1 3 4	586,294	0	0
NMI HLDGS INC	CL A	629209305	204	8,647	SH	DFND	1 4	8,647	0	0
NOODLES & CO	COM CL A	65540B105	1,459	140,999	SH	DFND	1 3 4	140,999	0	0
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	48	14,679	SH	DFND	1 4	14,679	0	0
NORDSON CORP	COM	655663102	1,194	6,011	SH	DFND	1 4	6,011	0	0
NORDSON CORP	COM	655663102	123,860	623,417	SH	DFND	1 3 4	621,348	0	2,069
NORDSTROM INC	COM	655664100	13,896	366,927	SH	DFND	1 3 4	366,927	0	0
NORDSTROM INC	COM	655664100	287	7,591	SH	DFND	1 4	7,591	0	0
NORFOLK SOUTHN CORP	COM	655844108	83,382	310,525	SH	DFND	1 3 4	310,525	0	0
NORFOLK SOUTHN CORP	COM	655844108	1,471	5,479	SH	DFND	1 4	5,479	0	0
NORTHERN LTS FD TR IV	INSPIRE 100ETF	66538H534	222	5,681	SH	SOLE		0	0	5,681
NORTHERN TR CORP	COM	665859104	28,229	268,569	SH	DFND	1 3 4	268,569	0	0
NORTHERN TR CORP	COM	665859104	1,374	13,070	SH	DFND	1 4	13,070	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	6,023	378,355	SH	DFND	1 3 4	378,355	0	0
NORTHROP GRUMMAN CORP	COM	666807102	3,626	11,205	SH	DFND	1 4	11,205	0	0
NORTHROP GRUMMAN CORP	COM	666807102	60,084	185,652	SH	DFND	1 3 4	185,652	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	12,608	872,529	SH	DFND	1 3 4	872,529	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	171	11,860	SH	DFND	1 4	11,860	0	0
NORTHWEST NAT HLDG CO	COM	66765N105	11,349	210,366	SH	DFND	1 3 4	210,366	0	0
NORTHWESTERN CORP	COM NEW	668074305	15,414	236,410	SH	DFND	1 3 4	236,410	0	0
NORTHWESTERN CORP	COM NEW	668074305	337	5,166	SH	DFND	1 4	5,166	0	0
NORTONLIFELOCK INC	COM	668771108	14,157	665,897	SH	DFND	1 3 4	665,897	0	0
NORTONLIFELOCK INC	COM	668771108	1,303	61,267	SH	DFND	1 4	61,267	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	29,075	1,053,817	SH	DFND	1 3 4	1,053,817	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	681	24,684	SH	DFND	1 4	24,684	0	0
NOVAGOLD RES INC	COM NEW	66987E206	427	48,736	SH	DFND	1 4	48,736	0	0
NOVANTA INC	COM	67000B104	963	7,300	SH	DFND	1 4	7,300	0	0

NOVARTIS AG	SPONSORED ADR	66987V109	144,208	1,687,040	SH	DFND	1 3 4	1,678,703	0	8,337
NOVAVAX INC	COM NEW	670002401	2,492	13,745	SH	DFND	1 3 4	13,745	0	0
NOVAVAX INC	COM NEW	670002401	1,473	8,126	SH	DFND	1 4	8,126	0	0
NOVOCURE LTD	ORD SHS	G6674U108	1,484	11,226	SH	DFND	1 4	11,226	0	0
NOVO-NORDISK A S	ADR	670100205	341	5,057	SH	DFND	1 3 4	357	0	4,700
NOW INC	COM	67011P100	7,625	755,709	SH	DFND	1 3 4	755,709	0	0
NOW INC	COM	67011P100	114	11,295	SH	DFND	1 4	11,295	0	0
NRG ENERGY INC	COM NEW	629377508	15,587	413,118	SH	DFND	1 3 4	413,118	0	0
NRG ENERGY INC	COM NEW	629377508	768	20,350	SH	DFND	1 4	20,350	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	11,991	226,712	SH	DFND	1 3 4	226,712	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	42,107	964,879	SH	DFND	1 3 4	964,879	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	840	19,242	SH	DFND	1 4	19,242	0	0
NUCOR CORP	COM	670346105	1,646	20,510	SH	DFND	1 4	20,510	0	0
NUCOR CORP	COM	670346105	36,247	451,569	SH	DFND	1 3 4	451,569	0	0
NUTANIX INC	CL A	67059N108	554	20,864	SH	DFND	1 4	20,864	0	0
NUVASIVE INC	COM	670704105	719	10,961	SH	DFND	1 4	10,961	0	0
NUVASIVE INC	COM	670704105	18,732	285,730	SH	DFND	1 3 4	285,730	0	0
NV5 GLOBAL INC	COM	62945V109	222	2,303	SH	DFND	1 4	2,303	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	37,484	1,343,033	SH	DFND	1 3 4	1,343,033	0	0
NVIDIA CORPORATION	COM	67066G104	601,573	1,126,689	SH	DFND	1 3 4	1,126,689	0	0
NVIDIA CORPORATION	COM	67066G104	23,993	44,936	SH	DFND	1 4	44,936	0	0
NVR INC	COM	62944T105	394,588	83,760	SH	DFND	1 3 4	83,760	0	0
NVR INC	COM	62944T105	1,131	240	SH	DFND	1 4	240	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	84,055	417,478	SH	DFND	1 3 4	417,478	0	0
OAK STR HEALTH INC	COM	67181A107	448	8,249	SH	DFND	1 4	8,249	0	0
OASIS PETROLEUM INC	COM NEW	674215207	9,165	154,320	SH	DFND	1 3 4	154,320	0	0
OCCIDENTAL PETE CORP	COM	674599105	1,517	56,989	SH	DFND	1 4	56,989	0	0
OCCIDENTAL PETE CORP	COM	674599105	31,565	1,185,756	SH	DFND	1 3 4	1,185,756	0	0
OCEANEERING INTL INC	COM	675232102	7,795	682,551	SH	DFND	1 3 4	682,551	0	0
OCEANEERING INTL INC	COM	675232102	117	10,221	SH	DFND	1 4	10,221	0	0
OCEANFIRST FINL CORP	COM	675234108	1,115	46,585	SH	DFND	1 3 4	46,585	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	229	13,984	SH	DFND	1 3 4	13,984	0	0
OCULAR THERAPEUTIX INC	COM	67576A100	255	15,545	SH	DFND	1 4	15,545	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	9,139	332,108	SH	DFND	1 3 4	332,108	0	0
OFB BANCORP	COM	67103X102	7,990	353,229	SH	DFND	1 3 4	353,229	0	0
OGE ENERGY CORP	COM	670837103	22,178	685,348	SH	DFND	1 3 4	685,348	0	0
OGE ENERGY CORP	COM	670837103	442	13,674	SH	DFND	1 4	13,674	0	0
O-I GLASS INC	COM	67098H104	17,839	1,210,229	SH	DFND	1 3 4	1,210,229	0	0
O-I GLASS INC	COM	67098H104	435	29,502	SH	DFND	1 4	29,502	0	0
OIL STS INTL INC	COM	678026105	2,530	419,554	SH	DFND	1 3 4	419,554	0	0
OKTA INC	CL A	679295105	252	1,144	SH	DFND	1 3 4	1,144	0	0
OKTA INC	CL A	679295105	2,859	12,972	SH	DFND	1 4	12,972	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	27,453	114,197	SH	DFND	1 3 4	114,197	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	2,498	10,392	SH	DFND	1 4	10,392	0	0
OLD NATL BANCORP IND	COM	680033107	22,022	1,138,674	SH	DFND	1 3 4	1,138,674	0	0
OLD NATL BANCORP IND	COM	680033107	324	16,743	SH	DFND	1 4	16,743	0	0
OLD REP INTL CORP	COM	680223104	21,351	977,614	SH	DFND	1 3 4	977,614	0	0
OLD REP INTL CORP	COM	680223104	423	19,368	SH	DFND	1 4	19,368	0	0
OLIN CORP	COM PAR \$1	680665205	21,275	560,305	SH	DFND	1 3 4	560,305	0	0
OLIN CORP	COM PAR \$1	680665205	370	9,750	SH	DFND	1 4	9,750	0	0

OLLIES BARGAIN OUTLET HLDGS	COM	681116109	16,686	191,796	SH	DFND	1 3 4	191,796	0	0
OLLIES BARGAIN OUTLET HLDGS	COM	681116109	514	5,908	SH	DFND	1 4	5,908	0	0
OLYMPIC STEEL INC	COM	68162K106	1,838	62,418	SH	DFND	1 3 4	62,418	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	28,690	783,244	SH	DFND	1 3 4	783,244	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	564	15,392	SH	DFND	1 4	15,392	0	0
OMEROS CORP	COM	682143102	247	13,874	SH	DFND	1 3 4	13,874	0	0
OMEROS CORP	COM	682143102	224	12,605	SH	DFND	1 4	12,605	0	0
OMNICELL COM	COM	68213N109	38,419	295,827	SH	DFND	1 3 4	295,827	0	0
OMNICELL COM	COM	68213N109	1,176	9,059	SH	DFND	1 4	9,059	0	0
OMNICOM GROUP INC	COM	681919106	18,250	246,120	SH	DFND	1 3 4	246,120	0	0
OMNICOM GROUP INC	COM	681919106	1,073	14,469	SH	DFND	1 4	14,469	0	0
ON SEMICONDUCTOR CORP	COM	682189105	1,149	27,616	SH	DFND	1 4	27,616	0	0
ONCOCYTE CORP	COM	68235C107	577	111,188	SH	DFND	1 3 4	111,188	0	0
ONCOCYTE CORP	COM	68235C107	79	15,199	SH	DFND	1 4	15,199	0	0
ONCONOVA THERAPEUTICS INC	COM PAR	68232V405	1,257	1,258,392	SH	DFND	1 3 4	1,258,392	0	0
ONE GAS INC	COM	68235P108	31,962	415,568	SH	DFND	1 3 4	414,059	0	1,509
ONE GAS INC	COM	68235P108	466	6,053	SH	DFND	1 4	6,053	0	0
ONEMAIN HLDGS INC	COM	68268W103	47,437	883,050	SH	DFND	1 3 4	883,050	0	0
ONEMAIN HLDGS INC	COM	68268W103	262	4,875	SH	DFND	1 4	4,875	0	0
ONEOK INC NEW	COM	682680103	27,450	541,855	SH	DFND	1 3 4	541,855	0	0
ONEOK INC NEW	COM	682680103	1,522	30,043	SH	DFND	1 4	30,043	0	0
ONESPAN INC	COM	68287N100	5,713	233,194	SH	DFND	1 3 4	233,194	0	0
ONESPAWORLD HOLDINGS LIMITED	COM	P73684113	778	73,083	SH	DFND	1 3 4	73,083	0	0
ONTO INNOVATION INC	COM	683344105	409	6,229	SH	DFND	1 4	6,229	0	0
ONTO INNOVATION INC	COM	683344105	22,054	335,621	SH	DFND	1 3 4	335,621	0	0
OPKO HEALTH INC	COM	68375N103	173	40,230	SH	DFND	1 4	40,230	0	0
OPKO HEALTH INC	COM	68375N103	4,829	1,125,639	SH	DFND	1 3 4	1,125,639	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	736	41,486	SH	DFND	1 3 4	41,486	0	0
OPTION CARE HEALTH INC	COM NEW	68404L201	312	17,615	SH	DFND	1 4	17,615	0	0
ORACLE CORP	COM	68389X105	200,416	2,856,144	SH	DFND	1 3 4	2,856,144	0	0
ORACLE CORP	COM	68389X105	8,998	128,235	SH	DFND	1 4	128,235	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	5,956	510,391	SH	DFND	1 3 4	510,391	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	145	12,454	SH	DFND	1 4	12,454	0	0
ORBCOMM INC	COM	68555P100	645	84,588	SH	DFND	1 3 4	84,588	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	895,109	1,764,630	SH	DFND	1 3 4	1,764,630	0	0
OREILLY AUTOMOTIVE INC	COM	67103H107	4,002	7,889	SH	DFND	1 4	7,889	0	0
ORION ENGINEERED CARBONS S A	COM	L72967109	720	36,490	SH	DFND	1 3 4	36,490	0	0
ORION ENGINEERED CARBONS S A	COM	L72967109	199	10,073	SH	DFND	1 4	10,073	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	733	9,338	SH	DFND	1 4	9,338	0	0
ORTHOFIX MED INC	COM	68752M108	6,634	153,032	SH	DFND	1 3 4	153,032	0	0
ORTHOPEDIATRICS CORP	COM	68752L100	894	18,348	SH	DFND	1 3 4	18,348	0	0
OSHKOSH CORP	COM	688239201	40,646	342,545	SH	DFND	1 3 4	342,545	0	0
OSHKOSH CORP	COM	688239201	549	4,629	SH	DFND	1 4	4,629	0	0
OSI SYSTEMS INC	COM	671044105	13,921	144,859	SH	DFND	1 3 4	144,859	0	0
OSI SYSTEMS INC	COM	671044105	347	3,612	SH	DFND	1 4	3,612	0	0
OTIS WORLDWIDE CORP	COM	68902V107	33,552	490,210	SH	DFND	1 3 4	490,210	0	0
OTIS WORLDWIDE CORP	COM	68902V107	1,898	27,722	SH	DFND	1 4	27,722	0	0

OTTER TAIL CORP	COM	689648103	263	5,688	SH	DFND	1 4	5,688	0	0
OUTFRONT MEDIA INC	COM	69007J106	218	10,004	SH	DFND	1 4	10,004	0	0
OVERSTOCK COM INC DEL	COM	690370101	544	8,215	SH	DFND	1 4	8,215	0	0
OVID THERAPEUTICS INC	COM	690469101	57	14,075	SH	DFND	1 3 4	14,075	0	0
OVINTIV INC	COM	69047Q102	631	26,484	SH	DFND	1 4	26,484	0	0
OWENS & MINOR INC NEW	COM	690732102	21,089	561,014	SH	DFND	1 3 4	561,014	0	0
OWENS & MINOR INC NEW	COM	690732102	279	7,415	SH	DFND	1 4	7,415	0	0
OWENS CORNING NEW	COM	690742101	51,389	558,024	SH	DFND	1 3 4	558,024	0	0
OWENS CORNING NEW	COM	690742101	673	7,311	SH	DFND	1 4	7,311	0	0
OXFORD INDS INC	COM	691497309	11,091	126,871	SH	DFND	1 3 4	126,871	0	0
PACCAR INC	COM	693718108	354,376	3,813,775	SH	DFND	1 3 4	3,805,853	0	7,922
PACCAR INC	COM	693718108	2,146	23,096	SH	DFND	1 4	23,096	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	1,329	39,907	SH	DFND	1 3 4	39,907	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	1,209	36,309	SH	DFND	1 4	36,309	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	31,560	726,519	SH	DFND	1 3 4	726,519	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	354	8,149	SH	DFND	1 4	8,149	0	0
PACIRA BIOSCIENCES INC	COM	695127100	637	9,095	SH	DFND	1 4	9,095	0	0
PACIRA BIOSCIENCES INC	COM	695127100	27,630	394,214	SH	DFND	1 3 4	394,214	0	0
PACKAGING CORP AMER	COM	695156109	65,544	487,392	SH	DFND	1 3 4	486,988	0	404
PACKAGING CORP AMER	COM	695156109	862	6,410	SH	DFND	1 4	6,410	0	0
PAE INC	COM CL A	69290Y109	116	12,915	SH	DFND	1 4	12,915	0	0
PAGERDUTY INC	COM	69553P100	312	7,767	SH	DFND	1 4	7,767	0	0
PALO ALTO NETWORKS INC	COM	697435105	292	908	SH	DFND	1 3 4	908	0	0
PALO ALTO NETWORKS INC	COM	697435105	3,439	10,678	SH	DFND	1 4	10,678	0	0
PALOMAR HLDGS INC	COM	69753M105	13,216	197,140	SH	DFND	1 3 4	197,140	0	0
PALOMAR HLDGS INC	COM	69753M105	290	4,323	SH	DFND	1 4	4,323	0	0
PAPA JOHNS INTL INC	COM	698813102	35,729	403,078	SH	DFND	1 3 4	402,708	0	370
PAPA JOHNS INTL INC	COM	698813102	569	6,415	SH	DFND	1 4	6,415	0	0
PAR PAC HOLDINGS INC	COM NEW	69888T207	4,331	306,721	SH	DFND	1 3 4	306,721	0	0
PAR TECHNOLOGY CORP	COM	698884103	266	4,063	SH	DFND	1 4	4,063	0	0
PARAMOUNT GROUP INC	COM	69924R108	4,205	415,109	SH	DFND	1 3 4	415,109	0	0
PARAMOUNT GROUP INC	COM	69924R108	138	13,630	SH	DFND	1 4	13,630	0	0
PARK AEROSPACE CORP	COM	70014A104	1,704	128,875	SH	DFND	1 3 4	128,875	0	0
PARK HOTELS & RESORTS INC	COM	700517105	21,423	992,715	SH	DFND	1 3 4	992,715	0	0
PARK HOTELS & RESORTS INC	COM	700517105	346	16,037	SH	DFND	1 4	16,037	0	0
PARK HOTELS & RESORTS INC	COM	700517105	145,556	6,744,963	SH	DFND	2 3 4	6,744,963	0	0
PARK NATL CORP	COM	700658107	12,613	97,552	SH	DFND	1 3 4	97,552	0	0
PARKER-HANNIFIN CORP	COM	701094104	2,748	8,711	SH	DFND	1 4	8,711	0	0
PARKER-HANNIFIN CORP	COM	701094104	407,595	1,292,188	SH	DFND	1 3 4	1,289,368	0	2,820
PARSONS CORPORATION	COM	70202L102	3,585	88,658	SH	DFND	1 3 4	88,658	0	0
PATRICK INDS INC	COM	703343103	394	4,633	SH	DFND	1 4	4,633	0	0
PATRICK INDS INC	COM	703343103	15,047	177,032	SH	DFND	1 3 4	177,032	0	0
PATTERSON COS INC	COM	703395103	14,469	452,863	SH	DFND	1 3 4	452,863	0	0

