

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: 03-31-2020

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

Institutional Investment Manager Filing this Report:

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

Form 13F File Number: 028-10106

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

Person Signing this Report on Behalf of Reporting Manager:

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

Signature, Place, and Date of Signing:

Jill Hittner Des Moines, IA 05-04-2020  
[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
028-10449	Columbus Circle Investors
028-13785	Origin Asset Management, LLP
028-23565	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: 3,391  
Form 13F Information Table Value Total: 90,349,373  
(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
21VIANET GROUP INC	SPONSORED ADS A	90138A103	274	19,768	SH		DFND	2 3 4	19,768	0	0
3-D SYS CORP DEL	COM NEW	88554D205	6,927	898,442	SH		DFND	1 3 4	898,442	0	0
3M CO	COM	88579Y101	139,128	1,019,174	SH		DFND	1 3 4	1,018,676	0	498
3M CO	COM	88579Y101	3,802	27,848	SH		DFND	1 4	27,848	0	0
8X8 INC NEW	COM	282914100	10,539	760,397	SH		DFND	1 3 4	760,397	0	0
AAON INC	COM PAR \$0.004	000360206	14,897	308,312	SH		DFND	1 3 4	308,312	0	0
AAR CORP	COM	000361105	4,429	249,394	SH		DFND	1 3 4	249,394	0	0
AARONS INC	COM PAR \$0.50	002535300	11,858	520,539	SH		DFND	1 3 4	514,943	0	5,596
AARONS INC	COM PAR \$0.50	002535300	249	10,944	SH		DFND	1 4	10,944	0	0
ABBOTT LABS	COM	002824100	382,780	4,850,843	SH		DFND	1 3 4	4,846,197	0	4,646
ABBOTT LABS	COM	002824100	7,604	96,363	SH		DFND	1 4	96,363	0	0
ABBVIE INC	COM	00287Y109	155,206	2,037,095	SH		DFND	1 3 4	2,037,095	0	0
ABBVIE INC	COM	00287Y109	9,004	118,184	SH		DFND	1 4	118,184	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	4,328	476,128	SH		DFND	1 3 4	476,128	0	0
ABIOMED INC	COM	003654100	8,868	61,091	SH		DFND	1 3 4	61,091	0	0
ABIOMED INC	COM	003654100	786	5,412	SH		DFND	1 4	5,412	0	0
ABM INDS INC	COM	000957100	13,155	540,044	SH		DFND	1 3 4	540,044	0	0
ABRAXAS PETE CORP	COM	003830106	1	12,025	SH		DFND	1 4	12,025	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	245	3,653	SH		DFND	1 4	3,653	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	5,683	309,701	SH		DFND	1 3 4	309,701	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	2,171	51,388	SH		DFND	1 3 4	51,388	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	604	14,296	SH		DFND	1 4	14,296	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	8,173	659,670	SH		DFND	1 3 4	659,670	0	0
ACCELERON PHARMA INC	COM	00434H108	9,560	106,370	SH		DFND	1 3 4	106,370	0	0
ACCELERON PHARMA INC	COM	00434H108	496	5,521	SH		DFND	1 4	5,521	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	165,969	1,016,594	SH		DFND	1 3 4	1,016,594	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	11,860	72,647	SH		DFND	1 4	72,647	0	0
ACCO BRANDS CORP	COM	00081T108	84	16,673	SH		DFND	1 3 4	16,673	0	0
ACCO BRANDS CORP	COM	00081T108	52	10,293	SH		DFND	1 4	10,293	0	0
ACCURAY INC	COM	004397105	63	33,253	SH		DFND	1 3 4	33,253	0	0
ACCURAY INC	COM	004397105	27	14,334	SH		DFND	1 4	14,334	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	14	11,595	SH		DFND	1 3 4	11,595	0	0
ACI WORLDWIDE INC	COM	004498101	8,323	344,629	SH		DFND	1 3 4	344,629	0	0

ACI WORLDWIDE INC	COM	004498101	402	16,627	SH	DFND	1 4	16,627	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	387	414,579	SH	DFND	1 3 4	414,579	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	63,126	1,061,290	SH	DFND	1 3 4	1,061,290	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	966	16,238	SH	DFND	1 4	16,238	0	0
ACUITY BRANDS INC	COM	00508Y102	308	3,592	SH	DFND	1 4	3,592	0	0
ACUITY BRANDS INC	COM	00508Y102	10,173	118,762	SH	DFND	1 3 4	118,762	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	72,806	2,830,840	SH	DFND	1 3 4	2,828,760	0	2,080
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	1,919	69,070	SH	DFND	1 3 4	69,070	0	0
ADDUS HOMECARE CORP	COM	006739106	26,003	384,649	SH	DFND	1 3 4	384,649	0	0
ADIENT PLC	ORD SHS	G0084W101	2,334	257,280	SH	DFND	1 3 4	257,280	0	0
ADOBE INC	COM	00724F101	500,098	1,571,451	SH	DFND	1 3 4	1,567,870	0	3,581
ADOBE INC	COM	00724F101	9,169	28,813	SH	DFND	1 4	28,813	0	0
ADT INC	COM	00090Q103	397	91,832	SH	DFND	1 3 4	91,832	0	0
ADT INC	COM	00090Q103	64	14,886	SH	DFND	1 4	14,886	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	4,275	159,587	SH	DFND	1 3 4	159,587	0	0
ADTRAN INC	COM	00738A106	2,787	362,847	SH	DFND	1 3 4	362,847	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	8,766	93,930	SH	DFND	1 3 4	93,930	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	821	8,801	SH	DFND	1 4	8,801	0	0
ADVANCED DISP SVCS INC DEL	COM	00790X101	226	6,892	SH	DFND	1 4	6,892	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	9,394	319,102	SH	DFND	1 3 4	319,102	0	0
ADVANCED ENERGY INDS	COM	007973100	28,412	585,929	SH	DFND	1 3 4	585,929	0	0
ADVANCED ENERGY INDS	COM	007973100	280	5,765	SH	DFND	1 4	5,765	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	72,409	1,592,102	SH	DFND	1 3 4	1,592,102	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	4,041	88,844	SH	DFND	1 4	88,844	0	0
ADVANSIX INC	COM	00773T101	2,023	212,047	SH	DFND	1 3 4	212,047	0	0
ADVERUM BIOTECHNOLOGIES INC	COM	00773U108	99	10,083	SH	DFND	1 3 4	10,083	0	0
AECOM	COM	00766T100	13,879	464,971	SH	DFND	1 3 4	464,971	0	0
AECOM	COM	00766T100	462	15,476	SH	DFND	1 4	15,476	0	0
AEGION CORP	COM	00770F104	4,669	260,421	SH	DFND	1 3 4	260,421	0	0
AERCAP HOLDINGS NV	SHS	N00985106	49,545	2,174,000	SH	DFND	1 3 4	2,158,770	0	15,230
AERCAP HOLDINGS NV	SHS	N00985106	260	11,426	SH	DFND	1 4	11,426	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	40,412	966,091	SH	DFND	1 3 4	966,091	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	279	6,670	SH	DFND	1 4	6,670	0	0
AEROVIRONMENT INC	COM	008073108	9,986	163,818	SH	DFND	1 3 4	163,818	0	0
AES CORP	COM	00130H105	12,454	915,764	SH	DFND	1 3 4	915,764	0	0
AES CORP	COM	00130H105	1,119	82,298	SH	DFND	1 4	82,298	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	8,671	146,621	SH	DFND	1 3 4	146,621	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	306	5,174	SH	DFND	1 4	5,174	0	0
AFLAC INC	COM	001055102	34,535	1,008,621	SH	DFND	1 3 4	1,008,621	0	0
AFLAC INC	COM	001055102	991	28,955	SH	DFND	1 4	28,955	0	0
AGCO CORP	COM	001084102	9,002	190,510	SH	DFND	1 3 4	190,510	0	0
AGCO CORP	COM	001084102	314	6,648	SH	DFND	1 4	6,648	0	0
AGENUS INC	COM NEW	00847G705	49	20,044	SH	DFND	1 3 4	20,044	0	0
AGENUS INC	COM NEW	00847G705	37	14,960	SH	DFND	1 4	14,960	0	0
AGILENT	COM	00846U101	30,001	418,887	SH	DFND	1 3 4	418,887	0	0

TECHNOLOGIES INC										
AGILENT TECHNOLOGIES INC	COM	00846U101	1,816	25,351	SH	DFND	1 4	25,351	0	0
AGILYSYS INC	COM	00847J105	2,580	154,513	SH	DFND	1 3 4	154,513	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	322	9,064	SH	DFND	1 3 4	9,064	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	211	5,954	SH	DFND	1 4	5,954	0	0
AGNC INVT CORP	COM	00123Q104	665	62,849	SH	DFND	1 4	62,849	0	0
AGREE REALTY CORP	COM	008492100	82,285	1,329,322	SH	DFND	1 3 4	1,328,873	0	449
AGREE REALTY CORP	COM	008492100	278	4,486	SH	DFND	1 4	4,486	0	0
AGREE REALTY CORP	COM	008492100	5,703	92,133	SH	DFND	2 3 4	92,133	0	0
AIR LEASE CORP	CL A	00912X302	247	11,137	SH	DFND	1 4	11,137	0	0
AIR PRODS & CHEMS INC	COM	009158106	292,166	1,463,686	SH	DFND	1 3 4	1,462,522	0	1,164
AIR PRODS & CHEMS INC	COM	009158106	1,097	5,498	SH	DFND	1 4	5,498	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	20,394	222,906	SH	DFND	1 3 4	222,906	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	1,866	20,401	SH	DFND	1 4	20,401	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	139	18,363	SH	DFND	1 3 4	18,363	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	92	12,171	SH	DFND	1 4	12,171	0	0
AKORN INC	COM	009728106	413	736,200	SH	DFND	1 3 4	736,200	0	0
AKORN INC	COM	009728106	13	22,939	SH	DFND	1 4	22,939	0	0
ALAMO GROUP INC	COM	011311107	6,952	78,302	SH	DFND	1 3 4	78,302	0	0
ALARM COM HLDGS INC	COM	011642105	10,754	276,380	SH	DFND	1 3 4	276,380	0	0
ALASKA AIR GROUP INC	COM	011659109	473	16,605	SH	DFND	1 4	16,605	0	0
ALASKA AIR GROUP INC	COM	011659109	12,253	430,353	SH	DFND	1 3 4	427,035	0	3,318
ALBANY INTL CORP	CL A	012348108	43,128	911,266	SH	DFND	1 3 4	910,725	0	541
ALBANY INTL CORP	CL A	012348108	222	4,681	SH	DFND	1 4	4,681	0	0
ALBEMARLE CORP	COM	012653101	8,086	143,451	SH	DFND	1 3 4	143,451	0	0
ALBEMARLE CORP	COM	012653101	332	5,887	SH	DFND	1 4	5,887	0	0
ALCOA CORP	COM	013872106	1,317	213,916	SH	DFND	1 3 4	213,916	0	0
ALCOA CORP	COM	013872106	132	21,348	SH	DFND	1 4	21,348	0	0
ALECTOR INC	COM	014442107	615	25,482	SH	DFND	1 3 4	25,482	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	6,109	544,456	SH	DFND	1 3 4	544,456	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	1,229	8,965	SH	DFND	1 4	8,965	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	521,681	3,806,266	SH	DFND	2 3 4	3,806,266	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	217,958	1,590,240	SH	DFND	1 3 4	1,581,727	0	8,513
ALEXION PHARMACEUTICALS INC	COM	015351109	1,278	14,236	SH	DFND	1 4	14,236	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	26,911	299,712	SH	DFND	1 3 4	299,712	0	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	425,910	2,189,994	SH	DFND	1 3 4	2,139,020	0	50,974
ALIGN TECHNOLOGY INC	COM	016255101	16,955	97,470	SH	DFND	1 3 4	97,470	0	0
ALIGN TECHNOLOGY INC	COM	016255101	1,640	9,429	SH	DFND	1 4	9,429	0	0
ALKERMES PLC	SHS	G01767105	358	24,841	SH	DFND	1 3 4	24,841	0	0
ALKERMES PLC	SHS	G01767105	222	15,380	SH	DFND	1 4	15,380	0	0
ALLAKOS INC	COM	01671P100	332	7,465	SH	DFND	1 3 4	7,465	0	0
ALLEGHANY CORP DEL	COM	017175100	23,543	42,624	SH	DFND	1 3 4	42,624	0	0