PATTERSON COS INC	COM	703395103	276	8,651	SH	DFND	1 4	8,651	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	10,967	1,538,215	SH	DFND	1 3 4	1,538,215	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	134	18,750	SH	DFND	1 4	18,750	0	0
PAVMED INC	COM	70387R106	59	13,313	SH	DFND	1 4	13,313	0	0
PAYCHEX INC	COM	704326107	36,261	369,939	SH	DFND	1 3 4	369,939	0	0
PAYCHEX INC	COM	704326107	3,248	33,132	SH	DFND	1 4	33,132	0	0
PAYCOM SOFTWARE INC	COM	70432V102	2,041	5,514	SH	DFND	1 4	5,514	0	0
PAYCOM SOFTWARE INC	COM	70432V102	36,492	98,612	SH	DFND	1 3 4	98,612	0	0
PAYLOCITY HLDG CORP	COM	70438V106	773	4,298	SH	DFND	1 4	4,298	0	0
PAYLOCITY HLDG CORP	COM	70438V106	22,736	126,431	SH	DFND	1 3 4	126,431	0	0
PAYPAL HLDGS INC	COM	70450Y103	877,869	3,615,008	SH	DFND	1 3 4	3,611,920	0	3,088
PAYPAL HLDGS INC	COM	70450Y103	21,683	89,288	SH	DFND	1 4	89,288	0	0
PBF ENERGY INC	CL A	69318G106	13,724	969,923	SH	DFND	1 3 4	969,923	0	0
PC CONNECTION INC	COM	69318J100	3,899	84,056	SH	DFND	1 3 4	84,056	0	0
PDC ENERGY INC	COM	69327R101	31,937	928,421	SH	DFND	1 3 4	928,421	0	0
PDC ENERGY INC	COM	69327R101	347	10,096	SH	DFND	1 4	10,096	0	0
PDF SOLUTIONS INC	COM	693282105	3,581	201,409	SH	DFND	1 3 4	201,409	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	1,261	51,900	SH	DFND	2 3 4	51,900	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	43,822	1,804,115	SH	DFND	1 3 4	1,804,115	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	323	13,284	SH	DFND	1 4	13,284	0	0
PEGASYSYSTEMS INC	COM	705573103	485	4,242	SH	DFND	1 4	4,242	0	0
PELTON INTERACTIVE INC	CL A COM	70614W100	2,253	20,034	SH	DFND	1 4	20,034	0	0
PELTON INTERACTIVE INC	CL A COM	70614W100	255	2,270	SH	DFND	1 3 4	2,270	0	0
PENN NATL GAMING INC	COM	707569109	29,869	284,903	SH	DFND	1 3 4	284,903	0	0
PENN NATL GAMING INC	COM	707569109	2,574	24,549	SH	DFND	1 4	24,549	0	0
PENN VA CORP	COM	70788V102	1,400	104,472	SH	DFND	1 3 4	104,472	0	0
PENNANT GROUP INC	COM	70805E109	8,289	180,995	SH	DFND	1 3 4	180,995	0	0
PENNANT GROUP INC	COM	70805E109	249	5,437	SH	DFND	1 4	5,437	0	0
PENNYMAC FINL SVCS INC NEW	COM	70932M107	326	4,869	SH	DFND	1 4	4,869	0	0
PENNYMAC MTG INVT TR	COM	70931T103	13,189	672,894	SH	DFND	1 3 4	672,894	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	2,300	28,667	SH	DFND	1 3 4	28,667	0	0
PENTAIR PLC	SHS	G7S00T104	19,634	315,047	SH	DFND	1 3 4	315,047	0	0
PENTAIR PLC	SHS	G7S00T104	704	11,294	SH	DFND	1 4	11,294	0	0
PENUMBRA INC	COM	70975L107	33,101	122,334	SH	DFND	1 3 4	122,334	0	0
PENUMBRA INC	COM	70975L107	1,001	3,700	SH	DFND	1 4	3,700	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	14,403	804,661	SH	DFND	1 3 4	804,661	0	0
PEOPLES UNITED FINANCIAL INC	COM	712704105	517	28,910	SH	DFND	1 4	28,910	0	0
PEPSICO INC	COM	713448108	296,940	2,099,257	SH	DFND	1 3 4	2,099,257	0	0
PEPSICO INC	COM	713448108	12,098	85,528	SH	DFND	1 4	85,528	0	0
PERDOCEO ED CORP	COM	71363P106	5,759	481,537	SH	DFND	1 3 4	481,537	0	0
PERDOCEO ED CORP	COM	71363P106	177	14,766	SH	DFND	1 4	14,766	0	0
PERFICIENT INC	COM	71375U101	16,100	274,183	SH	DFND	1 3 4	274,183	0	0
PERFICIENT INC	COM	71375U101	408	6,949	SH	DFND	1 4	6,949	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	49,037	851,194	SH	DFND	1 3 4	851,194	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	765	13,275	SH	DFND	1 4	13,275	0	0
PERKINELMER INC	COM	714046109	1,100	8,575	SH	DFND	1 4	8,575	0	0
PERKINELMER INC	COM	714046109	30,204	235,435	SH	DFND	1 3 4	235,435	0	0
PERRIGO CO PLC	SHS	G97822103	6,902	170,550	SH	DFND	1 3 4	170,550	0	0

PERRIGO CO PLC	SHS	G97822103	378	9,341	SH	DFND	1 4	9,341	0	0
PERSONALIS INC	COM	71535D106	1,032	41,942	SH	DFND	1 3 4	41,942	0	0
PERSPECTA INC	COM	715347100	13,403	461,382	SH	DFND	1 3 4	461,382	0	0
PERSPECTA INC	COM	715347100	785	27,030	SH	DFND	1 4	27,030	0	0
PETIQ INC	COM CL A	71639T106	1,611	45,686	SH	DFND	1 3 4	45,686	0	0
PETMED EXPRESS INC	COM	716382106	4,901	139,325	SH	DFND	1 3 4	139,325	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	6,407	755,600	SH	DFND	1 3 4	755,600	0	0
PFIZER INC	COM	717081103	4,394	121,274	SH	DFND	1 4	121,274	0	0
PFIZER INC	COM	717081103	406,516	11,220,423	SH	DFND	1 3 4	11,211,491	0	8,932
PG&E CORP	COM	69331C108	1,055	90,099	SH	DFND	1 4	90,099	0	0
PG&E CORP	COM	69331C108	166	14,157	SH	DFND	1 3 4	14,157	0	0
PGT INNOVATIONS INC	COM	69336V101	11,387	450,982	SH	DFND	1 3 4	450,982	0	0
PGT INNOVATIONS INC	COM	69336V101	212	8,384	SH	DFND	1 4	8,384	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	17,516	717,845	SH	DFND	1 3 4	717,142	0	703
PHILIP MORRIS INTL INC	COM	718172109	160,177	1,805,011	SH	DFND	1 3 4	1,805,011	0	0
PHILIP MORRIS INTL INC	COM	718172109	3,007	33,881	SH	DFND	1 4	33,881	0	0
PHILLIPS 66	COM	718546104	51,787	635,113	SH	DFND	1 3 4	635,113	0	0
PHILLIPS 66	COM	718546104	776	9,517	SH	DFND	1 4	9,517	0	0
PHOTRONICS INC	COM	719405102	5,605	435,863	SH	DFND	1 3 4	435,863	0	0
PHREESIA INC	COM	71944F106	379	7,270	SH	DFND	1 4	7,270	0	0
PHYSICIANS RLTY TR	COM	71943U104	12,540	709,673	SH	DFND	1 3 4	709,673	0	0
PHYSICIANS RLTY TR	COM	71943U104	373	21,116	SH	DFND	1 4	21,116	0	0
PHYSICIANS RLTY TR	COM	71943U104	875	49,503	SH	DFND	2 3 4	49,503	0	0
PIEDMONT LITHIUM LTD	SPONSORED ADS	720162106	11,638	167,475	SH	DFND	1 3 4	167,475	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	218	12,558	SH	DFND	1 4	12,558	0	0
PIERIS PHARMACEUTICALS INC	COM	720795103	29	11,272	SH	DFND	1 4	11,272	0	0
PILGRIMS PRIDE CORP	COM	72147K108	6,345	266,692	SH	DFND	1 3 4	266,692	0	0
PIMCO ETF TR	ACTIVE BD ETF	72201R775	452	4,133	SH	SOLE		0	0	4,133
PINDUODUO INC	SPONSORED ADS	722304102	2,472	18,465	SH	DFND	1 3 4	18,465	0	0
PING IDENTITY HLDG CORP	COM	72341T103	5,599	255,300	SH	DFND	1 3 4	255,300	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	46,820	528,084	SH	DFND	1 3 4	528,084	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	447	5,047	SH	DFND	1 4	5,047	0	0
PINNACLE WEST CAP CORP	COM	723484101	10,494	128,998	SH	DFND	1 3 4	128,998	0	0
PINNACLE WEST CAP CORP	COM	723484101	626	7,696	SH	DFND	1 4	7,696	0	0
PINTEREST INC	CL A	72352L106	15,206	205,413	SH	DFND	1 3 4	205,413	0	0
PINTEREST INC	CL A	72352L106	3,122	42,177	SH	DFND	1 4	42,177	0	0
PIONEER NAT RES CO	COM	723787107	64,402	405,506	SH	DFND	1 3 4	405,506	0	0
PIONEER NAT RES CO	COM	723787107	2,177	13,710	SH	DFND	1 4	13,710	0	0
PIPER SANDLER COMPANIES	COM	724078100	40,709	371,261	SH	DFND	1 3 4	371,261	0	0
PITNEY BOWES INC	COM	724479100	10,713	1,300,144	SH	DFND	1 3 4	1,300,144	0	0
PITNEY BOWES INC	COM	724479100	208	25,195	SH	DFND	1 4	25,195	0	0
PJT PARTNERS INC	COM CL A	69343T107	336	4,964	SH	DFND	1 4	4,964	0	0
PLANET FITNESS INC	CL A	72703H101	14,177	183,400	SH	DFND	1 3 4	183,400	0	0
PLANET FITNESS INC	CL A	72703H101	585	7,572	SH	DFND	1 4	7,572	0	0
PLANTRONICS INC NEW	COM	727493108	10,042	258,075	SH	DFND	1 3 4	258,075	0	0
PLEXUS CORP	COM	729132100	18,191	198,076	SH	DFND	1 3 4	198,076	0	0
PLEXUS CORP	COM	729132100	501	5,450	SH	DFND	1 4	5,450	0	0
PLIANT THERAPEUTICS INC	COM	729139105	340	8,635	SH	DFND	1 3 4	8,635	0	0



PLUG POWER INC	COM NEW	72919P202	3,151	87,914	SH	DFND	1 4	87,914	0	0
PLURALSIGHT INC	COM CL A	72941B106	307	13,730	SH	DFND	1 4	13,730	0	0
PLYMOUTH INDL REIT INC	COM	729640102	4,070	241,563	SH	DFND	2 3 4	241,563	0	0
PMV PHARMACEUTICALS INC	COM	69353Y103	6,526	198,422	SH	DFND	1 3 4	198,422	0	0
PNC FINL SVCS GROUP INC	COM	693475105	359,771	2,051,029	SH	DFND	1 3 4	2,044,349	0	6,680
PNC FINL SVCS GROUP INC	COM	693475105	1,624	9,257	SH	DFND	1 4	9,257	0	0
PNM RES INC	COM	69349H107	14,192	289,346	SH	DFND	1 3 4	289,346	0	0
PNM RES INC	COM	69349H107	425	8,662	SH	DFND	1 4	8,662	0	0
POLARIS INC	COM	731068102	571	4,278	SH	DFND	1 4	4,278	0	0
POLARIS INC	COM	731068102	26,531	198,737	SH	DFND	1 3 4	198,737	0	0
POOL CORP	COM	73278L105	1,507	4,366	SH	DFND	1 4	4,366	0	0
POOL CORP	COM	73278L105	16,774	48,586	SH	DFND	1 3 4	48,586	0	0
POPULAR INC	COM NEW	733174700	2,430	34,550	SH	DFND	1 3 4	34,550	0	0
POPULAR INC	COM NEW	733174700	403	5,737	SH	DFND	1 4	5,737	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	40,079	844,283	SH	DFND	1 3 4	844,055	0	228
PORTLAND GEN ELEC CO	COM NEW	736508847	432	9,105	SH	DFND	1 4	9,105	0	0
POST HLDGS INC	COM	737446104	21,328	201,736	SH	DFND	1 3 4	201,736	0	0
POST HLDGS INC	COM	737446104	440	4,158	SH	DFND	1 4	4,158	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	11,934	225,513	SH	DFND	1 3 4	225,513	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	353	6,673	SH	DFND	1 4	6,673	0	0
POWELL INDS INC	COM	739128106	2,363	69,762	SH	DFND	1 3 4	69,762	0	0
POWER INTEGRATIONS INC	COM	739276103	38,033	466,774	SH	DFND	1 3 4	466,774	0	0
POWER INTEGRATIONS INC	COM	739276103	1,025	12,575	SH	DFND	1 4	12,575	0	0
PPD INC	COM	69355F102	632	16,699	SH	DFND	1 4	16,699	0	0
PPG INDS INC	COM	693506107	193,708	1,289,150	SH	DFND	1 3 4	1,286,444	0	2,706
PPG INDS INC	COM	693506107	2,413	16,060	SH	DFND	1 4	16,060	0	0
PPL CORP	COM	69351T106	25,386	880,240	SH	DFND	1 3 4	880,240	0	0
PPL CORP	COM	69351T106	1,513	52,478	SH	DFND	1 4	52,478	0	0
PQ GROUP HLDGS INC	COM	73943T103	660	39,523	SH	DFND	1 3 4	39,523	0	0
PRA GROUP INC	COM	69354N106	11,617	313,372	SH	DFND	1 3 4	313,372	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	33,351	217,509	SH	DFND	1 3 4	217,509	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	1,022	6,668	SH	DFND	1 4	6,668	0	0
PRECIGEN INC	COM	74017N105	94	13,713	SH	DFND	1 4	13,713	0	0
PRECIGEN INC	COM	74017N105	264	38,284	SH	DFND	1 3 4	38,284	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	4,336	418,900	SH	DFND	1 3 4	418,900	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	6,803	106,832	SH	DFND	1 3 4	106,832	0	0
PREMIER FINANCIAL CORP	COM	74052F108	879	26,443	SH	DFND	1 3 4	26,443	0	0
PREMIER INC	CL A	74051N102	2,485	73,401	SH	DFND	1 3 4	73,401	0	0
PREMIER INC	CL A	74051N102	280	8,269	SH	DFND	1 4	8,269	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	18,007	408,499	SH	DFND	1 3 4	408,499	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	314	7,126	SH	DFND	1 4	7,126	0	0
PRICE T ROWE GROUP INC	COM	74144T108	49,472	288,296	SH	DFND	1 3 4	288,296	0	0
PRICE T ROWE GROUP INC	COM	74144T108	3,076	17,928	SH	DFND	1 4	17,928	0	0
PRICESMART INC	COM	741511109	16,883	174,505	SH	DFND	1 3 4	174,505	0	0
PRICESMART INC	COM	741511109	238	2,465	SH	DFND	1 4	2,465	0	0

PRIMERICA INC	COM	74164M108	20,949	141,719	SH	DFND	1 3 4	141,719	0	0
PRIMERICA INC	COM	74164M108	565	3,822	SH	DFND	1 4	3,822	0	0
PRIMO WATER CORPORATION	COM	74167P108	259	15,948	SH	DFND	1 4	15,948	0	0
PRIMORIS SVCS CORP	COM	74164F103	267	8,048	SH	DFND	1 4	8,048	0	0
PRINCIPAL EXCHANGE-TRADED FD	HEALTHCARE INDX	74255Y409	75,170	1,300,000	SH	DFND	1 3 4	1,300,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SM MLT FC ETF	74255Y607	12,030	272,708	SH	SOLE		0	0	272,708
PRINCIPAL EXCHANGE-TRADED FD	SPECTRUM TAX ADV	74255Y763	21,202	995,521	SH	DFND	1 4	995,521	0	0
PRINCIPAL EXCHANGE-TRADED FD	INTL MLTFCTR ETF	74255Y797	17,503	581,897	SH	DFND	1 4	581,897	0	0
PRINCIPAL EXCHANGE-TRADED FD	ULTRA SHT ACTV	74255Y813	9,912	399,681	SH	DFND	1 4	399,681	0	0
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CP ETF	74255Y870	23,361	632,815	SH	SOLE		0	0	632,815
PRINCIPAL FINANCIAL GROUP IN	COM	74251V102	17,413	290,416	SH	DFND	1 3 4	290,416	0	0
PROASSURANCE CORP	COM	74267C106	9,912	370,391	SH	DFND	1 3 4	370,391	0	0
PROCTER AND GAMBLE CO	COM	742718109	15,197	112,215	SH	DFND	1 4	112,215	0	0
PROCTER AND GAMBLE CO	COM	742718109	461,036	3,404,238	SH	DFND	1 3 4	3,404,238	0	0
PROG HOLDINGS INC	COM NPV	74319R101	342	7,894	SH	DFND	1 4	7,894	0	0
PROG HOLDINGS INC	COM NPV	74319R101	32,015	739,549	SH	DFND	1 3 4	734,164	0	5,385
PROGRESS SOFTWARE CORP	COM	743312100	15,624	354,614	SH	DFND	1 3 4	354,614	0	0
PROGRESS SOFTWARE CORP	COM	743312100	416	9,449	SH	DFND	1 4	9,449	0	0
PROGRESSIVE CORP	COM	743315103	372,711	3,898,235	SH	DFND	1 3 4	3,894,153	0	4,082
PROGRESSIVE CORP	COM	743315103	2,094	21,900	SH	DFND	1 4	21,900	0	0
PROGYNY INC	COM	74340E103	867	19,477	SH	DFND	1 3 4	19,477	0	0
PROGYNY INC	COM	74340E103	254	5,696	SH	DFND	1 4	5,696	0	0
PROLOGIS INC.	COM	74340W103	152,666	1,440,245	SH	DFND	1 3 4	1,435,561	0	4,684
PROLOGIS INC.	COM	74340W103	1,704	16,073	SH	DFND	1 4	16,073	0	0
PROLOGIS INC.	COM	74340W103	1,399,052	13,198,602	SH	DFND	2 3 4	13,198,602	0	0
PROOFPOINT INC	COM	743424103	801	6,365	SH	DFND	1 4	6,365	0	0
PROPETRO HLDG CORP	COM	74347M108	6,685	627,150	SH	DFND	1 3 4	627,150	0	0
PROS HOLDINGS INC	COM	74346Y103	365	8,587	SH	DFND	1 4	8,587	0	0
PROSHARES TR	SHRT 20+YR TRE	74347X849	307	16,931	SH	SOLE		0	0	16,931
PROSPERITY BANCSHARES INC	COM	743606105	23,454	313,173	SH	DFND	1 3 4	313,173	0	0
PROSPERITY BANCSHARES INC	COM	743606105	457	6,103	SH	DFND	1 4	6,103	0	0
PROTAGONIST THERAPEUTICS INC	COM	74366E102	212	8,176	SH	DFND	1 3 4	8,176	0	0
PROTHENA CORP PLC	SHS	G72800108	679	27,045	SH	DFND	1 3 4	27,045	0	0
PROTO LABS INC	COM	743713109	23,099	189,727	SH	DFND	1 3 4	189,727	0	0
PROTO LABS INC	COM	743713109	694	5,704	SH	DFND	1 4	5,704	0	0
PROVENTION BIO INC	COM	74374N102	131	12,505	SH	DFND	1 3 4	12,505	0	0
PROVENTION BIO INC	COM	74374N102	119	11,317	SH	DFND	1 4	11,317	0	0
PROVIDENT FINL SVCS INC	COM	74386T105	33,824	1,518,147	SH	DFND	1 3 4	1,518,147	0	0
PRUDENTIAL FINL INC	COM	744320102	2,455	26,945	SH	DFND	1 4	26,945	0	0
PRUDENTIAL FINL INC	COM	744320102	47,299	519,198	SH	DFND	1 3 4	519,198	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	19,683	127,335	SH	DFND	1 3 4	127,335	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	663	4,288	SH	DFND	1 4	4,288	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	154,584	1,000,024	SH	DFND	2 3 4	1,000,024	0	0
PTC INC	COM	69370C100	49,010	356,050	SH	DFND	1 3 4	356,050	0	0
PTC INC	COM	69370C100	1,615	11,732	SH	DFND	1 4	11,732	0	0

PTC THERAPEUTICS INC	COM	69366J200	712	15,047	SH	DFND	1 3 4	15,047	0	0
PTC THERAPEUTICS INC	COM	69366J200	624	13,182	SH	DFND	1 4	13,182	0	0
PUBLIC STORAGE	COM	74460D109	80,778	327,351	SH	DFND	2 3 4	327,351	0	0
PUBLIC STORAGE	COM	74460D109	48,025	194,623	SH	DFND	1 3 4	194,623	0	0
PUBLIC STORAGE	COM	74460D109	2,128	8,623	SH	DFND	1 4	8,623	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	34,812	578,177	SH	DFND	1 3 4	578,177	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	2,072	34,407	SH	DFND	1 4	34,407	0	0
PULTE GROUP INC	COM	745867101	20,743	395,559	SH	DFND	1 3 4	395,559	0	0
PULTE GROUP INC	COM	745867101	952	18,161	SH	DFND	1 4	18,161	0	0
PUMA BIOTECHNOLOGY INC	COM	74587V107	872	89,683	SH	DFND	1 3 4	89,683	0	0
PURE STORAGE INC	CL A	74624M102	492	22,836	SH	DFND	1 4	22,836	0	0
PURPLE INNOVATION INC	COM	74640Y106	28,714	907,250	SH	DFND	1 3 4	907,250	0	0
PURPLE INNOVATION INC	COM	74640Y106	219	6,920	SH	DFND	1 4	6,920	0	0
PVH CORPORATION	COM	693656100	8,531	80,709	SH	DFND	1 3 4	80,709	0	0
PVH CORPORATION	COM	693656100	507	4,801	SH	DFND	1 4	4,801	0	0
Q2 HLDGS INC	COM	74736L109	1,076	10,740	SH	DFND	1 4	10,740	0	0
QIAGEN NV	SHS NEW	N72482123	749	15,390	SH	DFND	1 4	15,390	0	0
QORVO INC	COM	74736K101	1,427	7,812	SH	DFND	1 4	7,812	0	0
QORVO INC	COM	74736K101	48,222	263,941	SH	DFND	1 3 4	263,941	0	0
QTS RLTY TR INC	COM CL A	74736A103	823	13,273	SH	DFND	1 4	13,273	0	0
QUAKER CHEM CORP	COM	747316107	22,136	90,807	SH	DFND	1 3 4	90,807	0	0
QUAKER CHEM CORP	COM	747316107	691	2,836	SH	DFND	1 4	2,836	0	0
QUALCOMM INC	COM	747525103	174,718	1,317,731	SH	DFND	1 3 4	1,317,731	0	0
QUALCOMM INC	COM	747525103	11,346	85,574	SH	DFND	1 4	85,574	0	0
QUALTRICS INTL INC	COM CL A	747601201	771	23,442	SH	DFND	1 3 4	23,442	0	0
QUALYS INC	COM	74758T303	11,906	113,630	SH	DFND	1 3 4	113,630	0	0
QUALYS INC	COM	74758T303	761	7,261	SH	DFND	1 4	7,261	0	0
QUANEX BUILDING PRODUCTS COR	COM	747619104	13,638	519,944	SH	DFND	1 3 4	519,944	0	0
QUANTA SVCS INC	COM	74762E102	16,636	189,094	SH	DFND	1 3 4	189,094	0	0
QUANTA SVCS INC	COM	74762E102	931	10,587	SH	DFND	1 4	10,587	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	1,167	9,095	SH	DFND	1 4	9,095	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	21,434	167,006	SH	DFND	1 3 4	167,006	0	0
QUIDEL CORP	COM	74838J101	16,602	129,777	SH	DFND	1 3 4	129,777	0	0
QUIDEL CORP	COM	74838J101	536	4,193	SH	DFND	1 4	4,193	0	0
QUINSTREET INC	COM	74874Q100	6,841	337,010	SH	DFND	1 3 4	337,010	0	0
QUOTIENT LTD	SHS	G73268107	58	15,846	SH	DFND	1 4	15,846	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	1,012	61,930	SH	DFND	1 3 4	61,930	0	0
QUOTIENT TECHNOLOGY INC	COM	749119103	233	14,256	SH	DFND	1 4	14,256	0	0
QURATE RETAIL INC	COM SER A	74915M100	1,352	114,934	SH	DFND	1 3 4	114,934	0	0
QURATE RETAIL INC	COM SER A	74915M100	305	25,903	SH	DFND	1 4	25,903	0	0
R1 RCM INC	COM	749397105	20,813	843,328	SH	DFND	1 3 4	843,328	0	0
R1 RCM INC	COM	749397105	571	23,149	SH	DFND	1 4	23,149	0	0
RADIAN GROUP INC	COM	750236101	7,947	341,795	SH	DFND	1 3 4	341,795	0	0
RADIAN GROUP INC	COM	750236101	450	19,366	SH	DFND	1 4	19,366	0	0
RADIUS HEALTH INC	COM NEW	750469207	1,566	75,054	SH	DFND	1 3 4	75,054	0	0
RADIUS HEALTH INC	COM NEW	750469207	207	9,940	SH	DFND	1 4	9,940	0	0
RADNET INC	COM	750491102	6,656	306,028	SH	DFND	1 3 4	306,028	0	0
RADNET INC	COM	750491102	207	9,516	SH	DFND	1 4	9,516	0	0
RALPH LAUREN CORP	CL A	751212101	7,039	57,155	SH	DFND	1 3 4	57,155	0	0
RALPH LAUREN CORP	CL A	751212101	398	3,230	SH	DFND	1 4	3,230	0	0
RAMBUS INC DEL	COM	750917106	14,929	767,928	SH	DFND	1 3 4	767,928	0	0
RAMBUS INC DEL	COM	750917106	223	11,474	SH	DFND	1 4	11,474	0	0

RANGE RES CORP	COM	75281A109	18,358	1,777,172	SH	DFND	1 3 4	1,777,172	0	0
RANGE RES CORP	COM	75281A109	226	21,874	SH	DFND	1 4	21,874	0	0
RAPID7 INC	COM	753422104	823	11,029	SH	DFND	1 4	11,029	0	0
RAVEN INDS INC	COM	754212108	9,446	246,430	SH	DFND	1 3 4	246,430	0	0
RAYMOND JAMES FINL INC	COM	754730109	85,058	694,012	SH	DFND	1 3 4	693,312	0	700
RAYMOND JAMES FINL INC	COM	754730109	1,021	8,331	SH	DFND	1 4	8,331	0	0
RAYONIER ADVANCED MATLS INC	COM	75508B104	3,950	435,478	SH	DFND	1 3 4	435,478	0	0
RAYONIER INC	COM	754907103	20,899	648,047	SH	DFND	1 3 4	648,047	0	0
RAYONIER INC	COM	754907103	293	9,088	SH	DFND	1 4	9,088	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	135,216	1,749,919	SH	DFND	1 3 4	1,749,919	0	0
RAYTHEON TECHNOLOGIES CORP	COM	75513E101	2,406	31,140	SH	DFND	1 4	31,140	0	0
RBC BEARINGS INC	COM	75524B104	1,034	5,257	SH	DFND	1 4	5,257	0	0
RE MAX HLDGS INC	CL A	75524W108	5,029	127,675	SH	DFND	1 3 4	127,675	0	0
READY CAPITAL CORP	COM	75574U101	5,379	400,854	SH	DFND	1 3 4	400,854	0	0
REALOGY HLDGS CORP	COM	75605Y106	176	11,600	SH	DFND	1 4	11,600	0	0
REALOGY HLDGS CORP	COM	75605Y106	16,133	1,066,316	SH	DFND	1 3 4	1,066,316	0	0
REALPAGE INC	COM	75606N109	573	6,574	SH	DFND	1 3 4	6,574	0	0
REALPAGE INC	COM	75606N109	815	9,346	SH	DFND	1 4	9,346	0	0
REALTY INCOME CORP	COM	756109104	147,490	2,322,669	SH	DFND	1 3 4	2,317,696	0	4,973
REALTY INCOME CORP	COM	756109104	1,611	25,377	SH	DFND	1 4	25,377	0	0
REATA PHARMACEUTICALS INC	CL A	75615P103	633	6,349	SH	DFND	1 3 4	6,349	0	0
REATA PHARMACEUTICALS INC	CL A	75615P103	266	2,666	SH	DFND	1 4	2,666	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	4,270	107,049	SH	DFND	1 3 4	107,049	0	0
RED ROCK RESORTS INC	CL A	75700L108	397	12,193	SH	DFND	1 4	12,193	0	0
REDFIN CORP	COM	75737F108	1,416	21,271	SH	DFND	1 4	21,271	0	0
REDWOOD TR INC	COM	758075402	8,020	770,402	SH	DFND	1 3 4	770,402	0	0
REDWOOD TR INC	COM	758075402	119	11,441	SH	DFND	1 4	11,441	0	0
REGAL BELOIT CORP	COM	758750103	394	2,763	SH	DFND	1 4	2,763	0	0
REGAL BELOIT CORP	COM	758750103	25,587	179,330	SH	DFND	1 3 4	179,330	0	0
REGENCY CTRS CORP	COM	758849103	19,828	349,632	SH	DFND	1 3 4	349,632	0	0
REGENCY CTRS CORP	COM	758849103	654	11,529	SH	DFND	1 4	11,529	0	0
REGENCY CTRS CORP	COM	758849103	305,562	5,388,161	SH	DFND	2 3 4	5,388,161	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	58,927	124,545	SH	DFND	1 3 4	124,545	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	3,485	7,365	SH	DFND	1 4	7,365	0	0
REGENXBIO INC	COM	75901B107	8,453	247,811	SH	DFND	1 3 4	247,811	0	0
REGENXBIO INC	COM	75901B107	281	8,249	SH	DFND	1 4	8,249	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	1,351	65,405	SH	DFND	1 4	65,405	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	28,379	1,373,637	SH	DFND	1 3 4	1,373,637	0	0
REGIS CORP MINN	COM	758932107	2,101	167,258	SH	DFND	1 3 4	167,258	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	36,077	286,212	SH	DFND	1 3 4	286,212	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	584	4,633	SH	DFND	1 4	4,633	0	0
RELAY THERAPEUTICS INC	COM	75943R102	301	8,703	SH	DFND	1 4	8,703	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	38,708	254,173	SH	DFND	1 3 4	254,173	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	660	4,334	SH	DFND	1 4	4,334	0	0
RENAISSANCERE HLDGS LTD	COM	G7496G103	27,466	171,396	SH	DFND	1 3 4	171,396	0	0

RENAISSANCERE HLDGS LTD	COM	G7496G103	669	4,177	SH	DFND	1 4	4,177	0	0
RENASANT CORP	COM	75970E107	18,040	435,959	SH	DFND	1 3 4	435,959	0	0
RENASANT CORP	COM	75970E107	228	5,511	SH	DFND	1 4	5,511	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	288	4,364	SH	DFND	1 4	4,364	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	20,111	304,535	SH	DFND	1 3 4	304,535	0	0
RENT A CTR INC NEW	COM	76009N100	21,871	379,310	SH	DFND	1 3 4	379,310	0	0
RENT A CTR INC NEW	COM	76009N100	562	9,745	SH	DFND	1 4	9,745	0	0
REPAY HLDGS CORP	COM CL A	76029L100	334	14,209	SH	DFND	1 4	14,209	0	0
REPLIGEN CORP	COM	759916109	42,397	218,078	SH	DFND	1 3 4	218,078	0	0
REPLIGEN CORP	COM	759916109	1,185	6,096	SH	DFND	1 4	6,096	0	0
REPUBLIC SVCS INC	COM	760759100	44,568	448,592	SH	DFND	1 3 4	448,592	0	0
REPUBLIC SVCS INC	COM	760759100	1,419	14,285	SH	DFND	1 4	14,285	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	27,792	983,800	SH	DFND	1 3 4	983,800	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	411	14,537	SH	DFND	1 4	14,537	0	0
RESMED INC	COM	761152107	34,074	175,622	SH	DFND	1 3 4	175,622	0	0
RESMED INC	COM	761152107	3,130	16,130	SH	DFND	1 4	16,130	0	0
RESONANT INC	COM	76118L102	43	10,093	SH	DFND	1 4	10,093	0	0
RESOURCES CONNECTION INC	COM	76122Q105	3,146	232,340	SH	DFND	1 3 4	232,340	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	408,407	6,283,180	SH	DFND	1 3 4	6,283,180	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	12,884	811,875	SH	DFND	1 3 4	811,875	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	187	11,776	SH	DFND	1 4	11,776	0	0
RETAIL PPTYS AMER INC	CL A	76131V202	15,459	1,475,050	SH	DFND	1 3 4	1,475,050	0	0
RETAIL PPTYS AMER INC	CL A	76131V202	227	21,697	SH	DFND	1 4	21,697	0	0
REVANCE THERAPEUTICS INC	COM	761330109	14,995	536,525	SH	DFND	1 3 4	536,525	0	0
REVANCE THERAPEUTICS INC	COM	761330109	329	11,768	SH	DFND	1 4	11,768	0	0
REVOLUTION MEDICINES INC	COM	76155X100	672	14,651	SH	DFND	1 3 4	14,651	0	0
REVOLUTION MEDICINES INC	COM	76155X100	418	9,110	SH	DFND	1 4	9,110	0	0
REVOLVE GROUP INC	CL A	76156B107	44,676	994,349	SH	DFND	1 3 4	994,349	0	0
REX AMERICAN RES CORP	COM	761624105	3,050	36,241	SH	DFND	1 3 4	36,241	0	0
REXFORD INDL RLTY INC	COM	76169C100	50,053	993,108	SH	DFND	1 3 4	993,108	0	0
REXFORD INDL RLTY INC	COM	76169C100	440	8,727	SH	DFND	1 4	8,727	0	0
REXFORD INDL RLTY INC	COM	76169C100	358,622	7,115,510	SH	DFND	2 3 4	7,115,510	0	0
REXNORD CORP	COM	76169B102	59,123	1,255,538	SH	DFND	1 3 4	1,255,538	0	0
REXNORD CORP	COM	76169B102	623	13,224	SH	DFND	1 4	13,224	0	0
RH	COM	74967X103	32,812	54,999	SH	DFND	1 3 4	54,999	0	0
RH	COM	74967X103	2,007	3,364	SH	DFND	1 4	3,364	0	0
RHYTHM PHARMACEUTICALS INC	COM	76243J105	208	9,802	SH	DFND	1 3 4	9,802	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	128	37,536	SH	DFND	1 3 4	37,536	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	127	37,155	SH	DFND	1 4	37,155	0	0
RINGCENTRAL INC	CL A	76680R206	24,093	80,879	SH	DFND	1 3 4	80,879	0	0
RINGCENTRAL INC	CL A	76680R206	2,634	8,841	SH	DFND	1 4	8,841	0	0
RITCHIE BROS	COM	767744105	234	4,000	SH	DFND	1 3 4	0	0	4,000

AUCTIONEERS										
RLI CORP	COM	749607107	878	7,866	SH	DFND	1 4	7,866	0	0
RLI CORP	COM	749607107	14,938	133,891	SH	DFND	1 3 4	133,891	0	0
RLJ LODGING TR	COM	74965L101	259	16,757	SH	DFND	1 4	16,757	0	0
RMR GROUP INC	CL A	74967R106	673	16,494	SH	DFND	1 3 4	16,494	0	0
ROBERT HALF INTL INC	COM	770323103	17,162	219,833	SH	DFND	1 3 4	219,833	0	0
ROBERT HALF INTL INC	COM	770323103	586	7,509	SH	DFND	1 4	7,509	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	544	12,265	SH	DFND	1 3 4	12,265	0	0
ROCKET PHARMACEUTICALS INC	COM	77313F106	354	7,974	SH	DFND	1 4	7,974	0	0
ROCKWELL AUTOMATION INC	COM	773903109	35,543	133,903	SH	DFND	1 3 4	133,903	0	0
ROCKWELL AUTOMATION INC	COM	773903109	2,757	10,388	SH	DFND	1 4	10,388	0	0
ROCKWELL MED INC	COM	774374102	16	14,093	SH	DFND	1 4	14,093	0	0
ROGERS CORP	COM	775133101	24,190	128,527	SH	DFND	1 3 4	128,527	0	0
ROGERS CORP	COM	775133101	429	2,278	SH	DFND	1 4	2,278	0	0
ROKU INC	COM CL A	77543R102	3,987	12,238	SH	DFND	1 4	12,238	0	0
ROKU INC	COM CL A	77543R102	16,872	51,792	SH	DFND	1 3 4	51,792	0	0
ROLLINS INC	COM	775711104	8,991	261,233	SH	DFND	1 3 4	261,233	0	0
ROLLINS INC	COM	775711104	812	23,590	SH	DFND	1 4	23,590	0	0
ROPER TECHNOLOGIES INC	COM	776696106	747,367	1,852,946	SH	DFND	1 3 4	1,851,389	0	1,557
ROPER TECHNOLOGIES INC	COM	776696106	1,228	3,045	SH	DFND	1 4	3,045	0	0
ROSS STORES INC	COM	778296103	262,343	2,187,830	SH	DFND	1 3 4	2,187,830	0	0
ROSS STORES INC	COM	778296103	2,752	22,950	SH	DFND	1 4	22,950	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	21,461	250,687	SH	DFND	1 3 4	250,687	0	0
ROYAL CARIBBEAN GROUP	COM	V7780T103	1,151	13,440	SH	DFND	1 4	13,440	0	0
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	460	12,500	SH	DFND	1 3 4	0	0	12,500
ROYAL GOLD INC	COM	780287108	23,794	221,092	SH	DFND	1 3 4	221,092	0	0
ROYAL GOLD INC	COM	780287108	711	6,609	SH	DFND	1 4	6,609	0	0
ROYALTY PHARMA PLC	SHS CLASS A	G7709Q104	1,215	27,847	SH	DFND	1 4	27,847	0	0
RPC INC	COM	749660106	2,163	400,512	SH	DFND	1 3 4	400,512	0	0
RPM INTL INC	COM	749685103	85,193	927,528	SH	DFND	1 3 4	926,968	0	560
RPM INTL INC	COM	749685103	1,240	13,498	SH	DFND	1 4	13,498	0	0
RPT REALTY	SH BEN INT	74971D101	6,370	558,265	SH	DFND	1 3 4	558,265	0	0
RUSH ENTERPRISES INC	CL A	781846209	209	4,194	SH	DFND	1 4	4,194	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	21,505	866,084	SH	DFND	1 3 4	866,084	0	0
RYDER SYS INC	COM	783549108	23,115	305,552	SH	DFND	1 3 4	305,552	0	0
RYDER SYS INC	COM	783549108	276	3,645	SH	DFND	1 4	3,645	0	0
RYMAN HOSPITALITY PPTY INC	COM	78377T107	774	9,984	SH	DFND	1 4	9,984	0	0
S & T BANCORP INC	COM	783859101	10,115	301,948	SH	DFND	1 3 4	301,948	0	0
S&P GLOBAL INC	COM	78409V104	4,578	12,974	SH	DFND	1 4	12,974	0	0
S&P GLOBAL INC	COM	78409V104	395,551	1,120,952	SH	DFND	1 3 4	1,120,952	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	198,703	11,446,069	SH	DFND	2 3 4	11,446,069	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	18,044	1,039,364	SH	DFND	1 3 4	1,039,364	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	361	20,784	SH	DFND	1 4	20,784	0	0
SABRE CORP	COM	78573M104	21,711	1,466,001	SH	DFND	1 3 4	1,466,001	0	0
SABRE CORP	COM	78573M104	320	21,579	SH	DFND	1 4	21,579	0	0
SAFEHOLD INC	COM	78645L100	6,927	98,819	SH	DFND	1 3 4	98,819	0	0
SAFEHOLD INC	COM	78645L100	205	2,928	SH	DFND	1 4	2,928	0	0
SAFETY INS GROUP INC	COM	78648T100	8,193	97,251	SH	DFND	1 3 4	97,251	0	0