ALLEGHANY CORP DEL	COM	017175100	888	1,607	SH	DFND	1 4	1,607	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	3,180	374,154	SH	DFND	1 3 4	374,154	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	132	15,489	SH	DFND	1 4	15,489	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	3,740	155,137	SH	DFND	1 3 4	155,137	0	0
ALLEGIANT TRAVEL CO	COM	01748X102	9,286	113,522	SH	DFND	1 3 4	113,522	0	0
ALLEGION PLC	ORD SHS	G0176J109	12,060	131,060	SH	DFND	1 3 4	131,060	0	0
ALLEGION PLC	ORD SHS	G0176J109	1,194	12,970	SH	DFND	1 4	12,970	0	0
ALLERGAN PLC	SHS	G0177J108	78,767	444,762	SH	DFND	1 3 4	444,762	0	0
ALLERGAN PLC	SHS	G0177J108	1,123	6,339	SH	DFND	1 4	6,339	0	0
ALLETE INC	COM NEW	018522300	85,651	1,411,593	SH	DFND	1 3 4	1,410,605	0	988
ALLETE INC	COM NEW	018522300	245	4,044	SH	DFND	1 4	4,044	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2,224	66,093	SH	DFND	1 3 4	66,093	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	200	5,955	SH	DFND	1 4	5,955	0	0
ALLIANT ENERGY CORP	COM	018802108	36,654	759,038	SH	DFND	1 3 4	751,796	0	7,242
ALLIANT ENERGY CORP	COM	018802108	978	20,259	SH	DFND	1 4	20,259	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	509	15,607	SH	DFND	1 4	15,607	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	390	11,966	SH	DFND	1 3 4	11,966	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	2,628	135,165	SH	DFND	1 3 4	135,165	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	3,398	482,713	SH	DFND	1 3 4	482,713	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	125	17,788	SH	DFND	1 4	17,788	0	0
ALLSTATE CORP	COM	020002101	75,280	820,673	SH	DFND	1 3 4	819,713	0	960
ALLSTATE CORP	COM	020002101	1,118	12,187	SH	DFND	1 4	12,187	0	0
ALLY FINL INC	COM	02005N100	639	44,290	SH	DFND	1 4	44,290	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	1,857	17,064	SH	DFND	1 3 4	17,064	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	1,290	11,853	SH	DFND	1 4	11,853	0	0
ALPHABET INC	CAP STK CL C	02079K107	841,801	723,937	SH	DFND	1 3 4	723,937	0	0
ALPHABET INC	CAP STK CL C	02079K107	24,450	21,027	SH	DFND	1 4	21,027	0	0
ALPHABET INC	CAP STK CL A	02079K305	615,736	529,916	SH	DFND	1 3 4	529,089	0	827
ALPHABET INC	CAP STK CL A	02079K305	24,356	20,961	SH	DFND	1 4	20,961	0	0
ALPHATEC HLDGS INC	COM NEW	02081G201	73	21,060	SH	DFND	1 3 4	21,060	0	0
ALTERYX INC	COM CL A	02156B103	547	5,745	SH	DFND	1 4	5,745	0	0
ALTICE USA INC	CL A	02156K103	4,994	224,034	SH	DFND	1 3 4	224,034	0	0
ALTICE USA INC	CL A	02156K103	826	37,039	SH	DFND	1 4	37,039	0	0
ALTRIA GROUP INC	COM	02209S103	98,412	2,544,919	SH	DFND	1 3 4	2,544,919	0	0
ALTRIA GROUP INC	COM	02209S103	4,715	121,924	SH	DFND	1 4	121,924	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	1,621	262,262	SH	DFND	1 3 4	262,262	0	0
AMAZON COM INC	COM	023135106	62,257	31,931	SH	DFND	1 4	31,931	0	0
AMAZON COM INC	COM	023135106	505	259	SH	SOLE		0	0	259
AMAZON COM INC	COM	023135106	1,707,700	875,869	SH	DFND	1 3 4	875,263	0	606
AMBAC FINL GROUP INC	COM NEW	023139884	4,265	345,608	SH	DFND	1 3 4	345,608	0	0
AMBARELLA INC	SHS	G037AX101	272	5,604	SH	DFND	1 3 4	5,604	0	0
AMBEV SA	SPONSORED ADR	02319V103	9,284	4,036,661	SH	DFND	1 3 4	3,888,661	0	148,000
AMC ENTMT HLDGS INC	CL A COM	00165C104	199	63,062	SH	DFND	1 3 4	63,062	0	0
AMC NETWORKS INC	CL A	00164V103	3,697	152,069	SH	DFND	1 3 4	152,069	0	0
AMDOCS LTD	SHS	G02602103	50,402	916,925	SH	DFND	1 3 4	916,152	0	773
AMDOCS LTD	SHS	G02602103	734	13,357	SH	DFND	1 4	13,357	0	0
AMEDISYS INC	COM	023436108	17,633	96,071	SH	DFND	1 3 4	96,071	0	0

AMEDISYS INC	COM	023436108	785	4,277	SH	DFND	1 4	4,277	0	0
AMER STATES WTR CO	COM	029899101	289	3,532	SH	DFND	1 4	3,532	0	0
AMER STATES WTR CO	COM	029899101	27,048	330,902	SH	DFND	1 3 4	330,902	0	0
AMERCO	COM	023586100	261	900	SH	DFND	1 4	900	0	0
AMERCO	COM	023586100	115,945	399,054	SH	DFND	1 3 4	399,054	0	0
AMEREN CORP	COM	023608102	25,047	343,905	SH	DFND	1 3 4	343,905	0	0
AMEREN CORP	COM	023608102	1,340	18,393	SH	DFND	1 4	18,393	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	6,679	547,933	SH	DFND	1 3 4	547,933	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	263	21,609	SH	DFND	1 4	21,609	0	0
AMERICAN ASSETS TR INC	COM	024013104	9,110	364,393	SH	DFND	1 3 4	364,393	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	3,085	854,482	SH	DFND	1 3 4	854,482	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	11,283	406,594	SH	DFND	1 3 4	406,594	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	398	14,345	SH	DFND	1 4	14,345	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	199	25,053	SH	DFND	1 4	25,053	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	4,099	515,537	SH	DFND	1 3 4	515,537	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	55,699	696,414	SH	DFND	1 3 4	696,414	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	764	9,550	SH	DFND	1 4	9,550	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	13,014	692,255	SH	DFND	1 3 4	692,255	0	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	196	10,422	SH	DFND	1 4	10,422	0	0
AMERICAN EXPRESS CO	COM	025816109	77,940	910,404	SH	DFND	1 3 4	910,404	0	0
AMERICAN EXPRESS CO	COM	025816109	3,467	40,497	SH	DFND	1 4	40,497	0	0
AMERICAN FIN TR INC	COM CLASS A	02607T109	109	17,422	SH	DFND	1 4	17,422	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	16,662	237,756	SH	DFND	1 3 4	237,756	0	0
AMERICAN FINL GROUP INC OHIO	COM	025932104	632	9,023	SH	DFND	1 4	9,023	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	13,212	569,470	SH	DFND	1 3 4	569,470	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	645	27,805	SH	DFND	1 4	27,805	0	0
AMERICAN HOMES 4 RENT	CL A	02665T306	395,319	17,039,838	SH	DFND	2 3 4	17,039,838	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	28,551	1,177,354	SH	DFND	1 3 4	1,177,354	0	0
AMERICAN INTL GROUP INC	COM NEW	026874784	409	16,870	SH	DFND	1 4	16,870	0	0
AMERICAN PUBLIC EDUCATION IN	COM	02913V103	2,796	116,822	SH	DFND	1 3 4	116,822	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	375,435	1,724,155	SH	DFND	1 3 4	1,720,748	0	3,407
AMERICAN TOWER CORP NEW	COM	03027X100	9,122	41,892	SH	DFND	1 4	41,892	0	0
AMERICAN TOWER CORP NEW	COM	03027X100	369,129	1,695,211	SH	DFND	2 3 4	1,695,211	0	0
AMERICAN VANGUARD CORP	COM	030371108	2,914	201,537	SH	DFND	1 3 4	201,537	0	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	5,678	124,602	SH	DFND	1 3 4	124,602	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	47,133	394,221	SH	DFND	1 3 4	394,221	0	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	1,624	13,579	SH	DFND	1 4	13,579	0	0
AMERICAS CAR MART INC	COM	03062T105	2,853	50,637	SH	DFND	1 3 4	50,637	0	0
AMERICOLD RLTY TR	COM	03064D108	225	6,624	SH	DFND	1 4	6,624	0	0

AMERICOLD RLTY TR	COM	03064D108	162,275	4,767,231	SH	DFND	2 3 4	4,767,231	0	0
AMERICOLD RLTY TR	COM	03064D108	8,142	239,191	SH	DFND	1 3 4	239,191	0	0
AMERIPRISE FINL INC	COM	03076C106	1,734	16,923	SH	DFND	1 4	16,923	0	0
AMERIPRISE FINL INC	COM	03076C106	29,617	289,008	SH	DFND	1 3 4	289,008	0	0
AMERIS BANCORP	COM	03076K108	11,811	497,075	SH	DFND	1 3 4	497,075	0	0
AMERISAFE INC	COM	03071H100	10,501	162,884	SH	DFND	1 3 4	162,884	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	18,352	207,365	SH	DFND	1 3 4	207,365	0	0
AMERISOURCEBERGEN CORP	COM	03073E105	1,717	19,403	SH	DFND	1 4	19,403	0	0
AMETEK INC	COM	031100100	27,623	383,552	SH	DFND	1 3 4	383,552	0	0
AMETEK INC	COM	031100100	2,171	30,151	SH	DFND	1 4	30,151	0	0
AMGEN INC	COM	031162100	180,061	888,181	SH	DFND	1 3 4	888,181	0	0
AMGEN INC	COM	031162100	9,189	45,328	SH	DFND	1 4	45,328	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	363	39,321	SH	DFND	1 3 4	39,321	0	0
AMICUS THERAPEUTICS INC	COM	03152W109	300	32,508	SH	DFND	1 4	32,508	0	0
AMKOR TECHNOLOGY INC	COM	031652100	108	13,848	SH	DFND	1 4	13,848	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	44,199	764,545	SH	DFND	1 3 4	764,545	0	0
AMN HEALTHCARE SVCS INC	COM	001744101	381	6,594	SH	DFND	1 4	6,594	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	268	76,930	SH	DFND	1 3 4	76,930	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	59	16,937	SH	DFND	1 4	16,937	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	3,858	259,962	SH	DFND	1 3 4	259,962	0	0
AMPHENOL CORP NEW	CL A	032095101	29,360	402,855	SH	DFND	1 3 4	402,855	0	0
AMPHENOL CORP NEW	CL A	032095101	2,550	34,990	SH	DFND	1 4	34,990	0	0
AMYRIS INC	COM NEW	03236M200	38	14,771	SH	DFND	1 3 4	14,771	0	0
ANALOG DEVICES INC	COM	032654105	812	9,063	SH	DFND	1 4	9,063	0	0
ANALOG DEVICES INC	COM	032654105	44,836	500,124	SH	DFND	1 3 4	500,124	0	0
ANDERSONS INC	COM	034164103	4,637	247,350	SH	DFND	1 3 4	247,350	0	0
ANGIODYNAMICS INC	COM	03475V101	2,982	285,918	SH	DFND	1 3 4	285,918	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	3,289	80,721	SH	DFND	1 3 4	80,721	0	0
ANIKA THERAPEUTICS INC	COM	035255108	3,324	114,992	SH	DFND	1 3 4	114,992	0	0
ANIXTER INTL INC	COM	035290105	20,098	228,726	SH	DFND	1 3 4	228,726	0	0
ANIXTER INTL INC	COM	035290105	301	3,424	SH	DFND	1 4	3,424	0	0
ANNALY CAPITAL MANAGEMENT IN	COM	035710409	799	157,499	SH	DFND	1 4	157,499	0	0
ANSYS INC	COM	03662Q105	414,270	1,782,032	SH	DFND	1 3 4	1,782,032	0	0
ANSYS INC	COM	03662Q105	2,192	9,431	SH	DFND	1 4	9,431	0	0
ANTARES PHARMA INC	COM	036642106	55	23,391	SH	DFND	1 4	23,391	0	0
ANTERO RESOURCES CORP	COM	03674X106	12	17,517	SH	DFND	1 4	17,517	0	0
ANTHEM INC	COM	036752103	78,595	346,173	SH	DFND	1 3 4	346,173	0	0
ANTHEM INC	COM	036752103	3,768	16,595	SH	DFND	1 4	16,595	0	0
ANWORTH MORTGAGE ASSET CP	COM	037347101	13	11,311	SH	DFND	1 4	11,311	0	0
AON PLC	SHS CL A	G0408V102	240,184	1,455,306	SH	DFND	1 3 4	1,455,306	0	0
AON PLC	SHS CL A	G0408V102	3,335	20,206	SH	DFND	1 4	20,206	0	0
APACHE CORP	COM	037411105	2,130	509,477	SH	DFND	1 3 4	509,477	0	0
APACHE CORP	COM	037411105	153	36,688	SH	DFND	1 4	36,688	0	0
APARTMENT INVT & MGMT CO	CL A	03748R754	16,949	482,192	SH	DFND	1 3 4	482,192	0	0
APARTMENT INVT & MGMT CO	CL A	03748R754	658	18,733	SH	DFND	1 4	18,733	0	0

APARTMENT INVT & MGMT CO	CL A	03748R754	228,859	6,511,062	SH	DFND	2 3 4	6,511,062	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	258	9,616	SH	DFND	1 3 4	9,616	0	0
APERGY CORP	COM	03755L104	1,316	228,936	SH	DFND	1 3 4	228,936	0	0
APOGEE ENTERPRISES INC	COM	037598109	4,194	201,450	SH	DFND	1 3 4	201,450	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	9,065	1,221,744	SH	DFND	1 3 4	1,221,744	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	153	20,630	SH	DFND	1 4	20,630	0	0
APPFOLIO INC	COM CL A	03783C100	1,651	14,882	SH	DFND	1 3 4	14,882	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	3,241	353,470	SH	DFND	1 3 4	353,470	0	0
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	226	24,624	SH	DFND	1 4	24,624	0	0
APPLE INC	COM	037833100	1,748,225	6,874,924	SH	DFND	1 3 4	6,869,017	0	5,907
APPLE INC	COM	037833100	89,354	351,386	SH	DFND	1 4	351,386	0	0
APPLE INC	COM	037833100	960	3,775	SH	SOLE		0	0	3,775
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	14,383	314,599	SH	DFND	1 3 4	314,599	0	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	263	5,751	SH	DFND	1 4	5,751	0	0
APPLIED MATLS INC	COM	038222105	4,379	95,579	SH	DFND	1 4	95,579	0	0
APPLIED MATLS INC	COM	038222105	60,907	1,329,266	SH	DFND	1 3 4	1,329,266	0	0
APPLIED OPTOELECTRONICS INC	COM	03823U102	1,101	144,997	SH	DFND	1 3 4	144,997	0	0
APTARGROUP INC	COM	038336103	18,838	189,251	SH	DFND	1 3 4	189,251	0	0
APTARGROUP INC	COM	038336103	626	6,291	SH	DFND	1 4	6,291	0	0
APTIV PLC	SHS	G6095L109	17,006	345,374	SH	DFND	1 3 4	345,374	0	0
APTIV PLC	SHS	G6095L109	1,114	22,617	SH	DFND	1 4	22,617	0	0
ARAMARK	COM	03852U106	412	20,613	SH	DFND	1 4	20,613	0	0
ARBOR RLTY TR INC	COM	038923108	680	138,743	SH	DFND	1 3 4	138,743	0	0
ARCBEST CORP	COM	03937C105	3,634	207,395	SH	DFND	1 3 4	207,395	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	303,685	10,670,566	SH	DFND	1 3 4	10,670,566	0	0
ARCH CAP GROUP LTD	ORD	G0450A105	1,163	40,864	SH	DFND	1 4	40,864	0	0
ARCH COAL INC	CL A	039380407	486	16,813	SH	DFND	1 3 4	16,813	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	29,575	840,668	SH	DFND	1 3 4	840,668	0	0
ARCHER DANIELS MIDLAND CO	COM	039483102	2,193	62,340	SH	DFND	1 4	62,340	0	0
ARCHROCK INC	COM	03957W106	64	16,916	SH	DFND	1 4	16,916	0	0
ARCHROCK INC	COM	03957W106	3,786	1,006,851	SH	DFND	1 3 4	1,006,851	0	0
ARCONIC INC	COM	03965L100	8,447	525,984	SH	DFND	1 3 4	525,984	0	0
ARCONIC INC	COM	03965L100	512	31,855	SH	DFND	1 4	31,855	0	0
ARCOSA INC	COM	039653100	15,668	394,266	SH	DFND	1 3 4	394,266	0	0
ARCOSA INC	COM	039653100	210	5,292	SH	DFND	1 4	5,292	0	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	323	7,698	SH	DFND	1 3 4	7,698	0	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	264	6,285	SH	DFND	1 4	6,285	0	0
ARES COML REAL ESTATE CORP	COM	04013V108	219	31,356	SH	DFND	1 3 4	31,356	0	0
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	216	6,979	SH	DFND	1 4	6,979	0	0
ARISTA NETWORKS INC	COM	040413106	1,378	6,801	SH	DFND	1 4	6,801	0	0
ARISTA NETWORKS INC	COM	040413106	14,865	73,387	SH	DFND	1 3 4	73,387	0	0
ARK ETF TR	INNOVATION ETF	00214Q104	250	5,688	SH	SOLE		0	0	5,688
ARLO TECHNOLOGIES INC	COM	04206A101	1,396	574,383	SH	DFND	1 3 4	574,383	0	0
ARMADA HOFFLER PPTY INC	COM	04208T108	4,505	421,044	SH	DFND	1 3 4	421,044	0	0



ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	3,936	446,789	SH	DFND	1 3 4	446,789	0	0
ARMSTRONG WORLD INDS INC	COM	04247X102	549	6,911	SH	DFND	1 4	6,911	0	0
ARROW ELECTRS INC	COM	042735100	26,995	520,430	SH	DFND	1 3 4	515,938	0	4,492
ARROW ELECTRS INC	COM	042735100	439	8,471	SH	DFND	1 4	8,471	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	10,649	370,157	SH	DFND	1 3 4	370,157	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	366	12,713	SH	DFND	1 4	12,713	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	819	38,096	SH	DFND	1 3 4	38,096	0	0
ARVINAS INC	COM	04335A105	207	5,135	SH	DFND	1 3 4	5,135	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	8,440	152,811	SH	DFND	1 3 4	152,811	0	0
ASGN INC	COM	00191U102	5,526	156,453	SH	DFND	1 3 4	156,453	0	0
ASGN INC	COM	00191U102	281	7,945	SH	DFND	1 4	7,945	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	8,913	178,006	SH	DFND	1 3 4	178,006	0	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	229	874	SH	DFND	1 3 4	176	0	698
ASPEN TECHNOLOGY INC	COM	045327103	16,526	173,831	SH	DFND	1 3 4	173,831	0	0
ASPEN TECHNOLOGY INC	COM	045327103	869	9,142	SH	DFND	1 4	9,142	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	34	51,690	SH	DFND	1 3 4	51,690	0	0
ASSOCIATED BANC CORP	COM	045487105	8,381	655,314	SH	DFND	1 3 4	655,314	0	0
ASSOCIATED BANC CORP	COM	045487105	228	17,851	SH	DFND	1 4	17,851	0	0
ASSURANT INC	COM	04621X108	9,000	86,468	SH	DFND	1 3 4	86,468	0	0
ASSURANT INC	COM	04621X108	731	7,019	SH	DFND	1 4	7,019	0	0
ASSURED GUARANTY LTD	COM	G0585R106	53,233	2,064,186	SH	DFND	1 3 4	2,062,612	0	1,574
ASSURED GUARANTY LTD	COM	G0585R106	263	10,196	SH	DFND	1 4	10,196	0	0
ASTEC INDS INC	COM	046224101	5,982	171,049	SH	DFND	1 3 4	171,049	0	0
ASTRONICS CORP	COM	046433108	4,952	539,441	SH	DFND	1 3 4	539,441	0	0
AT&T INC	COM	00206R102	311,375	10,681,811	SH	DFND	1 3 4	10,681,811	0	0
AT&T INC	COM	00206R102	5,887	201,965	SH	DFND	1 4	201,965	0	0
ATHENE HLDG LTD	CL A	G0684D107	469	18,900	SH	DFND	1 3 4	18,900	0	0
ATHENE HLDG LTD	CL A	G0684D107	412	16,597	SH	DFND	1 4	16,597	0	0
ATHENEX INC	COM	04685N103	92	11,825	SH	DFND	1 3 4	11,825	0	0
ATHERSYS INC NEW	COM	04744L106	51	17,010	SH	DFND	1 4	17,010	0	0
ATKORE INTL GROUP INC	COM	047649108	10,729	509,180	SH	DFND	1 3 4	509,180	0	0
ATLANTIC CAP BANCSHARES INC	COM	048269203	151	12,685	SH	DFND	1 3 4	12,685	0	0
ATLANTIC POWER CORP	COM NEW	04878Q863	29	13,598	SH	DFND	1 4	13,598	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	5,038	196,276	SH	DFND	1 3 4	196,276	0	0
ATLASSIAN CORP PLC	CL A	G06242104	1,803	13,137	SH	DFND	1 4	13,137	0	0
ATMOS ENERGY CORP	COM	049560105	16,568	166,967	SH	DFND	1 3 4	166,967	0	0
ATMOS ENERGY CORP	COM	049560105	992	9,992	SH	DFND	1 4	9,992	0	0
ATN INTL INC	COM	00215F107	4,846	82,534	SH	DFND	1 3 4	82,534	0	0
ATRION CORP	COM	049904105	1,333	2,051	SH	DFND	1 3 4	2,051	0	0
AUTODESK INC	COM	052769106	462,841	2,965,029	SH	DFND	1 3 4	2,965,029	0	0
AUTODESK INC	COM	052769106	1,718	11,008	SH	DFND	1 4	11,008	0	0
AUTOLIV INC	COM	052800109	45,885	997,307	SH	DFND	1 3 4	991,697	0	5,610
AUTOMATIC DATA PROCESSING IN	COM	053015103	150,590	1,101,766	SH	DFND	1 3 4	1,101,766	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	3,517	25,728	SH	DFND	1 4	25,728	0	0
AUTONATION INC	COM	05329W102	4,906	174,830	SH	DFND	1 3 4	174,830	0	0

AUTOZONE INC	COM	053332102	27,669	32,706	SH	DFND	1 3 4	32,706	0	0
AUTOZONE INC	COM	053332102	2,460	2,908	SH	DFND	1 4	2,908	0	0
AVALARA INC	COM	05338G106	479	6,420	SH	DFND	1 4	6,420	0	0
AVALONBAY CMNTYS INC	COM	053484101	48,349	328,526	SH	DFND	1 3 4	328,526	0	0
AVALONBAY CMNTYS INC	COM	053484101	1,760	11,960	SH	DFND	1 4	11,960	0	0
AVALONBAY CMNTYS INC	COM	053484101	660,900	4,490,788	SH	DFND	2 3 4	4,490,788	0	0
AVANGRID INC	COM	05351W103	251	5,741	SH	DFND	1 4	5,741	0	0
AVANOS MED INC	COM	05350V106	4,038	149,955	SH	DFND	1 3 4	149,955	0	0
AVANTOR INC	COM	05352A100	1,101	88,146	SH	DFND	1 3 4	88,146	0	0
AVANTOR INC	COM	05352A100	519	41,516	SH	DFND	1 4	41,516	0	0
AVERY DENNISON CORP	COM	053611109	90,884	892,188	SH	DFND	1 3 4	889,326	0	2,862
AVERY DENNISON CORP	COM	053611109	1,109	10,883	SH	DFND	1 4	10,883	0	0
AVIS BUDGET GROUP	COM	053774105	2,335	168,007	SH	DFND	1 3 4	168,007	0	0
AVIS BUDGET GROUP	COM	053774105	139	10,019	SH	DFND	1 4	10,019	0	0
AVISTA CORP	COM	05379B107	327	7,706	SH	DFND	1 4	7,706	0	0
AVISTA CORP	COM	05379B107	21,505	506,117	SH	DFND	1 3 4	506,117	0	0
AVNET INC	COM	053807103	8,095	322,505	SH	DFND	1 3 4	322,505	0	0
AVNET INC	COM	053807103	274	10,924	SH	DFND	1 4	10,924	0	0
AXALTA COATING SYS LTD	COM	G0750C108	410	23,752	SH	DFND	1 4	23,752	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	4,504	245,971	SH	DFND	1 3 4	245,971	0	0
AXIS CAPITAL HOLDINGS LTD	SHS	G0692U109	345	8,923	SH	DFND	1 4	8,923	0	0
AXON ENTERPRISE INC	COM	05464C101	12,412	175,387	SH	DFND	1 3 4	175,387	0	0
AXON ENTERPRISE INC	COM	05464C101	398	5,626	SH	DFND	1 4	5,626	0	0
AXOS FINL INC	COM	05465C100	7,334	404,537	SH	DFND	1 3 4	404,537	0	0
AXSOME THERAPEUTICS INC	COM	05464T104	316	5,368	SH	DFND	1 3 4	5,368	0	0
AZZ INC	COM	002474104	5,928	210,812	SH	DFND	1 3 4	210,812	0	0
B & G FOODS INC NEW	COM	05508R106	9,668	534,446	SH	DFND	1 3 4	534,446	0	0
BADGER METER INC	COM	056525108	14,068	262,458	SH	DFND	1 3 4	262,458	0	0
BADGER METER INC	COM	056525108	230	4,295	SH	DFND	1 4	4,295	0	0
BAKER HUGHES COMPANY	CL A	05722G100	9,257	881,643	SH	DFND	1 3 4	881,643	0	0
BAKER HUGHES COMPANY	CL A	05722G100	799	76,127	SH	DFND	1 4	76,127	0	0
BALCHEM CORP	COM	057665200	24,833	251,564	SH	DFND	1 3 4	251,564	0	0
BALCHEM CORP	COM	057665200	307	3,111	SH	DFND	1 4	3,111	0	0
BALL CORP	COM	058498106	45,800	708,314	SH	DFND	1 3 4	699,966	0	8,348
BALL CORP	COM	058498106	2,240	34,638	SH	DFND	1 4	34,638	0	0
BANC OF CALIFORNIA INC	COM	05990K106	2,723	340,359	SH	DFND	1 3 4	340,359	0	0
BANCFIRST CORP	COM	05945F103	3,054	91,531	SH	DFND	1 3 4	91,531	0	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	05946K101	260	85,000	SH	DFND	1 3 4	0	0	85,000
BANCORP INC DEL	COM	05969A105	94	15,508	SH	DFND	1 3 4	15,508	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	5,371	283,897	SH	DFND	1 3 4	283,897	0	0
BANDWIDTH INC	COM CL A	05988J103	1,277	18,978	SH	DFND	1 3 4	18,978	0	0
BANK HAWAII CORP	COM	062540109	8,303	150,312	SH	DFND	1 3 4	150,312	0	0
BANK HAWAII CORP	COM	062540109	237	4,289	SH	DFND	1 4	4,289	0	0
BANK NEW YORK MELLON CORP	COM	064058100	38,973	1,157,147	SH	DFND	1 3 4	1,157,147	0	0
BANK NEW YORK MELLON CORP	COM	064058100	536	15,903	SH	DFND	1 4	15,903	0	0
BANK OZK	COM	06417N103	77,779	4,657,547	SH	DFND	1 3 4	4,649,709	0	7,838
BANK OZK	COM	06417N103	230	13,779	SH	DFND	1 4	13,779	0	0
BANKUNITED INC	COM	06652K103	480	25,672	SH	DFND	1 3 4	25,672	0	0
BANKUNITED INC	COM	06652K103	203	10,832	SH	DFND	1 4	10,832	0	0
BANNER CORP	COM NEW	06652V208	9,953	301,239	SH	DFND	1 3 4	301,239	0	0