SAGE THERAPEUTICS INC	COM	78667J108	881	11,768	SH	DFND	1 3 4	11,768	0	0
SAGE THERAPEUTICS INC	COM	78667J108	276	3,694	SH	DFND	1 4	3,694	0	0
SAIA INC	COM	78709Y105	41,727	180,967	SH	DFND	1 3 4	180,967	0	0
SAIA INC	COM	78709Y105	1,293	5,606	SH	DFND	1 4	5,606	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	951	18,779	SH	DFND	1 4	18,779	0	0
SAILPOINT TECHNOLOGIES HLDGS	COM	78781P105	22,009	434,624	SH	DFND	1 3 4	434,624	0	0
SALESFORCE COM INC	COM	79466L302	13,383	63,168	SH	DFND	1 4	63,168	0	0
SALESFORCE COM INC	COM	79466L302	755,780	3,567,190	SH	DFND	1 3 4	3,564,834	0	2,356
SALLY BEAUTY HLDGS INC	COM	79546E104	47,795	2,374,314	SH	DFND	1 3 4	2,374,314	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	230	11,413	SH	DFND	1 4	11,413	0	0
SANDERSON FARMS INC	COM	800013104	10,433	66,973	SH	DFND	1 3 4	66,973	0	0
SANDERSON FARMS INC	COM	800013104	589	3,781	SH	DFND	1 4	3,781	0	0
SANDY SPRING BANCORP INC	COM	800363103	1,677	38,608	SH	DFND	1 3 4	38,608	0	0
SANDY SPRING BANCORP INC	COM	800363103	205	4,727	SH	DFND	1 4	4,727	0	0
SANFILIPPO JOHN B & SON INC	COM	800422107	6,161	68,178	SH	DFND	1 3 4	68,178	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	392	31,324	SH	DFND	1 3 4	31,324	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	308	24,561	SH	DFND	1 4	24,561	0	0
SANMINA CORPORATION	COM	801056102	18,466	446,250	SH	DFND	1 3 4	446,250	0	0
SANMINA CORPORATION	COM	801056102	271	6,541	SH	DFND	1 4	6,541	0	0
SANTANDER CONSUMER USA HLDGS	COM	80283M101	361	13,327	SH	DFND	1 3 4	13,327	0	0
SAP SE	SPON ADR	803054204	109,782	894,064	SH	DFND	1 3 4	890,137	0	3,927
SAREPTA THERAPEUTICS INC	COM	803607100	627	8,409	SH	DFND	1 4	8,409	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	1,374	18,436	SH	DFND	1 3 4	18,436	0	0
SAUL CTRS INC	COM	804395101	4,733	118,012	SH	DFND	1 3 4	118,012	0	0
SAUL CTRS INC	COM	804395101	51,315	1,279,376	SH	DFND	2 3 4	1,279,376	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	798,897	2,878,388	SH	DFND	1 3 4	2,878,388	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	893	3,216	SH	DFND	1 4	3,216	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	3,403	12,260	SH	DFND	2 3 4	12,260	0	0
SCANSOURCE INC	COM	806037107	5,542	185,057	SH	DFND	1 3 4	185,057	0	0
SCHLUMBERGER LTD	COM	806857108	51,565	1,896,482	SH	DFND	1 3 4	1,896,482	0	0
SCHLUMBERGER LTD	COM	806857108	824	30,304	SH	DFND	1 4	30,304	0	0
SCHNEIDER NATIONAL INC	CL B	80689H102	1,169	46,835	SH	DFND	1 3 4	46,835	0	0
SCHOLAR ROCK HLDG CORP	COM	80706P103	276	5,456	SH	DFND	1 4	5,456	0	0
SCHOLASTIC CORP	COM	807066105	6,215	206,423	SH	DFND	1 3 4	206,423	0	0
SCHRODINGER INC	COM	80810D103	490	6,419	SH	DFND	1 4	6,419	0	0
SCHWAB CHARLES CORP	COM	808513105	1,957	30,032	SH	DFND	1 4	30,032	0	0
SCHWAB CHARLES CORP	COM	808513105	254,828	3,909,601	SH	DFND	1 3 4	3,900,919	0	8,682
SCHWAB STRATEGIC TR	US TIPS ETF	808524870	295	4,826	SH	SOLE		0	0	4,826
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	11,989	244,833	SH	DFND	1 3 4	244,833	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	16,401	196,212	SH	DFND	1 3 4	196,212	0	0
SCIENCE APPLICATIONS INTL CO	COM	808625107	357	4,276	SH	DFND	1 4	4,276	0	0

SCIENTIFIC GAMES CORP	COM	80874P109	7,306	189,660	SH	DFND	1 3 4	189,660	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	400	10,383	SH	DFND	1 4	10,383	0	0
SCIPLAY CORPORATION	CL A	809087109	892	55,121	SH	DFND	1 3 4	55,121	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	40,833	166,686	SH	DFND	1 3 4	166,686	0	0
SCOTTS MIRACLE-GRO CO	CL A	810186106	1,086	4,434	SH	DFND	1 4	4,434	0	0
SCRIPPS E W CO OHIO	CL A NEW	811054402	7,582	393,472	SH	DFND	1 3 4	393,472	0	0
SEA LTD	SPONSORD ADS	81141R100	14,403	64,522	SH	DFND	1 3 4	64,522	0	0
SEABOARD CORP DEL	COM	811543107	487	132	SH	DFND	1 3 4	132	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	13,762	379,738	SH	DFND	1 3 4	379,738	0	0
SEACOR HOLDINGS INC	COM	811904101	5,364	131,620	SH	DFND	1 3 4	131,620	0	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	18,746	244,247	SH	DFND	1 3 4	244,247	0	0
SEAGEN INC	COM	81181C104	15,692	113,011	SH	DFND	1 3 4	113,011	0	0
SEAGEN INC	COM	81181C104	1,977	14,234	SH	DFND	1 4	14,234	0	0
SEALED AIR CORP NEW	COM	81211K100	16,003	349,248	SH	DFND	1 3 4	349,248	0	0
SEALED AIR CORP NEW	COM	81211K100	487	10,631	SH	DFND	1 4	10,631	0	0
SEAWORLD ENTMT INC	COM	81282V100	387	7,788	SH	DFND	1 4	7,788	0	0
SEI INVTS CO	COM	784117103	25,880	424,745	SH	DFND	1 3 4	424,745	0	0
SEI INVTS CO	COM	784117103	470	7,720	SH	DFND	1 4	7,720	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	173	34,671	SH	DFND	1 3 4	34,671	0	0
SELECT MED HLDGS CORP	COM	81619Q105	27,270	799,710	SH	DFND	1 3 4	799,710	0	0
SELECT MED HLDGS CORP	COM	81619Q105	790	23,168	SH	DFND	1 4	23,168	0	0
SELECTA BIOSCIENCES INC	COM	816212104	432	95,527	SH	DFND	1 3 4	95,527	0	0
SELECTIVE INS GROUP INC	COM	816300107	434	5,983	SH	DFND	1 4	5,983	0	0
SELECTIVE INS GROUP INC	COM	816300107	14,638	201,799	SH	DFND	1 3 4	201,799	0	0
SELECTQUOTE INC	COM	816307300	509	17,245	SH	DFND	1 4	17,245	0	0
SEMPRA ENERGY	COM	816851109	124,397	938,278	SH	DFND	1 3 4	936,811	0	1,467
SEMPRA ENERGY	COM	816851109	836	6,309	SH	DFND	1 4	6,309	0	0
SEMTECH CORP	COM	816850101	15,115	219,056	SH	DFND	1 3 4	219,056	0	0
SEMTECH CORP	COM	816850101	950	13,775	SH	DFND	1 4	13,775	0	0
SENECA FOODS CORP NEW	CL A	817070501	2,167	46,022	SH	DFND	1 3 4	46,022	0	0
SENSATA TECHNOLOGIES HLDG PL	SHS	G8060N102	612	10,554	SH	DFND	1 4	10,554	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	15,365	196,991	SH	DFND	1 3 4	196,991	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	489	6,265	SH	DFND	1 4	6,265	0	0
SERES THERAPEUTICS INC	COM	81750R102	958	46,507	SH	DFND	1 3 4	46,507	0	0
SERES THERAPEUTICS INC	COM	81750R102	249	12,076	SH	DFND	1 4	12,076	0	0
SERVICE CORP INTL	COM	817565104	31,017	607,574	SH	DFND	1 3 4	607,574	0	0
SERVICE CORP INTL	COM	817565104	591	11,584	SH	DFND	1 4	11,584	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	197	16,589	SH	DFND	1 4	16,589	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	6,588	555,450	SH	DFND	1 3 4	555,450	0	0
SERVICENOW INC	COM	81762P102	148,264	296,463	SH	DFND	1 3 4	296,463	0	0
SERVICENOW INC	COM	81762P102	7,389	14,775	SH	DFND	1 4	14,775	0	0
SERVICENOW INC	COM	81763U100	15	10,378	SH	DFND	1 4	10,378	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	83,129	1,355,445	SH	DFND	1 3 4	1,354,401	0	1,044



SERVISFIRST BANCSHARES INC	COM	81768T108	551	8,981	SH	DFND	1 4	8,981	0	0
SHAKE SHACK INC	CL A	819047101	48,067	426,241	SH	DFND	1 3 4	426,241	0	0
SHAKE SHACK INC	CL A	819047101	844	7,485	SH	DFND	1 4	7,485	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	19,060	390,496	SH	DFND	1 3 4	390,496	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	502	10,279	SH	DFND	1 4	10,279	0	0
SHERWIN WILLIAMS CO	COM	824348106	111,321	150,840	SH	DFND	1 3 4	150,840	0	0
SHERWIN WILLIAMS CO	COM	824348106	4,631	6,275	SH	DFND	1 4	6,275	0	0
SHOCKWAVE MED INC	COM	82489T104	7,508	57,642	SH	DFND	1 3 4	57,642	0	0
SHOCKWAVE MED INC	COM	82489T104	790	6,068	SH	DFND	1 4	6,068	0	0
SHOE CARNIVAL INC	COM	824889109	3,659	59,134	SH	DFND	1 3 4	59,134	0	0
SHOPIFY INC	CL A	82509L107	120,867	109,234	SH	DFND	1 3 4	109,234	0	0
SHUTTERSTOCK INC	COM	825690100	15,750	176,888	SH	DFND	1 3 4	176,888	0	0
SHUTTERSTOCK INC	COM	825690100	416	4,668	SH	DFND	1 4	4,668	0	0
SHYFT GROUP INC	COM	825698103	274	7,356	SH	DFND	1 4	7,356	0	0
SI BONE INC	COM	825704109	20,540	645,711	SH	DFND	1 3 4	645,711	0	0
SI BONE INC	COM	825704109	201	6,315	SH	DFND	1 4	6,315	0	0
SIENTRA INC	COM	82621J105	571	78,307	SH	DFND	1 3 4	78,307	0	0
SIGA TECHNOLOGIES INC	COM	826917106	76	11,624	SH	DFND	1 4	11,624	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	43,483	192,319	SH	DFND	1 3 4	192,319	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	859	3,798	SH	DFND	1 4	3,798	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	306	5,279	SH	DFND	1 4	5,279	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	25,788	444,766	SH	DFND	1 3 4	444,766	0	0
SILGAN HOLDINGS INC	COM	827048109	11,227	267,114	SH	DFND	1 3 4	267,114	0	0
SILGAN HOLDINGS INC	COM	827048109	230	5,470	SH	DFND	1 4	5,470	0	0
SILICON LABORATORIES INC	COM	826919102	20,882	148,024	SH	DFND	1 3 4	148,024	0	0
SILICON LABORATORIES INC	COM	826919102	1,304	9,247	SH	DFND	1 4	9,247	0	0
SILK RD MED INC	COM	82710M100	2,102	41,493	SH	DFND	1 3 4	41,493	0	0
SILK RD MED INC	COM	82710M100	295	5,823	SH	DFND	1 4	5,823	0	0
SILVERGATE CAP CORP	CL A	82837P408	280	1,970	SH	DFND	1 4	1,970	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	24,768	834,770	SH	DFND	1 3 4	834,770	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	327	11,036	SH	DFND	1 4	11,036	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	48,963	430,366	SH	DFND	1 3 4	430,366	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	3,816	33,544	SH	DFND	1 4	33,544	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	156,593	1,376,398	SH	DFND	2 3 4	1,376,398	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	264	8,682	SH	DFND	1 4	8,682	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	17,612	578,951	SH	DFND	1 3 4	578,951	0	0
SIMPSON MFG INC	COM	829073105	964	9,296	SH	DFND	1 4	9,296	0	0
SIMPSON MFG INC	COM	829073105	15,148	146,036	SH	DFND	1 3 4	146,036	0	0
SIMULATIONS PLUS INC	COM	829214105	7,856	124,229	SH	DFND	1 3 4	124,229	0	0
SIMULATIONS PLUS INC	COM	829214105	205	3,240	SH	DFND	1 4	3,240	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	1,807	61,761	SH	DFND	1 3 4	61,761	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	369	60,584	SH	DFND	1 3 4	60,584	0	0
SIRIUS XM HOLDINGS INC	COM	82968B103	665	109,165	SH	DFND	1 4	109,165	0	0
SITE CTRS CORP	COM	82981J109	15,542	1,146,174	SH	DFND	1 3 4	1,146,174	0	0
SITE CTRS CORP	COM	82981J109	210	15,495	SH	DFND	1 4	15,495	0	0

SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	1,600	9,371	SH	DFND	1 4	9,371	0	0
SITIME CORP	COM	82982T106	33,763	342,418	SH	DFND	1 3 4	342,418	0	0
SITIME CORP	COM	82982T106	252	2,558	SH	DFND	1 4	2,558	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	239	5,137	SH	DFND	1 4	5,137	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	16,986	365,533	SH	DFND	1 3 4	365,533	0	0
SJW GROUP	COM	784305104	724	11,495	SH	DFND	1 3 4	11,495	0	0
SJW GROUP	COM	784305104	272	4,311	SH	DFND	1 4	4,311	0	0
SKECHERS U S A INC	CL A	830566105	19,219	460,774	SH	DFND	1 3 4	460,774	0	0
SKECHERS U S A INC	CL A	830566105	381	9,145	SH	DFND	1 4	9,145	0	0
SKYLINE CHAMPION CORPORATION	COM	830830105	508	11,216	SH	DFND	1 4	11,216	0	0
SKYWEST INC	COM	830879102	32,383	594,400	SH	DFND	1 3 4	594,400	0	0
SKYWEST INC	COM	830879102	272	4,990	SH	DFND	1 4	4,990	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	36,871	200,954	SH	DFND	1 3 4	200,954	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	2,062	11,236	SH	DFND	1 4	11,236	0	0
SLACK TECHNOLOGIES INC	COM CL A	83088V102	856	21,057	SH	DFND	1 3 4	21,057	0	0
SLACK TECHNOLOGIES INC	COM CL A	83088V102	2,262	55,674	SH	DFND	1 4	55,674	0	0
SLEEP NUMBER CORP	COM	83125X103	25,970	180,989	SH	DFND	1 3 4	180,989	0	0
SLEEP NUMBER CORP	COM	83125X103	561	3,913	SH	DFND	1 4	3,913	0	0
SLM CORP	COM	78442P106	532	29,607	SH	DFND	1 4	29,607	0	0
SLM CORP	COM	78442P106	20,295	1,129,387	SH	DFND	1 3 4	1,129,387	0	0
SM ENERGY CO	COM	78454L100	191	11,653	SH	DFND	1 4	11,653	0	0
SM ENERGY CO	COM	78454L100	12,006	733,425	SH	DFND	1 3 4	733,425	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	4,466	97,050	SH	DFND	1 3 4	97,050	0	0
SMARTSHEET INC	COM CL A	83200N103	800	12,520	SH	DFND	1 4	12,520	0	0
SMILEDIRECTCLUB INC	CL A COM	83192H106	254	24,600	SH	DFND	1 3 4	24,600	0	0
SMITH A O CORP	COM	831865209	14,138	209,104	SH	DFND	1 3 4	209,104	0	0
SMITH A O CORP	COM	831865209	614	9,075	SH	DFND	1 4	9,075	0	0
SMUCKER J M CO	COM NEW	832696405	17,868	141,212	SH	DFND	1 3 4	141,212	0	0
SMUCKER J M CO	COM NEW	832696405	951	7,514	SH	DFND	1 4	7,514	0	0
SNAP INC	CL A	83304A106	32,498	621,512	SH	DFND	1 3 4	621,512	0	0
SNAP ON INC	COM	833034101	136,958	593,557	SH	DFND	1 3 4	591,480	0	2,077
SNAP ON INC	COM	833034101	848	3,676	SH	DFND	1 4	3,676	0	0
SNOWFLAKE INC	CL A	833445109	1,085	4,734	SH	DFND	1 3 4	4,734	0	0
SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	833635105	5,933	111,788	SH	DFND	1 3 4	111,788	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	50,105	174,314	SH	DFND	1 3 4	174,314	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	1,581	5,499	SH	DFND	1 4	5,499	0	0
SOLARIS OILFIELD INFRASTRUCT	COM CL A	83418M103	316	25,739	SH	DFND	1 3 4	25,739	0	0
SOLARWINDS CORP	COM	83417Q105	26,425	1,515,216	SH	DFND	1 3 4	1,515,216	0	0
SOLENO THERAPEUTICS INC	COM NEW	834203200	14	10,732	SH	DFND	1 4	10,732	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	9,091	183,403	SH	DFND	1 3 4	183,403	0	0
SONOCO PRODS CO	COM	835495102	21,432	338,575	SH	DFND	1 3 4	338,575	0	0
SONOCO PRODS CO	COM	835495102	433	6,846	SH	DFND	1 4	6,846	0	0
SONOS INC	COM	83570H108	15,498	413,612	SH	DFND	1 3 4	413,612	0	0
SONOS INC	COM	83570H108	961	25,660	SH	DFND	1 4	25,660	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	471	56,962	SH	DFND	1 3 4	56,962	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	442	53,387	SH	DFND	1 4	53,387	0	0
SOUTH JERSEY INDS INC	COM	838518108	20,026	886,885	SH	DFND	1 3 4	886,885	0	0