BARNES & NOBLE ED INC	COM	06777U101	399	293,138	SH	DFND	1 3 4	293,138	0	0
BARNES GROUP INC	COM	067806109	15,164	362,512	SH	DFND	1 3 4	362,512	0	0
BARNES GROUP INC	COM	067806109	260	6,226	SH	DFND	1 4	6,226	0	0
BAXTER INTL INC	COM	071813109	56,679	698,097	SH	DFND	1 3 4	698,097	0	0
BAXTER INTL INC	COM	071813109	1,484	18,277	SH	DFND	1 4	18,277	0	0
BCE INC	COM NEW	05534B760	168,062	4,113,108	SH	DFND	1 3 4	4,093,800	0	19,308
BECTON DICKINSON & CO	COM	075887109	218,389	950,470	SH	DFND	1 3 4	947,279	0	3,191
BECTON DICKINSON & CO	COM	075887109	1,394	6,066	SH	DFND	1 4	6,066	0	0
BED BATH & BEYOND INC	COM	075896100	1,583	375,916	SH	DFND	1 3 4	375,916	0	0
BEIGENE LTD	SPONSORED ADR	07725L102	378	3,072	SH	DFND	1 3 4	3,072	0	0
BEL FUSE INC	CL B	077347300	748	76,841	SH	DFND	1 3 4	76,841	0	0
BELDEN INC	COM	077454106	4,720	130,822	SH	DFND	1 3 4	130,822	0	0
BENCHMARK ELECTRS INC	COM	08160H101	5,714	285,849	SH	DFND	1 3 4	285,849	0	0
BERKLEY W R CORP	COM	084423102	622	11,925	SH	DFND	1 4	11,925	0	0
BERKLEY W R CORP	COM	084423102	10,258	196,629	SH	DFND	1 3 4	196,629	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	843,235	4,612,120	SH	DFND	1 3 4	4,612,120	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	9,492	51,917	SH	DFND	1 4	51,917	0	0
BERKSHIRE HILLS BANCORP INC	COM	084680107	5,142	346,005	SH	DFND	1 3 4	346,005	0	0
BERRY CORP	COM	08579X101	58	23,911	SH	DFND	1 3 4	23,911	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	514	15,234	SH	DFND	1 4	15,234	0	0
BEST BUY INC	COM	086516101	18,994	333,243	SH	DFND	1 3 4	333,243	0	0
BEST BUY INC	COM	086516101	1,621	28,444	SH	DFND	1 4	28,444	0	0
BEYOND MEAT INC	COM	08862E109	227	3,410	SH	DFND	1 4	3,410	0	0
BGC PARTNERS INC	CL A	05541T101	23,966	9,511,477	SH	DFND	1 3 4	9,506,049	0	5,428
BGC PARTNERS INC	CL A	05541T101	96	37,955	SH	DFND	1 4	37,955	0	0
BIG LOTS INC	COM	089302103	4,220	296,767	SH	DFND	1 3 4	296,767	0	0
BILIBILI INC	SPONS ADS REP Z	090040106	416	17,769	SH	DFND	1 3 4	17,769	0	0
BIO RAD LABS INC	CL A	090572207	22,860	65,211	SH	DFND	1 3 4	65,211	0	0
BIO RAD LABS INC	CL A	090572207	615	1,753	SH	DFND	1 4	1,753	0	0
BIOCRYS T PHARMACEUTICALS INC	COM	09058V103	32	16,121	SH	DFND	1 3 4	16,121	0	0
BIOCRYS T PHARMACEUTICALS INC	COM	09058V103	34	16,753	SH	DFND	1 4	16,753	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	158	41,590	SH	DFND	1 3 4	41,590	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	46	12,131	SH	DFND	1 4	12,131	0	0
BIOGEN INC	COM	09062X103	77,723	245,661	SH	DFND	1 3 4	245,661	0	0
BIOGEN INC	COM	09062X103	2,512	7,941	SH	DFND	1 4	7,941	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	274	8,059	SH	DFND	1 3 4	8,059	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,887	22,335	SH	DFND	1 3 4	22,335	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,728	20,445	SH	DFND	1 4	20,445	0	0
BIOSPECIFICS TECHNOLOGIES CO	COM	090931106	244	4,309	SH	DFND	1 3 4	4,309	0	0
BIO-TECHNE CORP	COM	09073M104	21,379	112,744	SH	DFND	1 3 4	112,744	0	0
BIO-TECHNE CORP	COM	09073M104	895	4,720	SH	DFND	1 4	4,720	0	0
BIOTELEMETRY INC	COM	090672106	9,944	258,228	SH	DFND	1 3 4	258,228	0	0
BIOTELEMETRY INC	COM	090672106	225	5,847	SH	DFND	1 4	5,847	0	0
BJS RESTAURANTS INC	COM	09180C106	2,187	157,453	SH	DFND	1 3 4	157,453	0	0

BJS WHSL CLUB HLDGS INC	COM	05550J101	32,471	1,274,880	SH	DFND	1 3 4	1,274,880	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	294	11,550	SH	DFND	1 4	11,550	0	0
BK OF AMERICA CORP	COM	060505104	4,741	223,339	SH	DFND	1 4	223,339	0	0
BK OF AMERICA CORP	COM	060505104	244,516	11,517,454	SH	DFND	1 3 4	11,517,454	0	0
BLACK HILLS CORP	COM	092113109	438	6,843	SH	DFND	1 4	6,843	0	0
BLACK HILLS CORP	COM	092113109	11,669	182,242	SH	DFND	1 3 4	182,242	0	0
BLACK KNIGHT INC	COM	09215C105	550,523	9,481,966	SH	DFND	1 3 4	9,474,667	0	7,299
BLACK KNIGHT INC	COM	09215C105	1,160	19,983	SH	DFND	1 4	19,983	0	0
BLACKBAUD INC	COM	09227Q100	8,096	145,736	SH	DFND	1 3 4	145,736	0	0
BLACKBAUD INC	COM	09227Q100	388	6,980	SH	DFND	1 4	6,980	0	0
BLACKLINE INC	COM	09239B109	221	4,195	SH	DFND	1 4	4,195	0	0
BLACKROCK INC	COM	09247X101	237,682	540,222	SH	DFND	1 3 4	539,257	0	965
BLACKROCK INC	COM	09247X101	1,005	2,285	SH	DFND	1 4	2,285	0	0
BLACKSTONE GROUP INC	COM CL A	09260D107	2,222	48,754	SH	DFND	1 3 4	48,754	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	270	14,512	SH	DFND	1 4	14,512	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	849	45,608	SH	DFND	1 3 4	45,608	0	0
BLOCK H & R INC	COM	093671105	4,976	353,397	SH	DFND	1 3 4	353,397	0	0
BLOCK H & R INC	COM	093671105	379	26,916	SH	DFND	1 4	26,916	0	0
BLOOMIN BRANDS INC	COM	094235108	5,098	713,947	SH	DFND	1 3 4	713,947	0	0
BLOOMIN BRANDS INC	COM	094235108	84	11,767	SH	DFND	1 4	11,767	0	0
BLUCORA INC	COM	095229100	4,480	371,818	SH	DFND	1 3 4	371,818	0	0
BLUEBIRD BIO INC	COM	09609G100	2,248	48,902	SH	DFND	1 3 4	48,902	0	0
BLUEBIRD BIO INC	COM	09609G100	247	5,369	SH	DFND	1 4	5,369	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	443	7,577	SH	DFND	1 3 4	7,577	0	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	397	6,795	SH	DFND	1 4	6,795	0	0
BMC STK HLDGS INC	COM	05591B109	595	33,565	SH	DFND	1 3 4	33,565	0	0
BOEING CO	COM	097023105	4,671	31,322	SH	DFND	1 4	31,322	0	0
BOEING CO	COM	097023105	117,831	790,070	SH	DFND	1 3 4	790,070	0	0
BOISE CASCADE CO DEL	COM	09739D100	7,517	316,124	SH	DFND	1 3 4	316,124	0	0
BONANZA CREEK ENERGY INC	COM NEW	097793400	1,663	147,785	SH	DFND	1 3 4	147,785	0	0
BOOKING HLDGS INC	COM	09857L108	76,722	57,029	SH	DFND	1 3 4	57,029	0	0
BOOKING HLDGS INC	COM	09857L108	3,328	2,474	SH	DFND	1 4	2,474	0	0
BOOT BARN HLDGS INC	COM	099406100	3,011	232,892	SH	DFND	1 3 4	232,892	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	1,327	19,337	SH	DFND	1 4	19,337	0	0
BORGWARNER INC	COM	099724106	9,476	388,842	SH	DFND	1 3 4	388,842	0	0
BORGWARNER INC	COM	099724106	589	24,175	SH	DFND	1 4	24,175	0	0
BOSTON BEER INC	CL A	100557107	12,691	34,529	SH	DFND	1 3 4	34,529	0	0
BOSTON BEER INC	CL A	100557107	297	807	SH	DFND	1 4	807	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	80	11,236	SH	DFND	1 4	11,236	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	4,522	632,392	SH	DFND	1 3 4	632,392	0	0
BOSTON PROPERTIES INC	COM	101121101	189,944	2,059,495	SH	DFND	2 3 4	2,059,495	0	0
BOSTON PROPERTIES INC	COM	101121101	24,215	262,549	SH	DFND	1 3 4	262,549	0	0
BOSTON PROPERTIES INC	COM	101121101	1,593	17,277	SH	DFND	1 4	17,277	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	61,530	1,885,693	SH	DFND	1 3 4	1,885,693	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	2,680	82,143	SH	DFND	1 4	82,143	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	10,598	289,157	SH	DFND	1 3 4	289,157	0	0
BOTTOMLINE TECH DEL	COM	101388106	241	6,586	SH	DFND	1 4	6,586	0	0

INC											
BOX INC	CL A	10316T104	197	14,047	SH	DFND	1 4	14,047	0	0	
BOYD GAMING CORP	COM	103304101	3,421	237,246	SH	DFND	1 3 4	237,246	0	0	
BOYD GAMING CORP	COM	103304101	192	13,297	SH	DFND	1 4	13,297	0	0	
BRADY CORP	CL A	104674106	18,339	406,362	SH	DFND	1 3 4	406,362	0	0	
BRADY CORP	CL A	104674106	292	6,470	SH	DFND	1 4	6,470	0	0	
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	18,921	1,798,560	SH	DFND	1 3 4	1,798,560	0	0	
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	70,793	6,729,488	SH	DFND	2 3 4	6,729,488	0	0	
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	219	20,811	SH	DFND	1 4	20,811	0	0	
BRIDGEBIO PHARMA INC	COM	10806X102	264	9,104	SH	DFND	1 4	9,104	0	0	
BRIGGS & STRATTON CORP	COM	109043109	583	322,317	SH	DFND	1 3 4	322,317	0	0	
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	309	3,027	SH	DFND	1 3 4	3,027	0	0	
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	756	7,411	SH	DFND	1 4	7,411	0	0	
BRIGHTHOUSE FINL INC	COM	10922N103	7,820	323,546	SH	DFND	1 3 4	323,546	0	0	
BRIGHTHOUSE FINL INC	COM	10922N103	284	11,750	SH	DFND	1 4	11,750	0	0	
BRIGHTVIEW HLDGS INC	COM	10948C107	8,684	785,187	SH	DFND	1 3 4	785,187	0	0	
BRINKER INTL INC	COM	109641100	1,776	147,848	SH	DFND	1 3 4	147,848	0	0	
BRINKS CO	COM	109696104	371	7,133	SH	DFND	1 4	7,133	0	0	
BRINKS CO	COM	109696104	20,577	395,320	SH	DFND	1 3 4	395,320	0	0	
BRISTOL-MYERS SQUIBB CO	COM	110122108	198,801	3,566,581	SH	DFND	1 3 4	3,566,581	0	0	
BRISTOL-MYERS SQUIBB CO	COM	110122108	5,566	99,851	SH	DFND	1 4	99,851	0	0	
BRIXMOR PPTY GROUP INC	COM	11120U105	8,415	885,771	SH	DFND	1 3 4	885,771	0	0	
BRIXMOR PPTY GROUP INC	COM	11120U105	302	31,805	SH	DFND	1 4	31,805	0	0	
BROADCOM INC	COM	11135F101	143,331	604,517	SH	DFND	1 3 4	604,517	0	0	
BROADCOM INC	COM	11135F101	5,418	22,850	SH	DFND	1 4	22,850	0	0	
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	31,547	332,692	SH	DFND	1 3 4	332,629	0	63	
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	1,456	15,359	SH	DFND	1 4	15,359	0	0	
BROOKDALE SR LIVING INC	COM	112463104	337	108,026	SH	DFND	1 3 4	108,026	0	0	
BROOKDALE SR LIVING INC	COM	112463104	45	14,514	SH	DFND	1 4	14,514	0	0	
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	1,063,542	24,034,909	SH	DFND	1 3 4	24,034,909	0	0	
BROOKFIELD BUSINESS PARTNERS	UNIT LTD LP	G16234109	14,330	563,513	SH	DFND	1 3 4	563,513	0	0	
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	248,759	6,915,808	SH	DFND	1 3 4	6,915,808	0	0	
BROOKFIELD PPTY REIT INC	CL A	11282X103	3,795	446,933	SH	DFND	1 3 4	446,933	0	0	
BROOKFIELD PROPERTY PARTRS L	UNIT LTD PARTN	G16249107	26,259	3,257,942	SH	DFND	1 3 4	3,257,942	0	0	
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	103,184	2,428,428	SH	DFND	1 3 4	2,428,428	0	0	
BROOKLINE BANCORP INC DEL	COM	11373M107	6,836	605,994	SH	DFND	1 3 4	605,994	0	0	
BROOKS AUTOMATION INC NEW	COM	114340102	16,730	548,511	SH	DFND	1 3 4	548,511	0	0	
BROOKS AUTOMATION INC NEW	COM	114340102	307	10,063	SH	DFND	1 4	10,063	0	0	
BROWN & BROWN INC	COM	115236101	331,947	9,164,767	SH	DFND	1 3 4	9,164,767	0	0	
BROWN & BROWN INC	COM	115236101	512	14,142	SH	DFND	1 4	14,142	0	0	
BROWN FORMAN CORP	CL A	115637100	341	6,631	SH	DFND	1 4	6,631	0	0	
BROWN FORMAN CORP	CL B	115637209	276	4,969	SH	DFND	1 4	4,969	0	0	

BROWN FORMAN CORP	CL B	115637209	132,207	2,381,705	SH	DFND	1 3 4	2,381,705	0	0
BRUKER CORP	COM	116794108	501	13,963	SH	DFND	1 4	13,963	0	0
BRUNSWICK CORP	COM	117043109	298	8,438	SH	DFND	1 4	8,438	0	0
BRUNSWICK CORP	COM	117043109	47,852	1,353,055	SH	DFND	1 3 4	1,352,376	0	679
BUCKLE INC	COM	118440106	2,997	218,603	SH	DFND	1 3 4	218,603	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	7,826	639,909	SH	DFND	1 3 4	639,909	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	230	18,766	SH	DFND	1 4	18,766	0	0
BUNGE LIMITED	COM	G16962105	2,879	70,180	SH	DFND	1 3 4	70,180	0	0
BUNGE LIMITED	COM	G16962105	471	11,481	SH	DFND	1 4	11,481	0	0
BURLINGTON STORES INC	COM	122017106	404	2,551	SH	DFND	1 3 4	2,551	0	0
BURLINGTON STORES INC	COM	122017106	1,193	7,529	SH	DFND	1 4	7,529	0	0
BWX TECHNOLOGIES INC	COM	05605H100	638	13,091	SH	DFND	1 4	13,091	0	0
BYLINE BANCORP INC	COM	124411109	108	10,432	SH	DFND	1 3 4	10,432	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	13,260	200,304	SH	DFND	1 3 4	200,304	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	373	5,633	SH	DFND	1 4	5,633	0	0
CABLE ONE INC	COM	12685J105	24,818	15,096	SH	DFND	1 3 4	15,096	0	0
CABLE ONE INC	COM	12685J105	934	568	SH	DFND	1 4	568	0	0
CABOT CORP	COM	127055101	13,231	506,545	SH	DFND	1 3 4	506,545	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	12,919	113,183	SH	DFND	1 3 4	113,183	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	463	4,056	SH	DFND	1 4	4,056	0	0
CABOT OIL & GAS CORP	COM	127097103	10,778	627,008	SH	DFND	1 3 4	627,008	0	0
CABOT OIL & GAS CORP	COM	127097103	776	45,154	SH	DFND	1 4	45,154	0	0
CACI INTL INC	CL A	127190304	37,465	177,434	SH	DFND	1 3 4	177,434	0	0
CACI INTL INC	CL A	127190304	524	2,481	SH	DFND	1 4	2,481	0	0
CADENCE BANCORPORATION	CL A	12739A100	108	16,550	SH	DFND	1 4	16,550	0	0
CADENCE BANCORPORATION	CL A	12739A100	7,037	1,074,297	SH	DFND	1 3 4	1,074,297	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	29,173	441,751	SH	DFND	1 3 4	441,751	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	2,346	35,520	SH	DFND	1 4	35,520	0	0
CAESARS ENTMT CORP	COM	127686103	11,152	1,649,665	SH	DFND	1 3 4	1,649,665	0	0
CAESARS ENTMT CORP	COM	127686103	106	15,673	SH	DFND	1 4	15,673	0	0
CAL MAINE FOODS INC	COM NEW	128030202	10,105	229,772	SH	DFND	1 3 4	229,772	0	0
CALAMP CORP	COM	128126109	1,165	258,860	SH	DFND	1 3 4	258,860	0	0
CALAVO GROWERS INC	COM	128246105	7,162	124,149	SH	DFND	1 3 4	124,149	0	0
CALERES INC	COM	129500104	4,985	958,790	SH	DFND	1 3 4	958,790	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	21,534	427,942	SH	DFND	1 3 4	427,942	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	232	4,604	SH	DFND	1 4	4,604	0	0
CALLAWAY GOLF CO	COM	131193104	7,307	714,931	SH	DFND	1 3 4	714,931	0	0
CALLON PETE CO DEL	COM	13123X102	2,691	4,911,438	SH	DFND	1 3 4	4,911,438	0	0
CALLON PETE CO DEL	COM	13123X102	21	37,911	SH	DFND	1 4	37,911	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	24,310	306,789	SH	DFND	1 3 4	306,789	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	619	7,818	SH	DFND	1 4	7,818	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	1,751	22,100	SH	DFND	2 3 4	22,100	0	0
CAMPBELL SOUP CO	COM	134429109	10,941	237,024	SH	DFND	1 3 4	237,024	0	0
CAMPBELL SOUP CO	COM	134429109	912	19,763	SH	DFND	1 4	19,763	0	0
CANTEL MEDICAL CORP	COM	138098108	17,465	486,534	SH	DFND	1 3 4	486,235	0	299
CAPITAL ONE FINL CORP	COM	14040H105	32,150	637,652	SH	DFND	1 3 4	637,652	0	0
CAPITAL ONE FINL	COM	14040H105	867	17,199	SH	DFND	1 4	17,199	0	0

CORP											
CAPITOL FED FINL INC	COM	14057J101	123	10,580	SH	DFND	1 4	10,580	0	0	
CAPRI HOLDINGS LIMITED	SHS	G1890L107	2,333	216,184	SH	DFND	1 3 4	216,184	0	0	
CAPSTEAD MTG CORP	COM NO PAR	14067E506	3,015	717,760	SH	DFND	1 3 4	717,760	0	0	
CAPSTEAD MTG CORP	COM NO PAR	14067E506	43	10,161	SH	DFND	1 4	10,161	0	0	
CARDINAL HEALTH INC	COM	14149Y108	1,728	36,042	SH	DFND	1 4	36,042	0	0	
CARDINAL HEALTH INC	COM	14149Y108	19,305	402,685	SH	DFND	1 3 4	402,685	0	0	
CARDIOVASCULAR SYS INC DEL	COM	141619106	10,016	284,458	SH	DFND	1 3 4	284,458	0	0	
CARDTRONICS PLC	SHS CL A	G1991C105	5,742	274,475	SH	DFND	1 3 4	274,475	0	0	
CARETRUST REIT INC	COM	14174T107	13,195	892,138	SH	DFND	1 3 4	892,138	0	0	
CARETRUST REIT INC	COM	14174T107	157	10,616	SH	DFND	1 4	10,616	0	0	
CARGURUS INC	COM CL A	141788109	202	10,642	SH	DFND	1 4	10,642	0	0	
CARLISLE COS INC	COM	142339100	21,375	170,615	SH	DFND	1 3 4	170,615	0	0	
CARLISLE COS INC	COM	142339100	1,040	8,300	SH	DFND	1 4	8,300	0	0	
CARMAX INC	COM	143130102	456,670	8,483,545	SH	DFND	1 3 4	8,483,545	0	0	
CARMAX INC	COM	143130102	986	18,316	SH	DFND	1 4	18,316	0	0	
CARNIVAL CORP	UNIT 99/99/9999	143658300	7,157	543,443	SH	DFND	1 3 4	543,443	0	0	
CARNIVAL CORP	UNIT 99/99/9999	143658300	135	10,241	SH	DFND	1 4	10,241	0	0	
CARPENTER TECHNOLOGY CORP	COM	144285103	3,055	156,651	SH	DFND	1 3 4	156,651	0	0	
CARTERS INC	COM	146229109	9,166	139,445	SH	DFND	1 3 4	139,445	0	0	
CARTERS INC	COM	146229109	398	6,051	SH	DFND	1 4	6,051	0	0	
CARVANA CO	CL A	146869102	8,675	157,467	SH	DFND	1 3 4	157,467	0	0	
CASEYS GEN STORES INC	COM	147528103	14,474	109,249	SH	DFND	1 3 4	109,249	0	0	
CASEYS GEN STORES INC	COM	147528103	346	2,612	SH	DFND	1 4	2,612	0	0	
CASTLIGHT HEALTH INC	CL B	14862Q100	14	19,526	SH	DFND	1 4	19,526	0	0	
CATALENT INC	COM	148806102	23,810	458,318	SH	DFND	1 3 4	458,318	0	0	
CATALENT INC	COM	148806102	664	12,789	SH	DFND	1 4	12,789	0	0	
CATALYST PHARMACEUTICALS INC	COM	14888U101	48	12,496	SH	DFND	1 4	12,496	0	0	
CATALYST PHARMACEUTICALS INC	COM	14888U101	58	15,025	SH	DFND	1 3 4	15,025	0	0	
CATERPILLAR INC DEL	COM	149123101	87,088	750,496	SH	DFND	1 3 4	750,496	0	0	
CATERPILLAR INC DEL	COM	149123101	1,397	12,039	SH	DFND	1 4	12,039	0	0	
CATHAY GEN BANCORP	COM	149150104	77,044	3,357,149	SH	DFND	1 3 4	3,355,272	0	1,877	
CATHAY GEN BANCORP	COM	149150104	201	8,742	SH	DFND	1 4	8,742	0	0	
CATO CORP NEW	CL A	149205106	1,802	168,914	SH	DFND	1 3 4	168,914	0	0	
CAVCO INDS INC DEL	COM	149568107	9,482	65,423	SH	DFND	1 3 4	65,423	0	0	
CBL & ASSOC PPTYS INC	COM	124830100	263	1,316,339	SH	DFND	1 3 4	1,316,339	0	0	
CBOE GLOBAL MARKETS INC	COM	12503M108	13,469	150,917	SH	DFND	1 3 4	150,917	0	0	
CBOE GLOBAL MARKETS INC	COM	12503M108	711	7,971	SH	DFND	1 4	7,971	0	0	
CBRE GROUP INC	CL A	12504L109	761	20,182	SH	DFND	2 3 4	20,182	0	0	
CBRE GROUP INC	CL A	12504L109	390,330	10,350,828	SH	DFND	1 3 4	10,350,828	0	0	
CBRE GROUP INC	CL A	12504L109	1,429	37,884	SH	DFND	1 4	37,884	0	0	
CDK GLOBAL INC	COM	12508E101	596	18,132	SH	DFND	1 4	18,132	0	0	
CDK GLOBAL INC	COM	12508E101	11,844	360,537	SH	DFND	1 3 4	360,537	0	0	
CDW CORP	COM	12514G108	19,021	203,930	SH	DFND	1 3 4	203,930	0	0	
CDW CORP	COM	12514G108	1,697	18,196	SH	DFND	1 4	18,196	0	0	
CEDAR REALTY TRUST INC	COM NEW	150602209	608	652,029	SH	DFND	1 3 4	652,029	0	0	
CEL SCI CORP	COM PAR NEW	150837607	248	21,502	SH	DFND	1 3 4	21,502	0	0	
CELANESE CORP DEL	COM	150870103	12,754	173,786	SH	DFND	1 3 4	173,786	0	0	

CELANESE CORP DEL	COM	150870103	964	13,138	SH	DFND	1 4	13,138	0	0
CENTENE CORP DEL	COM	15135B101	47,456	798,792	SH	DFND	1 3 4	798,792	0	0
CENTENE CORP DEL	COM	15135B101	5,737	96,564	SH	DFND	1 4	96,564	0	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	5	17,389	SH	DFND	1 4	17,389	0	0
CENTERPOINT ENERGY INC	COM	15189T107	10,498	679,477	SH	DFND	1 3 4	679,477	0	0
CENTERPOINT ENERGY INC	COM	15189T107	753	48,754	SH	DFND	1 4	48,754	0	0
CENTRAL EUROPEAN MEDIA ENTRP	CL A NEW	G20045202	40	12,757	SH	DFND	1 4	12,757	0	0
CENTRAL GARDEN & PET CO	COM	153527106	2,108	76,649	SH	DFND	1 3 4	76,649	0	0
CENTRAL GARDEN & PET CO	CL A NON- VTG	153527205	19,726	771,450	SH	DFND	1 3 4	771,450	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	3,711	233,379	SH	DFND	1 3 4	233,379	0	0
CENTURY ALUM CO	COM	156431108	1,367	377,675	SH	DFND	1 3 4	377,675	0	0
CENTURY CMNTYS INC	COM	156504300	3,313	228,313	SH	DFND	1 3 4	228,313	0	0
CENTURYLINK INC	COM	156700106	12,570	1,328,745	SH	DFND	1 3 4	1,328,745	0	0
CENTURYLINK INC	COM	156700106	1,090	115,263	SH	DFND	1 4	115,263	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	21,940	438,183	SH	DFND	1 3 4	438,183	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	553	11,053	SH	DFND	1 4	11,053	0	0
CERNER CORP	COM	156782104	26,790	425,298	SH	DFND	1 3 4	425,298	0	0
CERNER CORP	COM	156782104	2,406	38,197	SH	DFND	1 4	38,197	0	0
CERUS CORP	COM	157085101	103	22,059	SH	DFND	1 3 4	22,059	0	0
CERUS CORP	COM	157085101	96	20,691	SH	DFND	1 4	20,691	0	0
CEVA INC	COM	157210105	4,160	166,854	SH	DFND	1 3 4	166,854	0	0
CF INDS HLDGS INC	COM	125269100	11,086	407,575	SH	DFND	1 3 4	407,575	0	0
CF INDS HLDGS INC	COM	125269100	722	26,530	SH	DFND	1 4	26,530	0	0
CHANGE HEALTHCARE INC	COM	15912K100	176	17,633	SH	DFND	1 4	17,633	0	0
CHAPARRAL ENERGY INC	COM CL A	15942R208	543	1,155,102	SH	DFND	1 3 4	1,155,102	0	0
CHARLES RIV LABS INTL INC	COM	159864107	18,268	144,740	SH	DFND	1 3 4	144,740	0	0
CHARLES RIV LABS INTL INC	COM	159864107	777	6,158	SH	DFND	1 4	6,158	0	0
CHART INDS INC	COM PAR \$0.01	16115Q308	7,871	271,604	SH	DFND	1 3 4	271,604	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	334,842	767,441	SH	DFND	1 3 4	767,441	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	2,858	6,551	SH	DFND	1 4	6,551	0	0
CHATHAM LODGING TR	COM	16208T102	2,115	356,010	SH	DFND	1 3 4	356,010	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	970	9,646	SH	DFND	1 3 4	9,646	0	0
CHEESECAKE FACTORY INC	COM	163072101	2,542	148,854	SH	DFND	1 3 4	148,854	0	0
CHEFS WHSE INC	COM	163086101	2,026	201,223	SH	DFND	1 3 4	201,223	0	0
CHEGG INC	COM	163092109	409	11,428	SH	DFND	1 4	11,428	0	0
CHEMED CORP NEW	COM	16359R103	20,649	47,667	SH	DFND	1 3 4	47,667	0	0
CHEMED CORP NEW	COM	16359R103	892	2,060	SH	DFND	1 4	2,060	0	0
CHEMOCENTRYX INC	COM	16383L106	361	8,990	SH	DFND	1 3 4	8,990	0	0
CHEMOCENTRYX INC	COM	16383L106	210	5,233	SH	DFND	1 4	5,233	0	0
CHEMOURS CO	COM	163851108	164	18,454	SH	DFND	1 4	18,454	0	0
CHEMOURS CO	COM	163851108	4,319	486,955	SH	DFND	1 3 4	486,955	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	766	22,854	SH	DFND	1 4	22,854	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	16	93,256	SH	DFND	1 4	93,256	0	0
CHESAPEAKE UTILS CORP	COM	165303108	533	6,215	SH	DFND	1 3 4	6,215	0	0