SOUTH JERSEY INDS INC	COM	838518108	380	16,849	SH	DFND	1 4	16,849	0	0
SOUTH ST CORP	COM	840441109	4,988	63,535	SH	DFND	1 3 4	63,535	0	0
SOUTH ST CORP	COM	840441109	556	7,081	SH	DFND	1 4	7,081	0	0
SOUTHERN CO	COM	842587107	75,563	1,215,614	SH	DFND	1 3 4	1,215,614	0	0
SOUTHERN CO	COM	842587107	1,434	23,065	SH	DFND	1 4	23,065	0	0
SOUTHERN COPPER CORP	COM	84265V105	5,727	84,386	SH	DFND	1 3 4	84,386	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	8,237	213,892	SH	DFND	1 3 4	213,892	0	0
SOUTHWEST AIRLS CO	COM	844741108	64,066	1,049,228	SH	DFND	1 3 4	1,049,228	0	0
SOUTHWEST AIRLS CO	COM	844741108	2,445	40,036	SH	DFND	1 4	40,036	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	45,973	669,087	SH	DFND	1 3 4	669,087	0	0
SOUTHWEST GAS HLDGS INC	COM	844895102	437	6,353	SH	DFND	1 4	6,353	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	25,021	5,380,861	SH	DFND	1 3 4	5,380,861	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	305	65,658	SH	DFND	1 4	65,658	0	0
SP PLUS CORP	COM	78469C103	320	9,757	SH	DFND	1 3 4	9,757	0	0
SPARTANNASH CO	COM	847215100	5,578	284,139	SH	DFND	1 3 4	284,139	0	0
SPDR GOLD TR	GOLD SHS	78463V107	284	1,776	SH	SOLE		0	0	1,776
SPDR INDEX SHS FDS	PORTFOLIO EMG MK	78463X509	440	10,047	SH	SOLE		0	0	10,047
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	15,622	310,821	SH	DFND	1 3 4	310,821	0	0
SPDR INDEX SHS FDS	S&P INTL SMLCP	78463X871	440	11,774	SH	SOLE		0	0	11,774
SPDR INDEX SHS FDS	PORTFOLIO DEVLDP	78463X889	1,303	36,860	SH	SOLE		0	0	36,860
SPDR S&P 500 ETF TR	TR UNIT	78462F103	313	790	SH	SOLE		0	0	790
SPDR SER TR	NUVEEN BBG BRCLY	78464A284	627	10,561	SH	DFND	1 3 4	10,561	0	0
SPDR SER TR	S&P 600 SMCP VAL	78464A300	537	6,545	SH	SOLE		0	0	6,545
SPDR SER TR	PRTFLO S&P500 VL	78464A508	444	11,713	SH	SOLE		0	0	11,713
SPDR SER TR	PORTFOLIO AGRGTE	78464A649	3,032	102,257	SH	SOLE		0	0	102,257
SPDR SER TR	PORTFOLI S&P1500	78464A805	1,572	31,956	SH	SOLE		0	0	31,956
SPDR SER TR	S&P 400 MDCP VAL	78464A839	463	7,074	SH	SOLE		0	0	7,074
SPDR SER TR	PORTFOLIO SH TSR	78468R101	456	14,882	SH	SOLE		0	0	14,882
SPDR SER TR	BLOOMBERG SRT TR	78468R408	308	11,265	SH	SOLE		0	0	11,265
SPDR SER TR	BLOOMBERG BRCLYS	78468R622	167,661	1,541,000	SH	DFND	1 3 4	1,541,000	0	0
SPDR SER TR	NUVEEN BLMBRG SR	78468R739	899	18,145	SH	SOLE		0	0	18,145
SPDR SER TR	PRTFLO S&P500 HI	78468R788	264	6,853	SH	SOLE		0	0	6,853
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	3,874	45,581	SH	DFND	1 3 4	45,581	0	0
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	251	2,948	SH	DFND	1 4	2,948	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	3,375	1,035,312	SH	DFND	1 3 4	1,035,312	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	48	14,766	SH	DFND	1 4	14,766	0	0
SPIRE INC	COM	84857L101	33,798	457,405	SH	DFND	1 3 4	457,074	0	331
SPIRE INC	COM	84857L101	376	5,082	SH	DFND	1 4	5,082	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	29,465	605,647	SH	DFND	1 3 4	605,647	0	0

SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	355	7,292	SH	DFND	1 4	7,292	0	0
SPIRIT AIRLS INC	COM	848577102	11,552	313,055	SH	DFND	1 3 4	313,055	0	0
SPIRIT AIRLS INC	COM	848577102	367	9,933	SH	DFND	1 4	9,933	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	16,451	387,078	SH	DFND	1 3 4	387,078	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	329	7,744	SH	DFND	1 4	7,744	0	0
SPLUNK INC	COM	848637104	207	1,526	SH	DFND	1 3 4	1,526	0	0
SPLUNK INC	COM	848637104	2,445	18,046	SH	DFND	1 4	18,046	0	0
SPOK HLDGS INC	COM	84863T106	1,285	122,472	SH	DFND	1 3 4	122,472	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	53,367	199,168	SH	DFND	1 3 4	199,168	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	4,039	15,073	SH	DFND	1 4	15,073	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	703	9,556	SH	DFND	1 3 4	9,556	0	0
SPRINGWORKS THERAPEUTICS INC	COM	85205L107	377	5,126	SH	DFND	1 4	5,126	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	48,044	831,798	SH	DFND	1 3 4	831,798	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	343	5,944	SH	DFND	1 4	5,944	0	0
SPROUTS FMRS MKT INC	COM	85208M102	17,125	643,295	SH	DFND	1 3 4	643,295	0	0
SPROUTS FMRS MKT INC	COM	85208M102	334	12,538	SH	DFND	1 4	12,538	0	0
SPS COMM INC	COM	78463M107	27,450	276,407	SH	DFND	1 3 4	276,407	0	0
SPS COMM INC	COM	78463M107	752	7,576	SH	DFND	1 4	7,576	0	0
SPX CORP	COM	784635104	461	7,912	SH	DFND	1 4	7,912	0	0
SPX CORP	COM	784635104	18,053	309,813	SH	DFND	1 3 4	309,813	0	0
SPX FLOW INC	COM	78469X107	274	4,326	SH	DFND	1 4	4,326	0	0
SPX FLOW INC	COM	78469X107	18,346	289,696	SH	DFND	1 3 4	289,696	0	0
SQUARE INC	CL A	852234103	196,799	866,767	SH	DFND	1 3 4	866,767	0	0
SQUARE INC	CL A	852234103	6,389	28,140	SH	DFND	1 4	28,140	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,020	14,594	SH	DFND	1 3 4	14,594	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,215	17,386	SH	DFND	1 4	17,386	0	0
SSGA ACTIVE ETF TR	SPDR TR TACTIC	78467V848	1,187	24,624	SH	SOLE		0	0	24,624
ST JOE CO	COM	790148100	9,202	214,497	SH	DFND	1 3 4	214,497	0	0
ST JOE CO	COM	790148100	225	5,236	SH	DFND	1 4	5,236	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	29,649	281,276	SH	DFND	1 3 4	281,276	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	1,030	9,771	SH	DFND	1 4	9,771	0	0
STAG INDL INC	COM	85254J102	1,228	36,544	SH	DFND	1 3 4	36,544	0	0
STAG INDL INC	COM	85254J102	594	17,668	SH	DFND	1 4	17,668	0	0
STAMPS COM INC	COM NEW	852857200	25,191	126,265	SH	DFND	1 3 4	126,265	0	0
STAMPS COM INC	COM NEW	852857200	723	3,626	SH	DFND	1 4	3,626	0	0
STANDARD MTR PRODS INC	COM	853666105	6,203	149,186	SH	DFND	1 3 4	149,186	0	0
STANDEX INTL CORP	COM	854231107	9,152	95,763	SH	DFND	1 3 4	95,763	0	0
STANLEY BLACK & DECKER INC	COM	854502101	36,771	184,159	SH	DFND	1 3 4	184,159	0	0
STANLEY BLACK & DECKER INC	COM	854502101	2,091	10,472	SH	DFND	1 4	10,472	0	0
STARBUCKS CORP	COM	855244109	449,425	4,112,984	SH	DFND	1 3 4	4,109,425	0	3,559
STARBUCKS CORP	COM	855244109	6,795	62,182	SH	DFND	1 4	62,182	0	0
STARWOOD PPTY TR INC	COM	85571B105	463	18,697	SH	DFND	1 4	18,697	0	0
STATE STR CORP	COM	857477103	37,483	446,178	SH	DFND	1 3 4	446,178	0	0
STATE STR CORP	COM	857477103	2,009	23,910	SH	DFND	1 4	23,910	0	0
STEEL DYNAMICS INC	COM	858119100	37,298	734,797	SH	DFND	1 3 4	734,797	0	0
STEEL DYNAMICS INC	COM	858119100	695	13,686	SH	DFND	1 4	13,686	0	0
STEELCASE INC	CL A	858155203	914	63,538	SH	DFND	1 3 4	63,538	0	0

STEPAN CO	COM	858586100	307	2,413	SH	DFND	1 4	2,413	0	0
STEPAN CO	COM	858586100	18,655	146,763	SH	DFND	1 3 4	146,763	0	0
STERICYCLE INC	COM	858912108	20,841	308,717	SH	DFND	1 3 4	308,717	0	0
STERICYCLE INC	COM	858912108	422	6,244	SH	DFND	1 4	6,244	0	0
STERIS PLC	SHS USD	G8473T100	127,380	668,735	SH	DFND	1 3 4	665,908	0	2,827
STERIS PLC	SHS USD	G8473T100	1,133	5,947	SH	DFND	1 4	5,947	0	0
STERLING BANCORP DEL	COM	85917A100	76,284	3,313,818	SH	DFND	1 3 4	3,313,818	0	0
STERLING BANCORP DEL	COM	85917A100	310	13,450	SH	DFND	1 4	13,450	0	0
STEWART INFORMATION SVCS COR	COM	860372101	9,567	183,878	SH	DFND	1 3 4	183,878	0	0
STIFEL FINL CORP	COM	860630102	50,393	786,683	SH	DFND	1 3 4	786,683	0	0
STIFEL FINL CORP	COM	860630102	648	10,114	SH	DFND	1 4	10,114	0	0
STITCH FIX INC	COM CL A	860897107	575	11,607	SH	DFND	1 4	11,607	0	0
STOCK YDS BANCORP INC	COM	861025104	933	18,267	SH	DFND	1 3 4	18,267	0	0
STONEX GROUP INC	COM	861896108	7,415	113,415	SH	DFND	1 3 4	113,415	0	0
STORE CAP CORP	COM	862121100	550	16,417	SH	DFND	1 4	16,417	0	0
STORE CAP CORP	COM	862121100	391,199	11,677,584	SH	DFND	2 3 4	11,677,584	0	0
STORE CAP CORP	COM	862121100	108,385	3,235,355	SH	DFND	1 3 4	3,228,933	0	6,422
STRATEGIC ED INC	COM	86272C103	473	5,148	SH	DFND	1 4	5,148	0	0
STRATEGIC ED INC	COM	86272C103	7,560	82,256	SH	DFND	1 3 4	82,256	0	0
STRONGBRIDGE BIOPHARMA PLC	SHS USD	G85347105	134	48,707	SH	DFND	1 3 4	48,707	0	0
STRYKER CORPORATION	COM	863667101	92,632	380,292	SH	DFND	1 3 4	380,292	0	0
STRYKER CORPORATION	COM	863667101	3,335	13,691	SH	DFND	1 4	13,691	0	0
STURM RUGER & CO INC	COM	864159108	7,967	120,590	SH	DFND	1 3 4	120,590	0	0
STURM RUGER & CO INC	COM	864159108	225	3,402	SH	DFND	1 4	3,402	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	7,382	726,546	SH	DFND	1 3 4	726,546	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	108	10,656	SH	DFND	1 4	10,656	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	10,024	986,597	SH	DFND	2 3 4	986,597	0	0
SUMMIT MATLS INC	CL A	86614U100	161,026	5,746,821	SH	DFND	1 3 4	5,746,821	0	0
SUMMIT MATLS INC	CL A	86614U100	328	11,693	SH	DFND	1 4	11,693	0	0
SUMO LOGIC INC	COM	86646P103	811	43,000	SH	DFND	1 3 4	43,000	0	0
SUN CMNTYS INC	COM	866674104	604,896	4,031,568	SH	DFND	2 3 4	4,031,568	0	0
SUN CMNTYS INC	COM	866674104	1,079	7,194	SH	DFND	1 4	7,194	0	0
SUN CMNTYS INC	COM	866674104	18,149	120,961	SH	DFND	1 3 4	120,961	0	0
SUNCOKE ENERGY INC	COM	86722A103	3,990	569,131	SH	DFND	1 3 4	569,131	0	0
SUNNOVA ENERGY INTL INC.	COM	86745K104	262	6,426	SH	DFND	1 4	6,426	0	0
SUNPOWER CORP	COM	867652406	459	13,708	SH	DFND	1 4	13,708	0	0
SUNRUN INC	COM	86771W105	32,687	540,458	SH	DFND	1 3 4	540,458	0	0
SUNRUN INC	COM	86771W105	2,049	33,871	SH	DFND	1 4	33,871	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	274	21,960	SH	DFND	1 4	21,960	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	8,005	642,462	SH	DFND	2 3 4	642,462	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	1,630	41,718	SH	DFND	1 3 4	41,718	0	0
SUPER MICRO COMPUTER INC	COM	86800U104	231	5,924	SH	DFND	1 4	5,924	0	0
SUPERMUS PHARMACEUTICALS INC	COM	868459108	11,267	430,381	SH	DFND	1 3 4	430,381	0	0
SURGALIGN HOLDINGS INC	COM	86882C105	22	10,267	SH	DFND	1 4	10,267	0	0
SURGALIGN HOLDINGS	COM	86882C105	114	52,429	SH	DFND	1 3 4	52,429	0	0

INC											
SURGERY PARTNERS INC	COM	86881A100	1,621	36,625	SH	DFND	1 3 4	36,625	0	0	
SURGERY PARTNERS INC	COM	86881A100	244	5,512	SH	DFND	1 4	5,512	0	0	
SURMODICS INC	COM	868873100	5,301	94,548	SH	DFND	1 3 4	94,548	0	0	
SVB FINANCIAL GROUP	COM	78486Q101	91,308	184,962	SH	DFND	1 3 4	184,962	0	0	
SVB FINANCIAL GROUP	COM	78486Q101	1,726	3,496	SH	DFND	1 4	3,496	0	0	
SVMK INC	COM	78489X103	480	26,199	SH	DFND	1 4	26,199	0	0	
SWEDISH EXPT CR CORP	ROG TTL ETN 22	870297801	951	173,243	SH	SOLE		0	0	173,243	
SWITCH INC	CL A	87105L104	7,921	487,161	SH	DFND	1 3 4	487,161	0	0	
SWITCH INC	CL A	87105L104	166	10,233	SH	DFND	1 4	10,233	0	0	
SYKES ENTERPRISES INC	COM	871237103	12,002	272,272	SH	DFND	1 3 4	272,272	0	0	
SYNAPTICS INC	COM	87157D109	15,939	117,704	SH	DFND	1 3 4	117,704	0	0	
SYNAPTICS INC	COM	87157D109	984	7,264	SH	DFND	1 4	7,264	0	0	
SYNCHRONY FINANCIAL	COM	87165B103	1,614	39,689	SH	DFND	1 4	39,689	0	0	
SYNCHRONY FINANCIAL	COM	87165B103	27,880	685,678	SH	DFND	1 3 4	685,678	0	0	
SYNEOS HEALTH INC	CL A	87166B102	444	5,850	SH	DFND	1 4	5,850	0	0	
SYNEOS HEALTH INC	CL A	87166B102	62,954	829,977	SH	DFND	1 3 4	829,977	0	0	
SYNNEX CORP	COM	87162W100	44,806	390,163	SH	DFND	1 3 4	390,163	0	0	
SYNNEX CORP	COM	87162W100	326	2,835	SH	DFND	1 4	2,835	0	0	
SYNOPSIS INC	COM	871607107	77,305	311,994	SH	DFND	1 3 4	311,994	0	0	
SYNOPSIS INC	COM	871607107	4,078	16,460	SH	DFND	1 4	16,460	0	0	
SYNOVUS FINL CORP	COM NEW	87161C501	22,917	500,925	SH	DFND	1 3 4	500,925	0	0	
SYNOVUS FINL CORP	COM NEW	87161C501	458	10,001	SH	DFND	1 4	10,001	0	0	
SYROS PHARMACEUTICALS INC	COM	87184Q107	75	10,063	SH	DFND	1 4	10,063	0	0	
SYSCO CORP	COM	871829107	45,984	583,994	SH	DFND	1 3 4	583,994	0	0	
SYSCO CORP	COM	871829107	2,308	29,314	SH	DFND	1 4	29,314	0	0	
T2 BIOSYSTEMS INC	COM	89853L104	970	598,605	SH	DFND	1 3 4	598,605	0	0	
TABULA RASA HEALTHCARE INC	COM	873379101	211	4,579	SH	DFND	1 4	4,579	0	0	
TABULA RASA HEALTHCARE INC	COM	873379101	7,109	154,372	SH	DFND	1 3 4	154,372	0	0	
TACTILE SYS TECHNOLOGY INC	COM	87357P100	7,541	138,394	SH	DFND	1 3 4	138,394	0	0	
TACTILE SYS TECHNOLOGY INC	COM	87357P100	219	4,018	SH	DFND	1 4	4,018	0	0	
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	282,212	2,385,962	SH	DFND	1 3 4	2,214,876	0	171,086	
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	32,353	183,097	SH	DFND	1 3 4	183,097	0	0	
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	2,179	12,333	SH	DFND	1 4	12,333	0	0	
TAL EDUCATION GROUP	SPONSORED ADS	874080104	672	12,481	SH	DFND	1 3 4	12,481	0	0	
TALOS ENERGY INC	COM	87484T108	2,623	217,868	SH	DFND	1 3 4	217,868	0	0	
TANDEM DIABETES CARE INC	COM NEW	875372203	1,207	13,678	SH	DFND	1 3 4	13,678	0	0	
TANDEM DIABETES CARE INC	COM NEW	875372203	564	6,396	SH	DFND	1 4	6,396	0	0	
TANGER FACTORY OUTLET CTRS I	COM	875465106	15,866	1,048,616	SH	DFND	1 3 4	1,048,616	0	0	
TAPESTRY INC	COM	876030107	51,609	1,252,333	SH	DFND	1 3 4	1,252,333	0	0	
TAPESTRY INC	COM	876030107	780	18,927	SH	DFND	1 4	18,927	0	0	
TARGA RES CORP	COM	87612G101	492	15,485	SH	DFND	1 4	15,485	0	0	
TARGA RES CORP	COM	87612G101	35,328	1,112,685	SH	DFND	1 3 4	1,111,323	0	1,362	
TARGET CORP	COM	87612E106	2,162	10,914	SH	DFND	1 4	10,914	0	0	
TARGET CORP	COM	87612E106	237,370	1,198,414	SH	DFND	1 3 4	1,197,313	0	1,101	