CHEVRON CORP NEW	COM	166764100	330,102	4,555,653	SH	DFND	1 3 4	4,552,504	0	3,149
CHEVRON CORP NEW	COM	166764100	3,566	49,216	SH	DFND	1 4	49,216	0	0
CHICOS FAS INC	COM	168615102	1,200	930,142	SH	DFND	1 3 4	930,142	0	0
CHICOS FAS INC	COM	168615102	16	12,094	SH	DFND	1 4	12,094	0	0
CHILDRENS PL INC	COM	168905107	2,314	118,296	SH	DFND	1 3 4	118,296	0	0
CHIMERA INVT CORP	COM NEW	16934Q208	190	20,878	SH	DFND	1 4	20,878	0	0
CHIMERIX INC	COM	16934W106	23	15,730	SH	DFND	1 3 4	15,730	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	1,884	2,879	SH	DFND	1 4	2,879	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	40,514	61,910	SH	DFND	1 3 4	61,469	0	441
CHOICE HOTELS INTL INC	COM	169905106	5,772	94,239	SH	DFND	1 3 4	94,239	0	0
CHOICE HOTELS INTL INC	COM	169905106	318	5,191	SH	DFND	1 4	5,191	0	0
CHUBB LIMITED	COM	H1467J104	232,270	2,079,595	SH	DFND	1 3 4	2,074,044	0	5,551
CHUBB LIMITED	COM	H1467J104	973	8,711	SH	DFND	1 4	8,711	0	0
CHURCH & DWIGHT INC	COM	171340102	44,944	700,280	SH	DFND	1 3 4	690,482	0	9,798
CHURCH & DWIGHT INC	COM	171340102	1,903	29,656	SH	DFND	1 4	29,656	0	0
CHURCHILL DOWNS INC	COM	171484108	10,808	104,984	SH	DFND	1 3 4	104,984	0	0
CHURCHILL DOWNS INC	COM	171484108	349	3,386	SH	DFND	1 4	3,386	0	0
CHUYS HLDGS INC	COM	171604101	1,269	126,052	SH	DFND	1 3 4	126,052	0	0
CIENA CORP	COM NEW	171779309	18,253	458,504	SH	DFND	1 3 4	458,504	0	0
CIENA CORP	COM NEW	171779309	728	18,285	SH	DFND	1 4	18,285	0	0
CIGNA CORP NEW	COM	125523100	4,241	23,936	SH	DFND	1 4	23,936	0	0
CIGNA CORP NEW	COM	125523100	90,652	511,638	SH	DFND	1 3 4	511,638	0	0
CIMAREX ENERGY CO	COM	171798101	171	10,154	SH	DFND	1 4	10,154	0	0
CIMAREX ENERGY CO	COM	171798101	26,465	1,572,582	SH	DFND	1 3 4	1,566,935	0	5,647
CIMPRESS PLC	SHS EURO	G2143T103	646	12,138	SH	DFND	1 3 4	12,138	0	0
CINCINNATI BELL INC NEW	COM NEW	171871502	5,600	382,536	SH	DFND	1 3 4	382,536	0	0
CINCINNATI FINL CORP	COM	172062101	15,509	205,552	SH	DFND	1 3 4	205,552	0	0
CINCINNATI FINL CORP	COM	172062101	867	11,485	SH	DFND	1 4	11,485	0	0
CINEMARK HOLDINGS INC	COM	17243V102	3,217	315,723	SH	DFND	1 3 4	315,723	0	0
CINTAS CORP	COM	172908105	19,754	114,042	SH	DFND	1 3 4	114,042	0	0
CINTAS CORP	COM	172908105	1,805	10,419	SH	DFND	1 4	10,419	0	0
CIRCOR INTL INC	COM	17273K109	1,757	151,051	SH	DFND	1 3 4	151,051	0	0
CIRRUS LOGIC INC	COM	172755100	417	6,357	SH	DFND	1 4	6,357	0	0
CIRRUS LOGIC INC	COM	172755100	13,823	210,625	SH	DFND	1 3 4	210,625	0	0
CISCO SYS INC	COM	17275R102	256,228	6,518,148	SH	DFND	1 3 4	6,514,532	0	3,616
CISCO SYS INC	COM	17275R102	15,903	404,564	SH	DFND	1 4	404,564	0	0
CIT GROUP INC	COM NEW	125581801	4,840	280,393	SH	DFND	1 3 4	280,393	0	0
CIT GROUP INC	COM NEW	125581801	193	11,154	SH	DFND	1 4	11,154	0	0
CITIGROUP INC	COM NEW	172967424	133,709	3,174,471	SH	DFND	1 3 4	3,174,471	0	0
CITIGROUP INC	COM NEW	172967424	2,640	62,670	SH	DFND	1 4	62,670	0	0
CITIZENS FINANCIAL GROUP INC	COM	174610105	12,460	662,410	SH	DFND	1 3 4	662,410	0	0
CITIZENS FINANCIAL GROUP INC	COM	174610105	923	49,079	SH	DFND	1 4	49,079	0	0
CITRIX SYS INC	COM	177376100	30,643	216,479	SH	DFND	1 3 4	216,479	0	0
CITRIX SYS INC	COM	177376100	2,309	16,310	SH	DFND	1 4	16,310	0	0
CITY HLDG CO	COM	177835105	8,766	131,761	SH	DFND	1 3 4	131,761	0	0
CITY OFFICE REIT INC	COM	178587101	1,161	160,647	SH	DFND	2 3 4	160,647	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	27	15,305	SH	DFND	1 4	15,305	0	0
CLEAN HARBORS INC	COM	184496107	7,995	155,737	SH	DFND	1 3 4	155,737	0	0
CLEAN HARBORS INC	COM	184496107	284	5,541	SH	DFND	1 4	5,541	0	0
CLEARWATER PAPER CORP	COM	18538R103	2,733	125,301	SH	DFND	1 3 4	125,301	0	0
CLEARWAY ENERGY INC	CL C	18539C204	191	10,172	SH	DFND	1 4	10,172	0	0
CLEVELAND CLIFFS INC	COM	185899101	17,286	4,376,160	SH	DFND	1 3 4	4,376,160	0	0

CLEVELAND CLIFFS INC	COM	185899101	209	52,971	SH	DFND	1 4	52,971	0	0
CLOROX CO DEL	COM	189054109	29,930	172,755	SH	DFND	1 3 4	172,755	0	0
CLOROX CO DEL	COM	189054109	2,274	13,128	SH	DFND	1 4	13,128	0	0
CLOUDERA INC	COM	18914U100	155	19,706	SH	DFND	1 4	19,706	0	0
CLOUDFLARE INC	CL A COM	18915M107	8,659	368,798	SH	DFND	1 3 4	368,798	0	0
CME GROUP INC	COM	12572Q105	83,831	484,823	SH	DFND	1 3 4	484,823	0	0
CME GROUP INC	COM	12572Q105	1,183	6,844	SH	DFND	1 4	6,844	0	0
CMS ENERGY CORP	COM	125896100	1,250	21,274	SH	DFND	1 4	21,274	0	0
CMS ENERGY CORP	COM	125896100	22,697	386,330	SH	DFND	1 3 4	386,330	0	0
CNO FINL GROUP INC	COM	12621E103	5,545	447,550	SH	DFND	1 3 4	447,550	0	0
CNO FINL GROUP INC	COM	12621E103	210	16,978	SH	DFND	1 4	16,978	0	0
CNX RESOURCES CORPORATION	COM	12653C108	2,934	551,474	SH	DFND	1 3 4	551,474	0	0
CNX RESOURCES CORPORATION	COM	12653C108	79	14,926	SH	DFND	1 4	14,926	0	0
CNX RESOURCES CORPORATION	COM	20854L108	725	196,507	SH	DFND	1 3 4	196,507	0	0
COCA COLA CO	COM	191216100	398,537	9,006,474	SH	DFND	1 3 4	8,999,561	0	6,913
COCA COLA CO	COM	191216100	7,886	178,214	SH	DFND	1 4	178,214	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	7,354	35,265	SH	DFND	1 3 4	35,265	0	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	967	25,779	SH	DFND	1 3 4	25,779	0	0
COEUR MNG INC	COM NEW	192108504	62	19,170	SH	DFND	1 4	19,170	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	335	4,088	SH	DFND	1 4	4,088	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	28,209	344,139	SH	DFND	1 3 4	344,139	0	0
COGNEX CORP	COM	192422103	46,154	1,093,195	SH	DFND	1 3 4	1,093,195	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	34,573	743,982	SH	DFND	1 3 4	743,982	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	3,810	81,981	SH	DFND	1 4	81,981	0	0
COHEN & STEERS INC	COM	19247A100	857	18,850	SH	DFND	1 3 4	18,850	0	0
COHERENT INC	COM	192479103	7,597	71,396	SH	DFND	1 3 4	71,396	0	0
COHERENT INC	COM	192479103	260	2,443	SH	DFND	1 4	2,443	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	765	47,157	SH	DFND	1 3 4	47,157	0	0
COHU INC	COM	192576106	3,881	313,495	SH	DFND	1 3 4	313,495	0	0
COLFAX CORP	COM	194014106	133,595	6,747,233	SH	DFND	1 3 4	6,747,233	0	0
COLGATE PALMOLIVE CO	COM	194162103	84,325	1,270,726	SH	DFND	1 3 4	1,270,726	0	0
COLGATE PALMOLIVE CO	COM	194162103	1,078	16,252	SH	DFND	1 4	16,252	0	0
COLONY CAP INC NEW	CL A COM	19626G108	74	42,264	SH	DFND	1 4	42,264	0	0
COLUMBIA BKG SYS INC	COM	197236102	15,382	573,960	SH	DFND	1 3 4	573,960	0	0
COLUMBIA PPTY TR INC	COM NEW	198287203	126	10,111	SH	DFND	1 4	10,111	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	6,044	86,624	SH	DFND	1 3 4	86,624	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	336	4,816	SH	DFND	1 4	4,816	0	0
COLUMBUS MCKINNON CORP N Y	COM	199333105	6,130	245,200	SH	DFND	1 3 4	245,200	0	0
COMCAST CORP NEW	CL A	20030N101	255,298	7,425,777	SH	DFND	1 3 4	7,425,777	0	0
COMCAST CORP NEW	CL A	20030N101	5,892	171,378	SH	DFND	1 4	171,378	0	0
COMERICA INC	COM	200340107	7,199	245,366	SH	DFND	1 3 4	245,366	0	0
COMERICA INC	COM	200340107	532	18,140	SH	DFND	1 4	18,140	0	0
COMFORT SYS USA INC	COM	199908104	10,860	297,115	SH	DFND	1 3 4	297,115	0	0
COMFORT SYS USA INC	COM	199908104	212	5,799	SH	DFND	1 4	5,799	0	0
COMMERCE BANCSHARES INC	COM	200525103	15,448	306,804	SH	DFND	1 3 4	306,804	0	0
COMMERCE	COM	200525103	287	5,700	SH	DFND	1 4	5,700	0	0

BANCSHARES INC										
COMMERCIAL METALS CO	COM	201723103	5,630	356,545	SH	DFND	1 3 4	356,545	0	0
COMMERCIAL METALS CO	COM	201723103	206	13,058	SH	DFND	1 4	13,058	0	0
COMMSCOPE HLDG CO INC	COM	20337X109	192	21,065	SH	DFND	1 4	21,065	0	0
COMMUNITY BK SYS INC	COM	203607106	23,082	392,552	SH	DFND	1 3 4	392,552	0	0
COMMUNITY BK SYS INC	COM	203607106	233	3,965	SH	DFND	1 4	3,965	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	3,194	956,213	SH	DFND	1 3 4	956,213	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	5,911	154,424	SH	DFND	1 3 4	154,424	0	0
COMMVAULT SYSTEMS INC	COM	204166102	268	6,615	SH	DFND	1 4	6,615	0	0
COMMVAULT SYSTEMS INC	COM	204166102	5,041	124,520	SH	DFND	1 3 4	124,520	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	2,209	299,325	SH	DFND	1 3 4	299,325	0	0
COMPASS MINERALS INTL INC	COM	20451N101	3,852	100,139	SH	DFND	1 3 4	100,139	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	2,305	103,596	SH	DFND	1 3 4	103,596	0	0
COMSTOCK RES INC	COM	205768302	72	13,307	SH	DFND	1 3 4	13,307	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	2,571	193,469	SH	DFND	1 3 4	193,469	0	0
CONAGRA BRANDS INC	COM	205887102	19,317	658,387	SH	DFND	1 3 4	658,387	0	0
CONAGRA BRANDS INC	COM	205887102	1,530	52,141	SH	DFND	1 4	52,141	0	0
CONCHO RES INC	COM	20605P101	11,795	275,269	SH	DFND	1 3 4	275,269	0	0
CONCHO RES INC	COM	20605P101	699	16,303	SH	DFND	1 4	16,303	0	0
CONDUENT INC	COM	206787103	43	17,542	SH	DFND	1 4	17,542	0	0
CONFORMIS INC	COM	20717E101	17	26,628	SH	DFND	1 3 4	26,628	0	0
CONFORMIS INC	COM	20717E101	10	15,115	SH	DFND	1 4	15,115	0	0
CONMED CORP	COM	207410101	53,390	932,334	SH	DFND	1 3 4	931,792	0	542
CONMED CORP	COM	207410101	273	4,763	SH	DFND	1 4	4,763	0	0
CONNECTONE BANCORP INC NEW	COM	20786W107	163	12,120	SH	DFND	1 3 4	12,120	0	0
CONNS INC	COM	208242107	605	144,723	SH	DFND	1 3 4	144,723	0	0
CONOCOPHILLIPS	COM	20825C104	54,779	1,778,531	SH	DFND	1 3 4	1,778,531	0	0
CONOCOPHILLIPS	COM	20825C104	901	29,248	SH	DFND	1 4	29,248	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	2,786	612,416	SH	DFND	1 3 4	612,416	0	0
CONSOLIDATED EDISON INC	COM	209115104	35,080	449,741	SH	DFND	1 3 4	449,741	0	0
CONSOLIDATED EDISON INC	COM	209115104	1,951	25,019	SH	DFND	1 4	25,019	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	32,717	228,217	SH	DFND	1 3 4	228,217	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	438	3,057	SH	DFND	1 4	3,057	0	0
COOPER COS INC	COM NEW	216648402	1,202	4,360	SH	DFND	1 4	4,360	0	0
COOPER COS INC	COM NEW	216648402	18,521	67,184	SH	DFND	1 3 4	67,184	0	0
COOPER STD HLDGS INC	COM	21676P103	1,314	127,929	SH	DFND	1 3 4	127,929	0	0
COOPER TIRE & RUBR CO	COM	216831107	6,206	380,736	SH	DFND	1 3 4	380,736	0	0
COPART INC	COM	217204106	492,495	7,187,608	SH	DFND	1 3 4	7,187,608	0	0
COPART INC	COM	217204106	1,572	22,943	SH	DFND	1 4	22,943	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	9,278	780,325	SH	DFND	1 3 4	780,325	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	201	16,928	SH	DFND	1 4	16,928	0	0
CORE LABORATORIES N V	COM	N22717107	1,606	155,303	SH	DFND	1 3 4	155,303	0	0

CORE MARK HOLDING CO INC	COM	218681104	10,190	356,662	SH	DFND	1 3 4	356,662	0	0
CORECIVIC INC	COM	21871N101	3,932	351,998	SH	DFND	1 3 4	351,998	0	0
CORELOGIC INC	COM	21871D103	7,191	235,469	SH	DFND	1 3 4	235,469	0	0
CORELOGIC INC	COM	21871D103	381	12,469	SH	DFND	1 4	12,469	0	0
CORESITE RLTY CORP	COM	21870Q105	19,622	169,308	SH	DFND	1 3 4	169,308	0	0
CORESITE RLTY CORP	COM	21870Q105	162,360	1,400,873	SH	DFND	2 3 4	1,400,873	0	0
CORESITE RLTY CORP	COM	21870Q105	471	4,060	SH	DFND	1 4	4,060	0	0
CORMEDIX INC	COM	21900C308	71	19,724	SH	DFND	1 3 4	19,724	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	286	9,011	SH	DFND	1 4	9,011	0	0
CORNING INC	COM	219350105	21,387	1,041,218	SH	DFND	1 3 4	1,041,218	0	0
CORNING INC	COM	219350105	1,344	65,415	SH	DFND	1 4	65,415	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	7,343	331,819	SH	DFND	1 3 4	331,819	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	283	12,804	SH	DFND	1 4	12,804	0	0
CORTEVA INC	COM	22052L104	94,947	4,040,298	SH	DFND	1 3 4	4,032,920	0	7,378
CORTEVA INC	COM	22052L104	1,326	56,406	SH	DFND	1 4	56,406	0	0
CORVEL CORP	COM	221006109	4,156	76,248	SH	DFND	1 3 4	76,248	0	0
COSTAR GROUP INC	COM	22160N109	316,937	539,734	SH	DFND	1 3 4	539,734	0	0
COSTAR GROUP INC	COM	22160N109	2,348	3,998	SH	DFND	1 4	3,998	0	0
COSTCO WHSL CORP NEW	COM	22160K105	10,602	37,182	SH	DFND	1 4	37,182	0	0
COSTCO WHSL CORP NEW	COM	22160K105	433,328	1,519,756	SH	DFND	1 3 4	1,518,220	0	1,536
COTY INC	COM CL A	222070203	2,079	402,905	SH	DFND	1 3 4	402,905	0	0
COTY INC	COM CL A	222070203	158	30,688	SH	DFND	1 4	30,688	0	0
COUPA SOFTWARE INC	COM	22266L106	992	7,102	SH	DFND	1 4	7,102	0	0
COUSINS PPTYS INC	COM NEW	222795502	40,213	1,373,852	SH	DFND	1 3 4	1,373,852	0	0
COUSINS PPTYS INC	COM NEW	222795502	448	15,317	SH	DFND	1 4	15,317	0	0
COUSINS PPTYS INC	COM NEW	222795502	203,113	6,939,357	SH	DFND	2 3 4	6,939,357	0	0
COVANTA HLDG CORP	COM	22282E102	154	18,032	SH	DFND	1 4	18,032	0	0
COVETRUS INC	COM	22304C100	6,567	806,811	SH	DFND	1 3 4	806,811	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	5,950	71,500	SH	DFND	1 3 4	71,500	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	284	3,418	SH	DFND	1 4	3,418	0	0
CRANE CO	COM	224399105	51,681	1,050,917	SH	DFND	1 3 4	1,050,206	0	711
CRANE CO	COM	224399105	270	5,481	SH	DFND	1 4	5,481	0	0
CREDICORP LTD	COM	G2519Y108	82,169	574,324	SH	DFND	1 3 4	574,324	0	0
CREDIT ACCEP CORP MICH	COM	225310101	224,373	877,520	SH	DFND	1 3 4	877,520	0	0
CREDIT ACCEP CORP MICH	COM	225310101	304	1,189	SH	DFND	1 4	1,189	0	0
CREE INC	COM	225447101	11,288	318,344	SH	DFND	1 3 4	318,344	0	0
CROCS INC	COM	227046109	9,077	534,246	SH	DFND	1 3 4	534,246	0	0
CROCS INC	COM	227046109	189	11,123	SH	DFND	1 4	11,123	0	0
CROSS CTRY HEALTHCARE INC	COM	227483104	1,886	279,778	SH	DFND	1 3 4	279,778	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	3,539	24,508	SH	DFND	1 4	24,508	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	28,221	195,441	SH	DFND	2 3 4	195,441	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	81,241	562,608	SH	DFND	1 3 4	562,608	0	0
CROWN HLDGS INC	COM	228368106	962	16,568	SH	DFND	1 4	16,568	0	0
CRYOLIFE INC	COM	228903100	4,929	291,334	SH	DFND	1 3 4	291,334	0	0
CSG SYS INTL INC	COM	126349109	11,467	274,006	SH	DFND	1 3 4	274,006	0	0
CSG SYS INTL INC	COM	126349109	229	5,470	SH	DFND	1 4	5,470	0	0
CSW INDUSTRIALS INC	COM	126402106	628	9,691	SH	DFND	1 3 4	9,691	0	0
CSX CORP	COM	126408103	61,078	1,065,927	SH	DFND	1 3 4	1,065,927	0	0
CSX CORP	COM	126408103	2,428	42,378	SH	DFND	1 4	42,378	0	0
CTS CORP	COM	126501105	6,165	247,681	SH	DFND	1 3 4	247,681	0	0

CUBESMART	COM	229663109	207,142	7,732,150	SH	DFND	2 3 4	7,732,150	0	0
CUBESMART	COM	229663109	6,721	250,904	SH	DFND	1 3 4	250,904	0	0
CUBESMART	COM	229663109	435	16,223	SH	DFND	1 4	16,223	0	0
CUBIC CORP	COM	229669106	9,802	237,276	SH	DFND	1 3 4	237,276	0	0
CULLEN FROST BANKERS INC	COM	229899109	62,427	1,119,000	SH	DFND	1 3 4	1,115,554	0	3,446
CULLEN FROST BANKERS INC	COM	229899109	238	4,259	SH	DFND	1 4	4,259	0	0
CUMMINS INC	COM	231021106	29,435	217,522	SH	DFND	1 3 4	217,522	0	0
CUMMINS INC	COM	231021106	1,914	14,147	SH	DFND	1 4	14,147	0	0
CURTISS WRIGHT CORP	COM	231561101	11,727	126,898	SH	DFND	1 3 4	126,898	0	0
CURTISS WRIGHT CORP	COM	231561101	415	4,494	SH	DFND	1 4	4,494	0	0
CUSTOMERS BANCORP INC	COM	23204G100	2,389	218,607	SH	DFND	1 3 4	218,607	0	0
CUTERA INC	COM	232109108	1,437	110,048	SH	DFND	1 3 4	110,048	0	0
CVB FINL CORP	COM	126600105	20,259	1,010,429	SH	DFND	1 3 4	1,010,429	0	0
CVB FINL CORP	COM	126600105	209	10,429	SH	DFND	1 4	10,429	0	0
CVS HEALTH CORP	COM	126650100	105,677	1,781,174	SH	DFND	1 3 4	1,781,174	0	0
CVS HEALTH CORP	COM	126650100	2,207	37,206	SH	DFND	1 4	37,206	0	0
CYBERARK SOFTWARE LTD	SHS	M2682V108	62,846	734,531	SH	DFND	1 3 4	723,485	0	11,046
CYMABAY THERAPEUTICS INC	COM	23257D103	15	10,028	SH	DFND	1 3 4	10,028	0	0
CYMABAY THERAPEUTICS INC	COM	23257D103	16	10,658	SH	DFND	1 4	10,658	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	25,455	1,091,570	SH	DFND	1 3 4	1,091,570	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	708	30,343	SH	DFND	1 4	30,343	0	0
CYRUSONE INC	COM	23283R100	149,395	2,419,350	SH	DFND	1 3 4	2,411,854	0	7,496
CYRUSONE INC	COM	23283R100	572	9,262	SH	DFND	1 4	9,262	0	0
CYTOKINETICS INC	COM NEW	23282W605	5,392	457,339	SH	DFND	1 3 4	457,339	0	0
D R HORTON INC	COM	23331A109	15,989	470,257	SH	DFND	1 3 4	470,257	0	0
D R HORTON INC	COM	23331A109	1,257	36,978	SH	DFND	1 4	36,978	0	0
DAKTRONICS INC	COM	234264109	1,402	284,297	SH	DFND	1 3 4	284,297	0	0
DANA INCORPORATED	COM	235825205	3,841	491,847	SH	DFND	1 3 4	491,847	0	0
DANA INCORPORATED	COM	235825205	130	16,609	SH	DFND	1 4	16,609	0	0
DANAHER CORPORATION	COM	235851102	272,173	1,966,434	SH	DFND	1 3 4	1,966,434	0	0
DANAHER CORPORATION	COM	235851102	1,828	13,210	SH	DFND	1 4	13,210	0	0
DARDEN RESTAURANTS INC	COM	237194105	9,785	179,673	SH	DFND	1 3 4	179,673	0	0
DARDEN RESTAURANTS INC	COM	237194105	896	16,451	SH	DFND	1 4	16,451	0	0
DARLING INGREDIENTS INC	COM	237266101	29,260	1,526,357	SH	DFND	1 3 4	1,526,357	0	0
DARLING INGREDIENTS INC	COM	237266101	346	18,072	SH	DFND	1 4	18,072	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	3,589	274,372	SH	DFND	1 3 4	274,372	0	0
DAVITA INC	COM	23918K108	9,564	125,737	SH	DFND	1 3 4	125,737	0	0
DAVITA INC	COM	23918K108	817	10,746	SH	DFND	1 4	10,746	0	0
DECIPHERA PHARMACEUTICALS IN	COM	24344T101	312	7,568	SH	DFND	1 3 4	7,568	0	0
DECKERS OUTDOOR CORP	COM	243537107	31,500	235,077	SH	DFND	1 3 4	231,321	0	3,756
DECKERS OUTDOOR CORP	COM	243537107	511	3,810	SH	DFND	1 4	3,810	0	0
DEERE & CO	COM	244199105	1,030	7,453	SH	DFND	1 4	7,453	0	0
DEERE & CO	COM	244199105	215,755	1,561,630	SH	DFND	1 3 4	1,559,033	0	2,597
DELEK US HLDGS INC NEW	COM	24665A103	17,162	1,089,059	SH	DFND	1 3 4	1,088,453	0	606
DELL TECHNOLOGIES INC	CL C	24703L202	518	13,090	SH	DFND	1 4	13,090	0	0

DELTA AIR LINES INC DEL	COM NEW	247361702	22,944	804,195	SH	DFND	1 3 4	804,195	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	728	25,520	SH	DFND	1 4	25,520	0	0
DELUXE CORP	COM	248019101	4,010	154,632	SH	DFND	1 3 4	154,632	0	0
DENALI THERAPEUTICS INC	COM	24823R105	3,576	204,253	SH	DFND	1 3 4	204,253	0	0
DENBURY RES INC	COM NEW	247916208	735	3,980,754	SH	DFND	1 3 4	3,980,754	0	0
DENBURY RES INC	COM NEW	247916208	8	43,596	SH	DFND	1 4	43,596	0	0
DENNYS CORP	COM	24869P104	209	27,262	SH	DFND	1 3 4	27,262	0	0
DENTSPLY SIRONA INC	COM	24906P109	984	25,350	SH	DFND	1 4	25,350	0	0
DENTSPLY SIRONA INC	COM	24906P109	11,721	301,859	SH	DFND	1 3 4	301,859	0	0
DESIGNER BRANDS INC	CL A	250565108	2,085	418,604	SH	DFND	1 3 4	418,604	0	0
DEVON ENERGY CORP NEW	COM	25179M103	3,635	526,055	SH	DFND	1 3 4	526,055	0	0
DEVON ENERGY CORP NEW	COM	25179M103	260	37,596	SH	DFND	1 4	37,596	0	0
DEXCOM INC	COM	252131107	11,511	42,750	SH	DFND	1 3 4	42,750	0	0
DEXCOM INC	COM	252131107	658	2,444	SH	DFND	1 4	2,444	0	0
DIAGEO P L C	SPON ADR NEW	25243Q205	362	2,850	SH	DFND	1 3 4	0	0	2,850
DIAMOND HILL INVESTMENT GROU	COM NEW	25264R207	233	2,586	SH	DFND	1 3 4	2,586	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C102	899	490,989	SH	DFND	1 3 4	490,989	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	357	13,637	SH	DFND	1 4	13,637	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	24,292	927,219	SH	DFND	1 3 4	926,664	0	555
DIAMONDROCK HOSPITALITY CO	COM	252784301	7,719	1,519,550	SH	DFND	1 3 4	1,519,550	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	130	25,607	SH	DFND	1 4	25,607	0	0
DICERNA PHARMACEUTICALS INC	COM	253031108	192	10,430	SH	DFND	1 3 4	10,430	0	0
DICKS SPORTING GOODS INC	COM	253393102	5,374	252,778	SH	DFND	1 3 4	252,778	0	0
DIEBOLD NXDF INC	COM	253651103	2,053	583,134	SH	DFND	1 3 4	583,134	0	0
DIGI INTL INC	COM	253798102	2,052	215,098	SH	DFND	1 3 4	215,098	0	0
DIGITAL RLTY TR INC	COM	253868103	275,401	1,982,591	SH	DFND	1 3 4	1,978,691	0	3,900
DIGITAL RLTY TR INC	COM	253868103	2,581	18,578	SH	DFND	1 4	18,578	0	0
DIGITAL RLTY TR INC	COM	253868103	239,094	1,721,238	SH	DFND	2 3 4	1,721,238	0	0
DIGITAL TURBINE INC	COM NEW	25400W102	51	11,769	SH	DFND	1 4	11,769	0	0
DILLARDS INC	CL A	254067101	1,105	29,905	SH	DFND	1 3 4	29,905	0	0
DIME CMNTY BANCSHARES	COM	253922108	3,212	234,270	SH	DFND	1 3 4	234,270	0	0
DINE BRANDS GLOBAL INC	COM	254423106	3,654	127,405	SH	DFND	1 3 4	127,405	0	0
DIODES INC	COM	254543101	14,194	349,298	SH	DFND	1 3 4	349,298	0	0
DIODES INC	COM	254543101	263	6,471	SH	DFND	1 4	6,471	0	0
DISCOVER FINL SVCS	COM	254709108	117,987	3,307,757	SH	DFND	1 3 4	3,295,346	0	12,411
DISCOVER FINL SVCS	COM	254709108	1,526	42,772	SH	DFND	1 4	42,772	0	0
DISCOVERY INC	COM SER A	25470F104	4,448	228,798	SH	DFND	1 3 4	228,798	0	0
DISCOVERY INC	COM SER A	25470F104	303	15,563	SH	DFND	1 4	15,563	0	0
DISCOVERY INC	COM SER C	25470F302	7,959	453,785	SH	DFND	1 3 4	453,785	0	0
DISCOVERY INC	COM SER C	25470F302	662	37,732	SH	DFND	1 4	37,732	0	0
DISH NETWORK CORPORATION	CL A	25470M109	6,966	348,458	SH	DFND	1 3 4	348,458	0	0
DISH NETWORK CORPORATION	CL A	25470M109	431	21,552	SH	DFND	1 4	21,552	0	0
DISNEY WALT CO	COM DISNEY	254687106	440,967	4,564,884	SH	DFND	1 3 4	4,559,147	0	5,737
DISNEY WALT CO	COM DISNEY	254687106	3,263	33,774	SH	DFND	1 4	33,774	0	0
DMC GLOBAL INC	COM	23291C103	2,557	111,114	SH	DFND	1 3 4	111,114	0	0
DOCUSIGN INC	COM	256163106	312	3,372	SH	DFND	1 3 4	3,372	0	0