TAYLOR MORRISON HOME CORP	COM	87724P106	59,046	1,916,475	SH	DFND	1 3 4	1,916,475	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	440	14,281	SH	DFND	1 4	14,281	0	0
TCF FINL CORP	COM	872307103	26,451	569,326	SH	DFND	1 3 4	569,326	0	0
TCF FINL CORP	COM	872307103	479	10,313	SH	DFND	1 4	10,313	0	0
TE CONNECTIVITY LTD	REG SHS	H84989104	48,901	378,755	SH	DFND	1 3 4	378,755	0	0
TEAM INC	COM	878155100	2,427	210,510	SH	DFND	1 3 4	210,510	0	0
TECHTARGET INC	COM	87874R100	11,282	162,446	SH	DFND	1 3 4	162,446	0	0
TECHTARGET INC	COM	87874R100	353	5,078	SH	DFND	1 4	5,078	0	0
TEGNA INC	COM	87901J105	16,096	854,831	SH	DFND	1 3 4	854,831	0	0
TEGNA INC	COM	87901J105	418	22,191	SH	DFND	1 4	22,191	0	0
TELADOC HEALTH INC	COM	87918A105	2,147	11,812	SH	DFND	1 4	11,812	0	0
TELADOC HEALTH INC	COM	87918A105	14,208	78,172	SH	DFND	1 3 4	78,172	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	24,578	59,418	SH	DFND	1 3 4	59,418	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	1,025	2,478	SH	DFND	1 4	2,478	0	0
TELEFLEX INCORPORATED	COM	879369106	79,699	191,833	SH	DFND	1 3 4	190,508	0	1,325
TELEFLEX INCORPORATED	COM	879369106	1,852	4,458	SH	DFND	1 4	4,458	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	15,372	669,525	SH	DFND	1 3 4	669,525	0	0
TELLURIAN INC NEW	COM	87968A104	38	16,363	SH	DFND	1 4	16,363	0	0
TEMPUR SEALY INTL INC	COM	88023U101	23,951	655,110	SH	DFND	1 3 4	655,110	0	0
TEMPUR SEALY INTL INC	COM	88023U101	700	19,153	SH	DFND	1 4	19,153	0	0
TENABLE HLDGS INC	COM	88025T102	1,100	30,402	SH	DFND	1 3 4	30,402	0	0
TENABLE HLDGS INC	COM	88025T102	548	15,157	SH	DFND	1 4	15,157	0	0
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	11,723	572,126	SH	DFND	1 3 4	572,126	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	25,832	496,777	SH	DFND	1 3 4	496,777	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	614	11,801	SH	DFND	1 4	11,801	0	0
TENNANT CO	COM	880345103	311	3,899	SH	DFND	1 4	3,899	0	0
TENNANT CO	COM	880345103	11,230	140,571	SH	DFND	1 3 4	140,571	0	0
TERADATA CORP DEL	COM	88076W103	421	10,935	SH	DFND	1 4	10,935	0	0
TERADATA CORP DEL	COM	88076W103	14,157	367,324	SH	DFND	1 3 4	367,324	0	0
TERADYNE INC	COM	880770102	98,779	811,795	SH	DFND	1 3 4	806,346	0	5,449
TERADYNE INC	COM	880770102	2,264	18,606	SH	DFND	1 4	18,606	0	0
TEREX CORP NEW	COM	880779103	14,391	312,380	SH	DFND	1 3 4	312,380	0	0
TEREX CORP NEW	COM	880779103	314	6,813	SH	DFND	1 4	6,813	0	0
TERMINIX GLOBAL HOLDINGS INC	COM	88087E100	431	9,045	SH	DFND	1 4	9,045	0	0
TERRENO RLTY CORP	COM	88146M101	54,393	941,540	SH	DFND	1 3 4	939,068	0	2,472
TERRENO RLTY CORP	COM	88146M101	583	10,098	SH	DFND	1 4	10,098	0	0
TERRENO RLTY CORP	COM	88146M101	205,300	3,553,751	SH	DFND	2 3 4	3,553,751	0	0
TESLA INC	COM	88160R101	646,082	967,290	SH	DFND	1 3 4	967,290	0	0
TESLA INC	COM	88160R101	38,930	58,284	SH	DFND	1 4	58,284	0	0
TETRA TECH INC NEW	COM	88162G103	1,560	11,497	SH	DFND	1 4	11,497	0	0
TETRA TECH INC NEW	COM	88162G103	29,336	216,148	SH	DFND	1 3 4	216,148	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	1,014	87,909	SH	DFND	1 3 4	87,909	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	472	40,863	SH	DFND	1 4	40,863	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	16,771	236,472	SH	DFND	1 3 4	236,472	0	0
TEXAS CAP BANCSHARES INC	COM	88224Q107	363	5,119	SH	DFND	1 4	5,119	0	0
TEXAS INSTRS INC	COM	882508104	203,739	1,078,039	SH	DFND	1 3 4	1,078,039	0	0

TEXAS INSTRS INC	COM	882508104	8,485	44,894	SH	DFND	1 4	44,894	0	0
TEXAS ROADHOUSE INC	COM	882681109	21,158	220,535	SH	DFND	1 3 4	220,535	0	0
TEXAS ROADHOUSE INC	COM	882681109	1,345	14,014	SH	DFND	1 4	14,014	0	0
TEXTRON INC	COM	883203101	14,568	259,766	SH	DFND	1 3 4	259,766	0	0
TEXTRON INC	COM	883203101	869	15,487	SH	DFND	1 4	15,487	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,378	28,589	SH	DFND	1 3 4	28,589	0	0
TG THERAPEUTICS INC	COM	88322Q108	1,155	23,958	SH	DFND	1 4	23,958	0	0
THE AARONS COMPANY INC	COM	00258W108	6,037	235,090	SH	DFND	1 3 4	235,090	0	0
THE ODP CORP	COM	88337F105	232	5,367	SH	DFND	1 4	5,367	0	0
THE ODP CORP	COM	88337F105	18,009	416,016	SH	DFND	1 3 4	416,016	0	0
THE REALREAL INC	COM	88339P101	307	13,561	SH	DFND	1 4	13,561	0	0
THE TRADE DESK INC	COM CL A	88339J105	260	399	SH	DFND	1 3 4	399	0	0
THE TRADE DESK INC	COM CL A	88339J105	3,031	4,651	SH	DFND	1 4	4,651	0	0
THERAPEUTICSMD INC	COM	88338N107	81	60,500	SH	DFND	1 3 4	60,500	0	0
THERAPEUTICSMD INC	COM	88338N107	87	64,985	SH	DFND	1 4	64,985	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	288	14,110	SH	DFND	1 3 4	14,110	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	297,563	652,008	SH	DFND	1 3 4	650,614	0	1,394
THERMO FISHER SCIENTIFIC INC	COM	883556102	9,686	21,224	SH	DFND	1 4	21,224	0	0
THERMON GROUP HLDGS INC	COM	88362T103	443	22,754	SH	DFND	1 3 4	22,754	0	0
THOR INDS INC	COM	885160101	25,360	188,216	SH	DFND	1 3 4	188,216	0	0
THOR INDS INC	COM	885160101	492	3,654	SH	DFND	1 4	3,654	0	0
TIMKEN CO	COM	887389104	76,108	937,643	SH	DFND	1 3 4	936,759	0	884
TIMKEN CO	COM	887389104	351	4,323	SH	DFND	1 4	4,323	0	0
TIMKENSTEEL CORPORATION	COM	887399103	3,065	260,813	SH	DFND	1 3 4	260,813	0	0
TITAN INTL INC ILL	COM	88830M102	3,214	346,390	SH	DFND	1 3 4	346,390	0	0
TITAN MACHY INC	COM	88830R101	15,458	606,215	SH	DFND	1 3 4	606,215	0	0
TIVITY HEALTH INC	COM	88870R102	7,129	319,397	SH	DFND	1 3 4	319,397	0	0
TJX COS INC NEW	COM	872540109	103,086	1,558,373	SH	DFND	1 3 4	1,558,373	0	0
TJX COS INC NEW	COM	872540109	5,220	78,918	SH	DFND	1 4	78,918	0	0
T-MOBILE US INC	COM	872590104	125,501	1,001,683	SH	DFND	1 3 4	992,861	0	8,822
T-MOBILE US INC	COM	872590104	1,503	11,997	SH	DFND	1 4	11,997	0	0
TOLL BROTHERS INC	COM	889478103	22,940	404,376	SH	DFND	1 3 4	404,376	0	0
TOLL BROTHERS INC	COM	889478103	436	7,693	SH	DFND	1 4	7,693	0	0
TOMPKINS FINL CORP	COM	890110109	7,713	93,262	SH	DFND	1 3 4	93,262	0	0
TONIX PHARMACEUTICALS HLDG C	COM	890260706	37	28,940	SH	DFND	1 3 4	28,940	0	0
TOOTSIE ROLL INDS INC	COM	890516107	1,990	60,074	SH	DFND	1 3 4	60,074	0	0
TOPBUILD CORP	COM	89055F103	23,304	111,272	SH	DFND	1 3 4	111,272	0	0
TOPBUILD CORP	COM	89055F103	1,478	7,059	SH	DFND	1 4	7,059	0	0
TORO CO	COM	891092108	1,191	11,552	SH	DFND	1 4	11,552	0	0
TORO CO	COM	891092108	37,406	362,674	SH	DFND	1 3 4	362,674	0	0
TOWER SEMICONDUCTOR LTD	SHS NEW	M87915274	14,610	521,051	SH	DFND	1 3 4	521,051	0	0
TOWNEBANK PORTSMOUTH VA	COM	89214P109	206	6,775	SH	DFND	1 4	6,775	0	0
TPI COMPOSITES INC	COM	87266J104	370	6,556	SH	DFND	1 4	6,556	0	0
TRACTOR SUPPLY CO	COM	892356106	99,419	561,434	SH	DFND	1 3 4	556,575	0	4,859
TRACTOR SUPPLY CO	COM	892356106	2,302	13,000	SH	DFND	1 4	13,000	0	0
TRADEWEB MKTS INC	CL A	892672106	16,163	218,416	SH	DFND	1 3 4	218,416	0	0
TRADEWEB MKTS INC	CL A	892672106	652	8,816	SH	DFND	1 4	8,816	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	222,281	1,342,601	SH	DFND	1 3 4	1,339,814	0	2,787
TRANE TECHNOLOGIES PLC	SHS	G8994E103	2,693	16,263	SH	DFND	1 4	16,263	0	0
TRANE TECHNOLOGIES PLC	SHS	G8994E103	267	1,612	SH	SOLE		0	0	1,612



TRANSDIGM GROUP INC	COM	893641100	1,769,697	3,010,098	SH	DFND	1 3 4	3,010,098	0	0
TRANSDIGM GROUP INC	COM	893641100	2,403	4,087	SH	DFND	1 4	4,087	0	0
TRANSLATE BIO INC	COM	89374L104	272	16,492	SH	DFND	1 3 4	16,492	0	0
TRANSLATE BIO INC	COM	89374L104	240	14,539	SH	DFND	1 4	14,539	0	0
TRANSMEDICS GROUP INC	COM	89377M109	223	5,363	SH	DFND	1 4	5,363	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	210	59,077	SH	DFND	1 4	59,077	0	0
TRANSUNION	COM	89400J107	382,095	4,245,492	SH	DFND	1 3 4	4,245,492	0	0
TRANSUNION	COM	89400J107	1,855	20,611	SH	DFND	1 4	20,611	0	0
TRAVEL PLUS LEISURE CO	COM	894164102	784	12,830	SH	DFND	2 3 4	12,830	0	0
TRAVELERS COMPANIES INC	COM	89417E109	46,906	311,872	SH	DFND	1 3 4	311,872	0	0
TRAVELERS COMPANIES INC	COM	89417E109	829	5,514	SH	DFND	1 4	5,514	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	282	11,312	SH	DFND	1 3 4	11,312	0	0
TRAVERE THERAPEUTICS INC	COM	89422G107	295	11,801	SH	DFND	1 4	11,801	0	0
TREAN INS GROUP INC	COM	89457R101	9,058	560,826	SH	DFND	1 3 4	560,826	0	0
TREDEGAR CORP	COM	894650100	2,661	177,282	SH	DFND	1 3 4	177,282	0	0
TREEHOUSE FOODS INC	COM	89469A104	204	3,902	SH	DFND	1 4	3,902	0	0
TREEHOUSE FOODS INC	COM	89469A104	13,613	260,578	SH	DFND	1 3 4	260,578	0	0
TREVENA INC	COM	89532E109	52	29,244	SH	DFND	1 3 4	29,244	0	0
TREX CO INC	COM	89531P105	52,645	575,099	SH	DFND	1 3 4	575,099	0	0
TREX CO INC	COM	89531P105	1,190	13,005	SH	DFND	1 4	13,005	0	0
TRI POINTE HOMES INC	COM	87265H109	10,118	496,933	SH	DFND	1 3 4	496,933	0	0
TRI POINTE HOMES INC	COM	87265H109	262	12,887	SH	DFND	1 4	12,887	0	0
TRICIDA INC	COM	89610F101	59	11,123	SH	DFND	1 3 4	11,123	0	0
TRICO BANCSHARES	COM	896095106	853	18,004	SH	DFND	1 3 4	18,004	0	0
TRIMBLE INC	COM	896239100	42,464	545,884	SH	DFND	1 3 4	545,884	0	0
TRIMBLE INC	COM	896239100	1,320	16,972	SH	DFND	1 4	16,972	0	0
TRINET GROUP INC	COM	896288107	685	8,786	SH	DFND	1 4	8,786	0	0
TRINITY INDS INC	COM	896522109	7,884	276,741	SH	DFND	1 3 4	276,741	0	0
TRINSEO S A	SHS	L9340P101	18,935	297,397	SH	DFND	1 3 4	297,397	0	0
TRINSEO S A	SHS	L9340P101	338	5,308	SH	DFND	1 4	5,308	0	0
TRIP COM GROUP LTD	ADS	89677Q107	19,844	500,730	SH	DFND	1 3 4	500,730	0	0
TRIPADVISOR INC	COM	896945201	26,983	501,641	SH	DFND	1 3 4	501,641	0	0
TRIPADVISOR INC	COM	896945201	376	6,994	SH	DFND	1 4	6,994	0	0
TRIPLE-S MGMT CORP	CL B	896749108	398	15,303	SH	DFND	1 3 4	15,303	0	0
TRITON INTL LTD	CL A	G9078F107	42,886	779,879	SH	DFND	1 3 4	779,879	0	0
TRITON INTL LTD	CL A	G9078F107	336	6,116	SH	DFND	1 4	6,116	0	0
TRIUMPH BANCORP INC	COM	89679E300	12,042	155,600	SH	DFND	1 3 4	155,600	0	0
TRIUMPH GROUP INC NEW	COM	896818101	6,598	358,976	SH	DFND	1 3 4	358,976	0	0
TRUEBLUE INC	COM	89785X101	5,924	269,027	SH	DFND	1 3 4	269,027	0	0
TRUECAR INC	COM	89785L107	52	10,919	SH	DFND	1 4	10,919	0	0
TRUIST FINL CORP	COM	89832Q109	91,367	1,566,651	SH	DFND	1 3 4	1,566,651	0	0
TRUIST FINL CORP	COM	89832Q109	1,715	29,411	SH	DFND	1 4	29,411	0	0
TRUPANION INC	COM	898202106	17,368	227,895	SH	DFND	1 3 4	227,895	0	0
TRUPANION INC	COM	898202106	490	6,426	SH	DFND	1 4	6,426	0	0
TRUSTCO BK CORP N Y	COM	898349105	4,885	662,791	SH	DFND	1 3 4	662,791	0	0
TRUSTMARK CORP	COM	898402102	7,193	213,684	SH	DFND	1 3 4	213,684	0	0
TRUSTMARK CORP	COM	898402102	215	6,376	SH	DFND	1 4	6,376	0	0
TTEC HLDGS INC	COM	89854H102	14,207	141,430	SH	DFND	1 3 4	141,430	0	0
TTEC HLDGS INC	COM	89854H102	389	3,870	SH	DFND	1 4	3,870	0	0
TTM TECHNOLOGIES INC	COM	87305R109	9,896	682,476	SH	DFND	1 3 4	682,476	0	0
TTM TECHNOLOGIES INC	COM	87305R109	149	10,304	SH	DFND	1 4	10,304	0	0
TUPPERWARE BRANDS CORP	COM	899896104	8,926	337,985	SH	DFND	1 3 4	337,985	0	0

TURNING POINT THERAPEUTICS I	COM	90041T108	903	9,548	SH	DFND	1 3 4	9,548	0	0
TURNING POINT THERAPEUTICS I	COM	90041T108	727	7,684	SH	DFND	1 4	7,684	0	0
TUTOR PERINI CORP	COM	901109108	13,803	728,410	SH	DFND	1 3 4	728,410	0	0
TWILIO INC	CL A	90138F102	14,367	42,161	SH	DFND	1 3 4	42,161	0	0
TWILIO INC	CL A	90138F102	5,142	15,089	SH	DFND	1 4	15,089	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	5,082	41,033	SH	DFND	1 3 4	41,033	0	0
TWIST BIOSCIENCE CORP	COM	90184D100	1,241	10,016	SH	DFND	1 4	10,016	0	0
TWITTER INC	COM	90184L102	58,131	913,582	SH	DFND	1 3 4	913,582	0	0
TWITTER INC	COM	90184L102	3,369	52,941	SH	DFND	1 4	52,941	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	203	27,709	SH	DFND	1 4	27,709	0	0
TYLER TECHNOLOGIES INC	COM	902252105	476,405	1,122,194	SH	DFND	1 3 4	1,121,467	0	727
TYLER TECHNOLOGIES INC	COM	902252105	1,892	4,457	SH	DFND	1 4	4,457	0	0
TYME TECHNOLOGIES INC	COM	90238J103	26	14,609	SH	DFND	1 4	14,609	0	0
TYSON FOODS INC	CL A	902494103	179,912	2,421,431	SH	DFND	1 3 4	2,416,128	0	5,303
TYSON FOODS INC	CL A	902494103	1,454	19,574	SH	DFND	1 4	19,574	0	0
U S CONCRETE INC	COM	90333L201	8,028	109,494	SH	DFND	1 3 4	109,494	0	0
U S PHYSICAL THERAPY INC	COM	90337L108	10,148	97,486	SH	DFND	1 3 4	97,486	0	0
U S PHYSICAL THERAPY INC	COM	90337L108	282	2,705	SH	DFND	1 4	2,705	0	0
U S SILICA HLDGS INC	COM	90346E103	6,276	510,642	SH	DFND	1 3 4	510,642	0	0
UBER TECHNOLOGIES INC	COM	90353T100	504	9,241	SH	DFND	1 3 4	9,241	0	0
UBER TECHNOLOGIES INC	COM	90353T100	4,776	87,625	SH	DFND	1 4	87,625	0	0
UBIQUITI INC	COM	90353W103	424	1,423	SH	DFND	1 3 4	1,423	0	0
UBIQUITI INC	COM	90353W103	266	892	SH	DFND	1 4	892	0	0
UDR INC	COM	902653104	14,901	339,744	SH	DFND	1 3 4	339,744	0	0
UDR INC	COM	902653104	872	19,887	SH	DFND	1 4	19,887	0	0
UDR INC	COM	902653104	3,477	79,281	SH	DFND	2 3 4	79,281	0	0
UFP INDUSTRIES INC	COM	90278Q108	35,111	462,966	SH	DFND	1 3 4	462,966	0	0
UFP INDUSTRIES INC	COM	90278Q108	887	11,695	SH	DFND	1 4	11,695	0	0
UGI CORP NEW	COM	902681105	29,348	715,632	SH	DFND	1 3 4	715,632	0	0
UGI CORP NEW	COM	902681105	584	14,231	SH	DFND	1 4	14,231	0	0
ULTA BEAUTY INC	COM	90384S303	29,870	96,615	SH	DFND	1 3 4	96,615	0	0
ULTA BEAUTY INC	COM	90384S303	1,820	5,888	SH	DFND	1 4	5,888	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	16,201	279,139	SH	DFND	1 3 4	279,139	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	497	8,556	SH	DFND	1 4	8,556	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	1,544	13,557	SH	DFND	1 4	13,557	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	7,544	66,261	SH	DFND	1 3 4	66,261	0	0
UMB FINL CORP	COM	902788108	13,492	146,130	SH	DFND	1 3 4	146,130	0	0
UMB FINL CORP	COM	902788108	410	4,436	SH	DFND	1 4	4,436	0	0
UMPQUA HLDGS CORP	COM	904214103	13,036	742,776	SH	DFND	1 3 4	742,776	0	0
UMPQUA HLDGS CORP	COM	904214103	269	15,311	SH	DFND	1 4	15,311	0	0
UNDER ARMOUR INC	CL A	904311107	4,745	214,108	SH	DFND	1 3 4	214,108	0	0
UNDER ARMOUR INC	CL A	904311107	290	13,101	SH	DFND	1 4	13,101	0	0
UNDER ARMOUR INC	CL C	904311206	4,083	221,195	SH	DFND	1 3 4	221,195	0	0
UNDER ARMOUR INC	CL C	904311206	244	13,212	SH	DFND	1 4	13,212	0	0
UNIFI INC	COM NEW	904677200	2,836	102,888	SH	DFND	1 3 4	102,888	0	0
UNIFIRST CORP MASS	COM	904708104	23,394	104,573	SH	DFND	1 3 4	104,573	0	0
UNIFIRST CORP MASS	COM	904708104	366	1,637	SH	DFND	1 4	1,637	0	0
UNILEVER PLC	SPON ADR NEW	904767704	470	8,417	SH	DFND	1 3 4	417	0	8,000

UNION PAC CORP	COM	907818108	453,035	2,055,421	SH	DFND	1 3 4	2,050,867	0	4,554
UNION PAC CORP	COM	907818108	7,310	33,167	SH	DFND	1 4	33,167	0	0
UNIQUIRE NV	SHS	N90064101	333	9,878	SH	DFND	1 3 4	9,878	0	0
UNISYS CORP	COM NEW	909214306	11,014	433,300	SH	DFND	1 3 4	433,300	0	0
UNITED AIRLS HLDGS INC	COM	910047109	20,801	361,510	SH	DFND	1 3 4	361,510	0	0
UNITED AIRLS HLDGS INC	COM	910047109	1,216	21,137	SH	DFND	1 4	21,137	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	20,864	540,801	SH	DFND	1 3 4	540,801	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	483	12,527	SH	DFND	1 4	12,527	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	74,035	2,169,849	SH	DFND	1 3 4	2,169,849	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	270	7,904	SH	DFND	1 4	7,904	0	0
UNITED FIRE GROUP INC	COM	910340108	5,160	148,286	SH	DFND	1 3 4	148,286	0	0
UNITED INS HLDGS CORP	COM	910710102	1,025	142,112	SH	DFND	1 3 4	142,112	0	0
UNITED NAT FOODS INC	COM	911163103	12,709	385,820	SH	DFND	1 3 4	385,820	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	141,956	835,086	SH	DFND	1 3 4	835,086	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	7,012	41,248	SH	DFND	1 4	41,248	0	0
UNITED RENTALS INC	COM	911363109	1,612	4,895	SH	DFND	1 4	4,895	0	0
UNITED RENTALS INC	COM	911363109	29,376	89,204	SH	DFND	1 3 4	89,204	0	0
UNITED STATES STL CORP NEW	COM	912909108	23,148	884,520	SH	DFND	1 3 4	884,520	0	0
UNITED STATES STL CORP NEW	COM	912909108	691	26,392	SH	DFND	1 4	26,392	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	25,109	150,110	SH	DFND	1 3 4	150,110	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	496	2,964	SH	DFND	1 4	2,964	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	496,715	1,335,003	SH	DFND	1 3 4	1,333,092	0	1,911
UNITEDHEALTH GROUP INC	COM	91324P102	23,507	63,179	SH	DFND	1 4	63,179	0	0
UNITI GROUP INC	COM	91325V108	17,656	1,600,716	SH	DFND	1 3 4	1,600,716	0	0
UNITI GROUP INC	COM	91325V108	455	41,228	SH	DFND	1 4	41,228	0	0
UNITIL CORP	COM	913259107	444	9,717	SH	DFND	1 3 4	9,717	0	0
UNITY BIOTECHNOLOGY INC	COM	91381U101	69	11,556	SH	DFND	1 3 4	11,556	0	0
UNITY SOFTWARE INC	COM	91332U101	304	3,032	SH	DFND	1 4	3,032	0	0
UNIVAR SOLUTIONS USA INC	COM	91336L107	12,296	570,831	SH	DFND	1 3 4	570,831	0	0
UNIVAR SOLUTIONS USA INC	COM	91336L107	250	11,611	SH	DFND	1 4	11,611	0	0
UNIVERSAL CORP VA	COM	913456109	9,940	168,496	SH	DFND	1 3 4	168,496	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	1,142	4,822	SH	DFND	1 4	4,822	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	34,205	144,466	SH	DFND	1 3 4	144,466	0	0
UNIVERSAL ELECTRS INC	COM	913483103	5,530	100,607	SH	DFND	1 3 4	100,607	0	0
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	5,966	88,025	SH	DFND	1 3 4	88,025	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	71,315	534,632	SH	DFND	1 3 4	530,956	0	3,676
UNIVERSAL HLTH SVCS INC	CL B	913903100	672	5,037	SH	DFND	1 4	5,037	0	0
UNIVERSAL INS HLDGS INC	COM	91359V107	2,799	195,178	SH	DFND	1 3 4	195,178	0	0
UNIVEST FINANCIAL CORPORATIO	COM	915271100	616	21,537	SH	DFND	1 3 4	21,537	0	0
UNUM GROUP	COM	91529Y106	19,108	686,601	SH	DFND	1 3 4	686,601	0	0
UNUM GROUP	COM	91529Y106	387	13,912	SH	DFND	1 4	13,912	0	0

UPLAND SOFTWARE INC	COM	91544A109	267	5,668	SH	DFND	1 4	5,668	0	0
UPWORK INC	COM	91688F104	886	19,787	SH	DFND	1 4	19,787	0	0
URANIUM ENERGY CORP	COM	916896103	79	27,543	SH	DFND	1 4	27,543	0	0
URBAN EDGE PPTYS	COM	91704F104	6,124	370,687	SH	DFND	1 3 4	370,687	0	0
URBAN EDGE PPTYS	COM	91704F104	194	11,743	SH	DFND	1 4	11,743	0	0
URBAN OUTFITTERS INC	COM	917047102	260	6,982	SH	DFND	1 4	6,982	0	0
URBAN OUTFITTERS INC	COM	917047102	10,002	268,954	SH	DFND	1 3 4	268,954	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	3,445	206,880	SH	DFND	1 3 4	206,880	0	0
US BANCORP DEL	COM NEW	902973304	86,825	1,569,789	SH	DFND	1 3 4	1,569,789	0	0
US BANCORP DEL	COM NEW	902973304	1,642	29,681	SH	DFND	1 4	29,681	0	0
US ECOLOGY INC	COM	91734M103	9,015	216,503	SH	DFND	1 3 4	216,503	0	0
US FOODS HLDG CORP	COM	912008109	573	15,031	SH	DFND	1 4	15,031	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	9,323	95,525	SH	DFND	1 3 4	95,525	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	241	2,466	SH	DFND	1 4	2,466	0	0
V F CORP	COM	918204108	29,886	373,948	SH	DFND	1 3 4	373,948	0	0
V F CORP	COM	918204108	1,825	22,833	SH	DFND	1 4	22,833	0	0
VAIL RESORTS INC	COM	91879Q109	533,675	1,829,787	SH	DFND	1 3 4	1,829,787	0	0
VAIL RESORTS INC	COM	91879Q109	839	2,878	SH	DFND	1 4	2,878	0	0
VALE S A	SPONSORED ADS	91912E105	6,162	354,551	SH	DFND	1 3 4	354,551	0	0
VALERO ENERGY CORP	COM	91913Y100	636	8,887	SH	DFND	1 4	8,887	0	0
VALERO ENERGY CORP	COM	91913Y100	54,568	762,123	SH	DFND	1 3 4	762,123	0	0
VALLEY NATL BANCORP	COM	919794107	18,781	1,366,899	SH	DFND	1 3 4	1,366,899	0	0
VALLEY NATL BANCORP	COM	919794107	554	40,305	SH	DFND	1 4	40,305	0	0
VALMONT INDS INC	COM	920253101	22,293	93,798	SH	DFND	1 3 4	93,798	0	0
VALMONT INDS INC	COM	920253101	338	1,424	SH	DFND	1 4	1,424	0	0
VALVOLINE INC	COM	92047W101	15,939	611,387	SH	DFND	1 3 4	611,387	0	0
VALVOLINE INC	COM	92047W101	324	12,414	SH	DFND	1 4	12,414	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	6,778	451,261	SH	DFND	1 3 4	451,261	0	0
VANECK VECTORS ETF TR	HIGH YLD MUN ETF	92189H409	1,268	20,398	SH	DFND	1 3 4	20,398	0	0
VANGUARD BD INDEX FDS	SHORT TRM BOND	921937827	1,925	23,420	SH	SOLE		0	0	23,420
VANGUARD BD INDEX FDS	TOTAL BND MRKT	921937835	802	9,469	SH	SOLE		0	0	9,469
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	296	5,186	SH	SOLE		0	0	5,186
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	6,117	16,791	SH	SOLE		0	0	16,791
VANGUARD INDEX FDS	MCAP VL IDXVIP	922908512	248	1,836	SH	SOLE		0	0	1,836
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	1,135	12,351	SH	SOLE		0	0	12,351
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	692	7,531	SH	DFND	2 3 4	7,531	0	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	227	1,371	SH	SOLE		0	0	1,371
VANGUARD INDEX FDS	MID CAP ETF	922908629	2,259	10,206	SH	DFND	1 3 4	10,206	0	0
VANGUARD INDEX FDS	VALUE ETF	922908744	290	2,205	SH	SOLE		0	0	2,205
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	1,120	5,418	SH	SOLE		0	0	5,418
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	2,740	52,642	SH	SOLE		0	0	52,642
VANGUARD MALVERN FDS	STRM INFPROIDX	922020805	959	18,614	SH	SOLE		0	0	18,614
VANGUARD	SHRT TRM	92206C409	12,788	155,000	SH	DFND	1 3 4	155,000	0	0

SCOTTSDALE FDS	CORP BD									
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	92206C771	557	10,430	SH	SOLE		0	0	10,430
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	8,885	180,913	SH	SOLE		0	0	180,913
VANGUARD WORLD FDS	HEALTH CAR ETF	92204A504	716	3,131	SH	SOLE		0	0	3,131
VAPOTHERM INC	COM	922107107	1,187	49,399	SH	DFND	1 3 4	49,399	0	0
VAREX IMAGING CORP	COM	92214X106	6,677	325,888	SH	DFND	1 3 4	325,888	0	0
VARIAN MED SYS INC	COM	92220P105	1,183	6,702	SH	DFND	1 4	6,702	0	0
VARIAN MED SYS INC	COM	92220P105	28,361	160,658	SH	DFND	1 3 4	160,091	0	567
VARONIS SYS INC	COM	922280102	1,111	21,638	SH	DFND	1 4	21,638	0	0
VAXART INC	COM NEW	92243A200	4,757	786,306	SH	DFND	1 3 4	786,306	0	0
VAXART INC	COM NEW	92243A200	65	10,758	SH	DFND	1 4	10,758	0	0
VAXCYTE INC	COM	92243G108	223	11,314	SH	DFND	1 3 4	11,314	0	0
VBI VACCINES INC CDA	COM NEW	91822J103	113	36,374	SH	DFND	1 4	36,374	0	0
VECTOR GROUP LTD	COM	92240M108	13,255	950,159	SH	DFND	1 3 4	950,159	0	0
VECTOR GROUP LTD	COM	92240M108	224	16,089	SH	DFND	1 4	16,089	0	0
VEECO INSTRS INC DEL	COM	922417100	7,088	341,757	SH	DFND	1 3 4	341,757	0	0
VEEVA SYS INC	CL A COM	922475108	552	2,113	SH	DFND	1 3 4	2,113	0	0
VEEVA SYS INC	CL A COM	922475108	3,970	15,197	SH	DFND	1 4	15,197	0	0
VENTAS INC	COM	92276F100	1,355	25,407	SH	DFND	1 4	25,407	0	0
VENTAS INC	COM	92276F100	6,484	121,550	SH	DFND	2 3 4	121,550	0	0
VENTAS INC	COM	92276F100	22,875	428,852	SH	DFND	1 3 4	428,852	0	0
VERA BRADLEY INC	COM	92335C106	1,531	151,574	SH	DFND	1 3 4	151,574	0	0
VERACYTE INC	COM	92337F107	676	12,570	SH	DFND	1 3 4	12,570	0	0
VERACYTE INC	COM	92337F107	762	14,170	SH	DFND	1 4	14,170	0	0
VERASTEM INC	COM	92337C104	93	37,665	SH	DFND	1 3 4	37,665	0	0
VERASTEM INC	COM	92337C104	63	25,678	SH	DFND	1 4	25,678	0	0
VEREIT INC	COM	92339V308	569	14,722	SH	DFND	1 4	14,722	0	0
VERICEL CORP	COM	92346J108	19,345	348,242	SH	DFND	1 3 4	348,242	0	0
VERICEL CORP	COM	92346J108	506	9,101	SH	DFND	1 4	9,101	0	0
VERINT SYS INC	COM	92343X100	447	9,832	SH	DFND	1 4	9,832	0	0
VERISIGN INC	COM	92343E102	609,531	3,066,664	SH	DFND	1 3 4	3,066,664	0	0
VERISIGN INC	COM	92343E102	1,909	9,605	SH	DFND	1 4	9,605	0	0
VERISK ANALYTICS INC	COM	92345Y106	375,586	2,125,682	SH	DFND	1 3 4	2,125,682	0	0
VERISK ANALYTICS INC	COM	92345Y106	3,154	17,849	SH	DFND	1 4	17,849	0	0
VERITEX HLDGS INC	COM	923451108	12,535	383,095	SH	DFND	1 3 4	383,095	0	0
VERITIV CORP	COM	923454102	3,643	85,638	SH	DFND	1 3 4	85,638	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	611,055	10,508,259	SH	DFND	1 3 4	10,496,285	0	11,974
VERIZON COMMUNICATIONS INC	COM	92343V104	5,255	90,362	SH	DFND	1 4	90,362	0	0
VERRA MOBILITY CORP	COM	92511U102	386	28,524	SH	DFND	1 4	28,524	0	0
VERTEX INC	CL A	92538J106	1,389	63,200	SH	DFND	1 3 4	63,200	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	66,020	307,225	SH	DFND	1 3 4	307,225	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	4,249	19,774	SH	DFND	1 4	19,774	0	0
VERTIV HOLDINGS CO	COM CL A	92537N108	533	26,653	SH	DFND	1 4	26,653	0	0
VERU INC	COM	92536C103	125	11,616	SH	DFND	1 4	11,616	0	0
VESPER HEALTHCARE ACQSTN COR	COM CL A	92538T104	15,685	1,452,300	SH	DFND	1 3 4	1,452,300	0	0
VESPER HEALTHCARE ACQSTN COR	*W EXP 09/30/202	92538T112	572	274,999	SH	DFND	1 3 4	274,999	0	0
VIACOMCBS INC	CL A	92556H107	1,057	22,404	SH	DFND	1 3 4	22,404	0	0
VIACOMCBS INC	CL B	92556H206	1,722	38,171	SH	DFND	1 4	38,171	0	0
VIACOMCBS INC	CL B	92556H206	31,734	703,649	SH	DFND	1 3 4	703,649	0	0
VIAD CORP	COM NEW	92552R406	6,363	152,413	SH	DFND	1 3 4	152,413	0	0
VIASAT INC	COM	92552V100	14,280	297,072	SH	DFND	1 3 4	297,072	0	0
VIATRIS INC	COM	92556V106	19,772	1,415,339	SH	DFND	1 3 4	1,415,339	0	0

VIATRIS INC	COM	92556V106	1,150	82,286	SH	DFND	1 4	82,286	0	0
VIAVI SOLUTIONS INC	COM	925550105	24,682	1,572,076	SH	DFND	1 3 4	1,572,076	0	0
VIAVI SOLUTIONS INC	COM	925550105	765	48,748	SH	DFND	1 4	48,748	0	0
VICI PPTYS INC	COM	925652109	11,338	401,483	SH	DFND	1 3 4	401,483	0	0
VICI PPTYS INC	COM	925652109	1,030	36,460	SH	DFND	1 4	36,460	0	0
VICI PPTYS INC	COM	925652109	334,553	11,846,757	SH	DFND	2 3 4	11,846,757	0	0
VICOR CORP	COM	925815102	12,396	145,785	SH	DFND	1 3 4	145,785	0	0
VICOR CORP	COM	925815102	350	4,114	SH	DFND	1 4	4,114	0	0
VICTORY CAP HLDGS INC	COM CL A	92645B103	705	27,579	SH	DFND	1 3 4	27,579	0	0
VIEWRAY INC	COM	92672L107	71	16,219	SH	DFND	1 4	16,219	0	0
VIKING THERAPEUTICS INC	COM	92686J106	102	16,168	SH	DFND	1 3 4	16,168	0	0
VIPSHOP HOLDINGS LIMITED	SPONSORED ADS A	92763W103	4,889	163,739	SH	DFND	1 3 4	163,739	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	1,470	28,670	SH	DFND	1 3 4	28,670	0	0
VIR BIOTECHNOLOGY INC	COM	92764N102	586	11,428	SH	DFND	1 4	11,428	0	0
VIRGIN GALACTIC HOLDINGS INC	COM	92766K106	225	7,348	SH	DFND	1 4	7,348	0	0
VIRNETX HLDG CORP	COM	92823T108	60	10,786	SH	DFND	1 4	10,786	0	0
VIRTU FINL INC	CL A	928254101	219	7,046	SH	DFND	1 4	7,046	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	13,725	58,282	SH	DFND	1 3 4	58,282	0	0
VISA INC	COM CL A	92826C839	1,011,514	4,777,380	SH	DFND	1 3 4	4,772,398	0	4,982
VISA INC	COM CL A	92826C839	27,212	128,520	SH	DFND	1 4	128,520	0	0
VISA INC	COM CL A	92826C839	211	997	SH	SOLE		0	0	997
VISHAY INTERTECHNOLOGY INC	COM	928298108	31,542	1,309,911	SH	DFND	1 3 4	1,309,911	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	327	13,564	SH	DFND	1 4	13,564	0	0
VISTA OUTDOOR INC	COM	928377100	12,856	400,859	SH	DFND	1 3 4	400,859	0	0
VISTEON CORP	COM NEW	92839U206	28,171	231,004	SH	DFND	1 3 4	231,004	0	0
VISTEON CORP	COM NEW	92839U206	721	5,913	SH	DFND	1 4	5,913	0	0
VISTRA CORP	COM	92840M102	591	33,406	SH	DFND	1 4	33,406	0	0
VISTRA CORP	COM	92840M102	3,200	180,986	SH	DFND	1 3 4	180,986	0	0
VITAL FARMS INC	COM	92847W103	14,952	684,608	SH	DFND	1 3 4	684,608	0	0
VMWARE INC	CL A COM	928563402	903	6,005	SH	DFND	1 4	6,005	0	0
VOCERA COMMUNICATIONS INC	COM	92857F107	264	6,854	SH	DFND	1 4	6,854	0	0
VONAGE HLDGS CORP	COM	92886T201	19,025	1,609,562	SH	DFND	1 3 4	1,609,562	0	0
VONAGE HLDGS CORP	COM	92886T201	456	38,564	SH	DFND	1 4	38,564	0	0
VONTIER CORPORATION	COM	928881101	18,500	611,171	SH	DFND	1 3 4	611,171	0	0
VONTIER CORPORATION	COM	928881101	315	10,398	SH	DFND	1 4	10,398	0	0
VORNADO RLTY TR	SH BEN INT	929042109	8,170	179,997	SH	DFND	1 3 4	179,997	0	0
VORNADO RLTY TR	SH BEN INT	929042109	545	12,004	SH	DFND	1 4	12,004	0	0
VOYA FINANCIAL INC	COM	929089100	536	8,430	SH	DFND	1 4	8,430	0	0
VOYAGER THERAPEUTICS INC	COM	92915B106	123	26,069	SH	DFND	1 3 4	26,069	0	0
VROOM INC	COM	92918V109	28,300	725,836	SH	DFND	1 3 4	725,836	0	0
VROOM INC	COM	92918V109	412	10,567	SH	DFND	1 4	10,567	0	0
VULCAN MATLS CO	COM	929160109	765,912	4,538,740	SH	DFND	1 3 4	4,538,740	0	0
VULCAN MATLS CO	COM	929160109	1,517	8,991	SH	DFND	1 4	8,991	0	0
WABASH NATL CORP	COM	929566107	7,837	416,872	SH	DFND	1 3 4	416,872	0	0
WABTEC	COM	929740108	16,092	203,283	SH	DFND	1 3 4	203,283	0	0
WABTEC	COM	929740108	975	12,311	SH	DFND	1 4	12,311	0	0
WADDELL & REED FINL INC	CL A	930059100	10,705	427,355	SH	DFND	1 3 4	427,355	0	0
WAITR HLDGS INC	COM	930752100	52	17,636	SH	DFND	1 4	17,636	0	0

WALGREENS BOOTS ALLIANCE INC	COM	931427108	50,828	925,822	SH	DFND	1 3 4	925,822	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	866	15,771	SH	DFND	1 4	15,771	0	0
WALKER & DUNLOP INC	COM	93148P102	20,710	201,578	SH	DFND	1 3 4	201,578	0	0
WALKER & DUNLOP INC	COM	93148P102	321	3,126	SH	DFND	1 4	3,126	0	0
WALMART INC	COM	931142103	4,127	30,386	SH	DFND	1 4	30,386	0	0
WALMART INC	COM	931142103	257,826	1,898,149	SH	DFND	1 3 4	1,898,149	0	0
WARRIOR MET COAL INC	COM	93627C101	6,045	352,885	SH	DFND	1 3 4	352,885	0	0
WASHINGTON FED INC	COM	938824109	237	7,693	SH	DFND	1 4	7,693	0	0
WASHINGTON FED INC	COM	938824109	40,263	1,307,249	SH	DFND	1 3 4	1,296,306	0	10,943
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	12,844	581,176	SH	DFND	1 3 4	581,176	0	0
WASHINGTON TR BANCORP	COM	940610108	31,519	610,463	SH	DFND	1 3 4	609,745	0	718
WASTE CONNECTIONS INC	COM	94106B101	25,666	237,691	SH	DFND	1 3 4	234,980	0	2,711
WASTE MGMT INC DEL	COM	94106L109	57,535	445,941	SH	DFND	1 3 4	445,941	0	0
WASTE MGMT INC DEL	COM	94106L109	1,570	12,168	SH	DFND	1 4	12,168	0	0
WATERS CORP	COM	941848103	20,569	72,381	SH	DFND	1 3 4	72,381	0	0
WATERS CORP	COM	941848103	1,244	4,377	SH	DFND	1 4	4,377	0	0
WATSCO INC	COM	942622200	28,882	110,766	SH	DFND	1 3 4	110,766	0	0
WATSCO INC	COM	942622200	580	2,225	SH	DFND	1 4	2,225	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	492	4,145	SH	DFND	1 4	4,145	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	29,082	244,775	SH	DFND	1 3 4	244,775	0	0
WAYFAIR INC	CL A	94419L101	2,421	7,691	SH	DFND	1 4	7,691	0	0
WAYFAIR INC	CL A	94419L101	948	3,013	SH	DFND	1 3 4	3,013	0	0
WD-40 CO	COM	929236107	28,805	94,080	SH	DFND	1 3 4	94,080	0	0
WD-40 CO	COM	929236107	861	2,812	SH	DFND	1 4	2,812	0	0
WEBSTER FINL CORP CONN	COM	947890109	22,194	402,723	SH	DFND	1 3 4	402,723	0	0
WEBSTER FINL CORP CONN	COM	947890109	337	6,116	SH	DFND	1 4	6,116	0	0
WEC ENERGY GROUP INC	COM	92939U106	175,001	1,869,869	SH	DFND	1 3 4	1,865,999	0	3,870
WEC ENERGY GROUP INC	COM	92939U106	2,013	21,508	SH	DFND	1 4	21,508	0	0
WEIBO CORP	SPONSORED ADR	948596101	495	9,816	SH	DFND	1 3 4	0	0	9,816
WEINGARTEN RLTY INVS	SH BEN INT	948741103	16,992	631,451	SH	DFND	1 3 4	631,451	0	0
WEINGARTEN RLTY INVS	SH BEN INT	948741103	227	8,438	SH	DFND	1 4	8,438	0	0
WELBILT INC	COM	949090104	2,110	129,845	SH	DFND	1 3 4	129,845	0	0
WELBILT INC	COM	949090104	287	17,675	SH	DFND	1 4	17,675	0	0
WELLS FARGO CO NEW	COM	949746101	186,811	4,781,455	SH	DFND	1 3 4	4,781,455	0	0
WELLS FARGO CO NEW	COM	949746101	3,228	82,632	SH	DFND	1 4	82,632	0	0
WELLTOWER INC	COM	95040Q104	2,035	28,405	SH	DFND	1 4	28,405	0	0
WELLTOWER INC	COM	95040Q104	944,631	13,187,630	SH	DFND	2 3 4	13,187,630	0	0
WELLTOWER INC	COM	95040Q104	61,186	854,202	SH	DFND	1 3 4	854,202	0	0
WENDYS CO	COM	95058W100	12,226	603,468	SH	DFND	1 3 4	603,468	0	0
WENDYS CO	COM	95058W100	407	20,105	SH	DFND	1 4	20,105	0	0
WERNER ENTERPRISES INC	COM	950755108	9,081	192,523	SH	DFND	1 3 4	192,523	0	0
WERNER ENTERPRISES INC	COM	950755108	566	12,009	SH	DFND	1 4	12,009	0	0
WESBANCO INC	COM	950810101	16,457	456,388	SH	DFND	1 3 4	456,388	0	0
WESBANCO INC	COM	950810101	238	6,597	SH	DFND	1 4	6,597	0	0
WESCO INTL INC	COM	95082P105	8,203	94,805	SH	DFND	1 3 4	94,805	0	0
WESCO INTL INC	COM	95082P105	432	4,994	SH	DFND	1 4	4,994	0	0
WEST PHARMACEUTICAL	COM	955306105	25,816	91,619	SH	DFND	1 3 4	91,619	0	0

SVSC INC											
WEST PHARMACEUTICAL SVSC INC	COM	955306105	2,326	8,254	SH	DFND	1 4	8,254	0	0	
WESTAMERICA BANCORPORATION	COM	957090103	11,567	184,248	SH	DFND	1 3 4	184,248	0	0	
WESTERN ALLIANCE BANCORP	COM	957638109	631	6,681	SH	DFND	1 4	6,681	0	0	
WESTERN ALLIANCE BANCORP	COM	957638109	11,213	118,736	SH	DFND	1 3 4	118,736	0	0	
WESTERN DIGITAL CORP.	COM	958102105	23,386	350,345	SH	DFND	1 3 4	350,345	0	0	
WESTERN DIGITAL CORP.	COM	958102105	1,371	20,543	SH	DFND	1 4	20,543	0	0	
WESTERN UN CO	COM	959802109	16,046	650,704	SH	DFND	1 3 4	650,704	0	0	
WESTERN UN CO	COM	959802109	781	31,674	SH	DFND	1 4	31,674	0	0	
WESTLAKE CHEM CORP	COM	960413102	209	2,357	SH	DFND	1 4	2,357	0	0	
WESTROCK CO	COM	96145D105	29,972	575,842	SH	DFND	1 3 4	575,842	0	0	
WESTROCK CO	COM	96145D105	914	17,563	SH	DFND	1 4	17,563	0	0	
WEX INC	COM	96208T104	31,157	148,920	SH	DFND	1 3 4	148,920	0	0	
WEX INC	COM	96208T104	657	3,138	SH	DFND	1 4	3,138	0	0	
WEYERHAEUSER CO MTN BE	COM NEW	962166104	107,588	3,022,119	SH	DFND	2 3 4	3,022,119	0	0	
WEYERHAEUSER CO MTN BE	COM NEW	962166104	42,056	1,181,358	SH	DFND	1 3 4	1,181,358	0	0	
WEYERHAEUSER CO MTN BE	COM NEW	962166104	1,806	50,744	SH	DFND	1 4	50,744	0	0	
WHIRLPOOL CORP	COM	963320106	20,934	95,003	SH	DFND	1 3 4	95,003	0	0	
WHIRLPOOL CORP	COM	963320106	918	4,168	SH	DFND	1 4	4,168	0	0	
WHITE MTNS INS GROUP LTD	COM	G9618E107	232	208	SH	DFND	1 4	208	0	0	
WHITESTONE REIT	COM	966084204	2,662	274,444	SH	DFND	1 3 4	274,444	0	0	
WHITING PETE CORP NEW	COM NEW	966387508	12,085	340,892	SH	DFND	1 3 4	337,045	0	3,847	
WILEY JOHN & SONS INC	CL A	968223206	35,483	654,676	SH	DFND	1 3 4	653,858	0	818	
WILLIAMS COS INC	COM	969457100	34,229	1,444,872	SH	DFND	1 3 4	1,444,872	0	0	
WILLIAMS COS INC	COM	969457100	1,957	82,607	SH	DFND	1 4	82,607	0	0	
WILLIAMS SONOMA INC	COM	969904101	49,513	276,300	SH	DFND	1 3 4	276,300	0	0	
WILLIAMS SONOMA INC	COM	969904101	1,046	5,839	SH	DFND	1 4	5,839	0	0	
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	33,790	147,630	SH	DFND	1 3 4	147,630	0	0	
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	2,000	8,737	SH	DFND	1 4	8,737	0	0	
WILLSCOT MOBIL MINI HLDNG CO	COM CL A	971378104	675	24,324	SH	DFND	1 4	24,324	0	0	
WINGSTOP INC	COM	974155103	12,723	100,046	SH	DFND	1 3 4	100,046	0	0	
WINGSTOP INC	COM	974155103	804	6,321	SH	DFND	1 4	6,321	0	0	
WINNEBAGO INDS INC	COM	974637100	17,796	231,994	SH	DFND	1 3 4	231,994	0	0	
WINNEBAGO INDS INC	COM	974637100	510	6,644	SH	DFND	1 4	6,644	0	0	
WINTRUST FINL CORP	COM	97650W108	19,024	250,973	SH	DFND	1 3 4	250,973	0	0	
WINTRUST FINL CORP	COM	97650W108	301	3,970	SH	DFND	1 4	3,970	0	0	
WISDOMTREE INVTS INC	COM	97717P104	4,827	772,272	SH	DFND	1 3 4	772,272	0	0	
WISDOMTREE INVTS INC	COM	97717P104	89	14,198	SH	DFND	1 4	14,198	0	0	
WISDOMTREE TR	US HIGH DIVIDEND	97717W208	7,002	91,769	SH	DFND	1 3 4	91,769	0	0	
WISDOMTREE TR	ITL HIGH DIV FD	97717W802	4,769	121,320	SH	DFND	1 3 4	121,320	0	0	
WIX COM LTD	SHS	M98068105	743,459	2,662,627	SH	DFND	1 3 4	2,662,627	0	0	
WNS HLDGS LTD	SPON ADR	92932M101	7,320	101,050	SH	DFND	1 3 4	101,050	0	0	
WOLVERINE WORLD WIDE INC	COM	978097103	23,152	604,169	SH	DFND	1 3 4	604,169	0	0	
WOLVERINE WORLD WIDE INC	COM	978097103	316	8,242	SH	DFND	1 4	8,242	0	0	



WOODWARD INC	COM	980745103	23,834	197,582	SH	DFND	1 3 4	197,582	0	0
WOODWARD INC	COM	980745103	459	3,801	SH	DFND	1 4	3,801	0	0
WORKDAY INC	CL A	98138H101	3,382	13,613	SH	DFND	1 4	13,613	0	0
WORKDAY INC	CL A	98138H101	425	1,712	SH	DFND	1 3 4	1,712	0	0
WORKIVA INC	COM CL A	98139A105	748	8,472	SH	DFND	1 4	8,472	0	0
WORLD ACCEP CORPORATION	COM	981419104	3,520	27,126	SH	DFND	1 3 4	27,126	0	0
WORLD FUEL SVCS CORP	COM	981475106	21,650	615,050	SH	DFND	1 3 4	615,050	0	0
WORLD FUEL SVCS CORP	COM	981475106	223	6,324	SH	DFND	1 4	6,324	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	22,532	415,252	SH	DFND	1 3 4	415,252	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	282	5,198	SH	DFND	1 4	5,198	0	0
WORTHINGTON INDS INC	COM	981811102	7,790	116,107	SH	DFND	1 3 4	116,107	0	0
WORTHINGTON INDS INC	COM	981811102	237	3,532	SH	DFND	1 4	3,532	0	0
WP CAREY INC	COM	92936U109	829	11,710	SH	DFND	1 4	11,710	0	0
WSFS FINL CORP	COM	929328102	18,503	371,614	SH	DFND	1 3 4	371,614	0	0
WSFS FINL CORP	COM	929328102	238	4,789	SH	DFND	1 4	4,789	0	0
WW INTL INC	COM	98262P101	5,017	160,404	SH	DFND	1 3 4	160,404	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	437	6,264	SH	DFND	1 4	6,264	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	21,909	313,978	SH	DFND	1 3 4	313,978	0	0
WYNN RESORTS LTD	COM	983134107	15,107	120,501	SH	DFND	1 3 4	120,501	0	0
WYNN RESORTS LTD	COM	983134107	1,017	8,114	SH	DFND	1 4	8,114	0	0
XCEL ENERGY INC	COM	98389B100	196,806	2,959,055	SH	DFND	1 3 4	2,954,019	0	5,036
XCEL ENERGY INC	COM	98389B100	2,381	35,793	SH	DFND	1 4	35,793	0	0
XENCOR INC	COM	98401F105	17,697	410,982	SH	DFND	1 3 4	410,982	0	0
XENCOR INC	COM	98401F105	496	11,522	SH	DFND	1 4	11,522	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	15,250	782,052	SH	DFND	1 3 4	782,052	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	224	11,464	SH	DFND	1 4	11,464	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	20,148	830,177	SH	DFND	1 3 4	830,177	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	285	11,735	SH	DFND	1 4	11,735	0	0
XILINX INC	COM	983919101	3,406	27,487	SH	DFND	1 4	27,487	0	0
XILINX INC	COM	983919101	36,377	293,602	SH	DFND	1 3 4	293,602	0	0
XPERI HOLDING CORP	COM	98390M103	17,889	821,739	SH	DFND	1 3 4	821,739	0	0
XPERI HOLDING CORP	COM	98390M103	246	11,291	SH	DFND	1 4	11,291	0	0
XPO LOGISTICS INC	COM	983793100	42,575	345,295	SH	DFND	1 3 4	345,295	0	0
XPO LOGISTICS INC	COM	983793100	792	6,421	SH	DFND	1 4	6,421	0	0
XYLEM INC	COM	98419M100	32,255	306,661	SH	DFND	1 3 4	306,661	0	0
XYLEM INC	COM	98419M100	1,280	12,169	SH	DFND	1 4	12,169	0	0
YANDEX N V	SHS CLASS A	N97284108	1,020	15,922	SH	DFND	1 3 4	15,922	0	0
YELP INC	CL A	985817105	9,257	237,362	SH	DFND	1 3 4	237,362	0	0
YELP INC	CL A	985817105	345	8,846	SH	DFND	1 4	8,846	0	0
YETI HLDGS INC	COM	98585X104	84,763	1,173,846	SH	DFND	1 3 4	1,164,441	0	9,405
YETI HLDGS INC	COM	98585X104	1,232	17,065	SH	DFND	1 4	17,065	0	0
YEXT INC	COM	98585N106	326	22,528	SH	DFND	1 4	22,528	0	0
Y-MABS THERAPEUTICS INC	COM	984241109	269	8,888	SH	DFND	1 3 4	8,888	0	0
YORK WTR CO	COM	987184108	280	5,710	SH	DFND	1 3 4	5,710	0	0
YUM BRANDS INC	COM	988498101	37,171	343,604	SH	DFND	1 3 4	343,604	0	0
YUM BRANDS INC	COM	988498101	843	7,794	SH	DFND	1 4	7,794	0	0
YUM CHINA HLDGS INC	COM	98850P109	1,695	28,625	SH	DFND	1 4	28,625	0	0
ZEBRA TECHNOLOGIES CORPORATI	CL A	989207105	32,270	66,511	SH	DFND	1 3 4	66,511	0	0
ZEBRA TECHNOLOGIES	CL A	989207105	2,767	5,704	SH	DFND	1 4	5,704	0	0

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ZENDESK INC	COM	98936J101	59,875	451,477	SH	DFND	1 3 4	451,477	0	0
ZENDESK INC	COM	98936J101	1,711	12,904	SH	DFND	1 4	12,904	0	0
ZENTALIS PHARMACEUTICALS INC	COM	98943L107	256	5,911	SH	DFND	1 4	5,911	0	0
ZILLOW GROUP INC	CL A	98954M101	9,642	73,393	SH	DFND	1 3 4	73,393	0	0
ZILLOW GROUP INC	CL A	98954M101	557	4,242	SH	DFND	1 4	4,242	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	1,365	10,527	SH	DFND	1 4	10,527	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	43,141	269,497	SH	DFND	1 3 4	269,497	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	2,257	14,101	SH	DFND	1 4	14,101	0	0
ZIONS BANCORPORATION N A	COM	989701107	607	11,046	SH	DFND	1 4	11,046	0	0
ZIONS BANCORPORATION N A	COM	989701107	14,241	259,122	SH	DFND	1 3 4	259,122	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	171	47,580	SH	DFND	1 3 4	47,580	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	138	38,221	SH	DFND	1 4	38,221	0	0
ZIX CORP	COM	98974P100	88	11,656	SH	DFND	1 4	11,656	0	0
ZOETIS INC	CL A	98978V103	179,650	1,140,779	SH	DFND	1 3 4	1,140,779	0	0
ZOETIS INC	CL A	98978V103	5,316	33,759	SH	DFND	1 4	33,759	0	0
ZOGENIX INC	COM NEW	98978L204	241	12,324	SH	DFND	1 3 4	12,324	0	0
ZOGENIX INC	COM NEW	98978L204	231	11,855	SH	DFND	1 4	11,855	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	675	2,100	SH	DFND	1 3 4	2,100	0	0
ZOOM VIDEO COMMUNICATIONS IN	CL A	98980L101	4,279	13,317	SH	DFND	1 4	13,317	0	0
ZSCALER INC	COM	98980G102	6,461	37,639	SH	DFND	1 3 4	37,639	0	0
ZSCALER INC	COM	98980G102	1,381	8,042	SH	DFND	1 4	8,042	0	0
ZUMIEZ INC	COM	989817101	6,159	143,559	SH	DFND	1 3 4	143,559	0	0
ZUORA INC	COM CL A	98983V106	325	21,969	SH	DFND	1 4	21,969	0	0
ZYNEX INC	COM	98986M103	2,045	133,944	SH	DFND	1 3 4	133,944	0	0
ZYNKA INC	CL A	98986T108	953	93,307	SH	DFND	1 4	93,307	0	0