DOCUSIGN INC	COM	256163106	1,612	17,451	SH	DFND	1 4	17,451	0	0
DOLBY LABORATORIES INC	COM CL A	25659T107	466	8,588	SH	DFND	1 4	8,588	0	0
DOLLAR GEN CORP NEW	COM	256677105	199,926	1,323,928	SH	DFND	1 3 4	1,323,928	0	0
DOLLAR GEN CORP NEW	COM	256677105	5,046	33,416	SH	DFND	1 4	33,416	0	0
DOLLAR TREE INC	COM	256746108	23,536	320,349	SH	DFND	1 3 4	320,349	0	0
DOLLAR TREE INC	COM	256746108	1,682	22,892	SH	DFND	1 4	22,892	0	0
DOMINION ENERGY INC	COM	25746U109	80,388	1,113,555	SH	DFND	1 3 4	1,113,555	0	0
DOMINION ENERGY INC	COM	25746U109	1,150	15,936	SH	DFND	1 4	15,936	0	0
DOMINOS PIZZA INC	COM	25754A201	421,912	1,301,917	SH	DFND	1 3 4	1,301,917	0	0
DOMINOS PIZZA INC	COM	25754A201	1,518	4,684	SH	DFND	1 4	4,684	0	0
DOMTAR CORP	COM NEW	257559203	6,125	283,044	SH	DFND	1 3 4	283,044	0	0
DONALDSON INC	COM	257651109	31,789	822,912	SH	DFND	1 3 4	822,642	0	270
DONALDSON INC	COM	257651109	652	16,891	SH	DFND	1 4	16,891	0	0
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	1,248	236,805	SH	DFND	1 3 4	236,805	0	0
DONNELLEY R R & SONS CO	COM	257867200	516	537,907	SH	DFND	1 3 4	537,907	0	0
DORIAN LPG LTD	SHS USD	Y2106R110	1,914	219,702	SH	DFND	1 3 4	219,702	0	0
DORMAN PRODUCTS INC	COM	258278100	12,233	221,336	SH	DFND	1 3 4	221,336	0	0
DOUGLAS EMMETT INC	COM	25960P109	14,891	488,078	SH	DFND	1 3 4	488,078	0	0
DOUGLAS EMMETT INC	COM	25960P109	615	20,166	SH	DFND	1 4	20,166	0	0
DOVER CORP	COM	260003108	1,659	19,761	SH	DFND	1 4	19,761	0	0
DOVER CORP	COM	260003108	22,376	266,576	SH	DFND	1 3 4	266,576	0	0
DOW INC	COM	260557103	29,332	1,003,164	SH	DFND	1 3 4	1,003,164	0	0
DOW INC	COM	260557103	608	20,790	SH	DFND	1 4	20,790	0	0
DRIL QUIP INC	COM	262037104	8,372	274,496	SH	DFND	1 3 4	274,496	0	0
DROPBOX INC	CL A	26210C104	561	31,000	SH	DFND	1 4	31,000	0	0
DSP GROUP INC	COM	23332B106	2,339	174,524	SH	DFND	1 3 4	174,524	0	0
DTE ENERGY CO	COM	233331107	24,720	260,292	SH	DFND	1 3 4	260,292	0	0
DTE ENERGY CO	COM	233331107	1,791	18,860	SH	DFND	1 4	18,860	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	79,802	986,663	SH	DFND	1 3 4	986,663	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	1,757	21,722	SH	DFND	1 4	21,722	0	0
DUKE REALTY CORP	COM NEW	264411505	25,008	772,339	SH	DFND	1 3 4	772,339	0	0
DUKE REALTY CORP	COM NEW	264411505	990	30,583	SH	DFND	1 4	30,583	0	0
DUKE REALTY CORP	COM NEW	264411505	185,861	5,740,106	SH	DFND	2 3 4	5,740,106	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	13,023	245,257	SH	DFND	1 3 4	245,257	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	599	11,284	SH	DFND	1 4	11,284	0	0
DUPONT DE NEMOURS INC	COM	26614N102	44,831	1,314,698	SH	DFND	1 3 4	1,313,903	0	795
DUPONT DE NEMOURS INC	COM	26614N102	669	19,613	SH	DFND	1 4	19,613	0	0
DXC TECHNOLOGY CO	COM	23355L106	5,013	384,132	SH	DFND	1 3 4	384,132	0	0
DXC TECHNOLOGY CO	COM	23355L106	340	26,030	SH	DFND	1 4	26,030	0	0
DXP ENTERPRISES INC NEW	COM NEW	233377407	1,490	121,527	SH	DFND	1 3 4	121,527	0	0
DYCOM INDS INC	COM	267475101	2,390	93,163	SH	DFND	1 3 4	93,163	0	0
DYNATRACE INC	COM	268150109	5,349	224,366	SH	DFND	1 3 4	224,366	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	43	12,230	SH	DFND	1 3 4	12,230	0	0
E TRADE FINANCIAL CORP	COM NEW	269246401	10,869	316,694	SH	DFND	1 3 4	316,694	0	0
E TRADE FINANCIAL CORP	COM NEW	269246401	700	20,409	SH	DFND	1 4	20,409	0	0
EAGLE BANCORP INC MD	COM	268948106	7,708	255,137	SH	DFND	1 3 4	255,137	0	0
EAGLE MATERIALS INC	COM	26969P108	7,223	123,633	SH	DFND	1 3 4	123,633	0	0
EAGLE MATERIALS INC	COM	26969P108	307	5,254	SH	DFND	1 4	5,254	0	0

EAGLE PHARMACEUTICALS INC	COM	269796108	3,993	86,799	SH	DFND	1 3 4	86,799	0	0
EAST WEST BANCORP INC	COM	27579R104	76,122	2,957,489	SH	DFND	1 3 4	2,955,584	0	1,905
EAST WEST BANCORP INC	COM	27579R104	391	15,183	SH	DFND	1 4	15,183	0	0
EASTERLY GOVT PPTYS INC	COM	27616P103	13,882	563,385	SH	DFND	1 3 4	563,385	0	0
EASTGROUP PPTY INC	COM	277276101	51,198	490,063	SH	DFND	1 3 4	489,786	0	277
EASTGROUP PPTY INC	COM	277276101	536	5,133	SH	DFND	1 4	5,133	0	0
EASTMAN CHEM CO	COM	277432100	9,545	204,918	SH	DFND	1 3 4	204,918	0	0
EASTMAN CHEM CO	COM	277432100	743	15,944	SH	DFND	1 4	15,944	0	0
EATON CORP PLC	SHS	G29183103	915	11,776	SH	DFND	1 4	11,776	0	0
EATON CORP PLC	SHS	G29183103	46,199	594,661	SH	DFND	1 3 4	594,661	0	0
EATON VANCE CORP	COM NON VTG	278265103	365	11,319	SH	DFND	1 4	11,319	0	0
EATON VANCE CORP	COM NON VTG	278265103	11,516	357,075	SH	DFND	1 3 4	357,075	0	0
EATON VANCE TX MNG BY WRT OP	COM	27828Y108	292	24,233	SH	SOLE		0	0	24,233
EBAY INC	COM	278642103	35,694	1,187,433	SH	DFND	1 3 4	1,187,433	0	0
EBAY INC	COM	278642103	1,938	64,457	SH	DFND	1 4	64,457	0	0
EBIX INC	COM NEW	278715206	2,846	187,488	SH	DFND	1 3 4	187,488	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	3,537	207,079	SH	DFND	1 3 4	207,079	0	0
ECOLAB INC	COM	278865100	69,174	443,907	SH	DFND	1 3 4	443,907	0	0
ECOLAB INC	COM	278865100	3,179	20,400	SH	DFND	1 4	20,400	0	0
ECOPETROL S A	SPONSORED ADS	279158109	1,764	185,509	SH	DFND	1 3 4	185,509	0	0
EDGEWELL PERS CARE CO	COM	28035Q102	4,524	187,890	SH	DFND	1 3 4	187,890	0	0
EDISON INTL	COM	281020107	26,652	486,431	SH	DFND	1 3 4	486,431	0	0
EDISON INTL	COM	281020107	1,924	35,112	SH	DFND	1 4	35,112	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	2,314	12,270	SH	DFND	1 4	12,270	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	65,079	345,027	SH	DFND	1 3 4	343,710	0	1,317
EHEALTH INC	COM	28238P109	26,610	188,966	SH	DFND	1 3 4	188,966	0	0
EHEALTH INC	COM	28238P109	309	2,191	SH	DFND	1 4	2,191	0	0
EIDOS THERAPEUTICS INC	COM	28249H104	274	5,594	SH	DFND	1 3 4	5,594	0	0
EL PASO ELEC CO	COM NEW	283677854	21,031	309,466	SH	DFND	1 3 4	309,466	0	0
EL PASO ELEC CO	COM NEW	283677854	257	3,787	SH	DFND	1 4	3,787	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	1,252	148,205	SH	DFND	1 3 4	148,205	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	19,582	874,585	SH	DFND	1 3 4	874,585	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	499	22,267	SH	DFND	1 4	22,267	0	0
ELDORADO RESORTS INC	COM	28470R102	7,217	501,187	SH	DFND	1 3 4	501,187	0	0
ELECTRONIC ARTS INC	COM	285512109	2,830	28,256	SH	DFND	1 4	28,256	0	0
ELECTRONIC ARTS INC	COM	285512109	39,577	395,100	SH	DFND	1 3 4	395,100	0	0
ELLINGTON FINANCIAL INC	COM	28852N109	338	59,145	SH	DFND	1 3 4	59,145	0	0
EMCOR GROUP INC	COM	29084Q100	10,301	167,988	SH	DFND	1 3 4	167,988	0	0
EMCOR GROUP INC	COM	29084Q100	472	7,693	SH	DFND	1 4	7,693	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	19,749	341,322	SH	DFND	1 3 4	341,322	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	335	5,789	SH	DFND	1 4	5,789	0	0
EMERSON ELEC CO	COM	291011104	39,279	824,315	SH	DFND	1 3 4	824,315	0	0
EMERSON ELEC CO	COM	291011104	1,410	29,596	SH	DFND	1 4	29,596	0	0
EMPIRE ST RLTY TR INC	CL A	292104106	163	18,154	SH	DFND	1 4	18,154	0	0



EMPLOYERS HOLDINGS INC	COM	292218104	9,791	241,701	SH	DFND	1 3 4	241,701	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	6,390	124,253	SH	DFND	1 3 4	124,253	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	41,337	645,594	SH	DFND	1 3 4	645,594	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	719	11,231	SH	DFND	1 4	11,231	0	0
ENCORE CAP GROUP INC	COM	292554102	5,405	231,194	SH	DFND	1 3 4	231,194	0	0
ENCORE WIRE CORP	COM	292562105	6,972	166,040	SH	DFND	1 3 4	166,040	0	0
ENDO INTL PLC	SHS	G30401106	6,214	1,679,559	SH	DFND	1 3 4	1,679,559	0	0
ENDO INTL PLC	SHS	G30401106	68	18,375	SH	DFND	1 4	18,375	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	56	29,031	SH	DFND	1 3 4	29,031	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	24	12,309	SH	DFND	1 4	12,309	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	65,641	2,170,054	SH	DFND	1 3 4	2,161,321	0	8,733
ENERGY RECOVERY INC	COM	29270J100	237	31,894	SH	DFND	1 3 4	31,894	0	0
ENERSYS	COM	29275Y102	299	6,044	SH	DFND	1 4	6,044	0	0
ENERSYS	COM	29275Y102	23,380	472,121	SH	DFND	1 3 4	472,121	0	0
ENOVA INTL INC	COM	29357K103	3,755	259,174	SH	DFND	1 3 4	259,174	0	0
ENPHASE ENERGY INC	COM	29355A107	3,851	119,278	SH	DFND	1 3 4	119,278	0	0
ENPHASE ENERGY INC	COM	29355A107	415	12,846	SH	DFND	1 4	12,846	0	0
ENPRO INDS INC	COM	29355X107	17,080	431,524	SH	DFND	1 3 4	431,214	0	310
ENSIGN GROUP INC	COM	29358P101	15,186	403,781	SH	DFND	1 3 4	403,781	0	0
ENSIGN GROUP INC	COM	29358P101	302	8,034	SH	DFND	1 4	8,034	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	244	1,535	SH	DFND	1 4	1,535	0	0
ENTEGRIS INC	COM	29362U104	21,376	477,470	SH	DFND	1 3 4	477,470	0	0
ENTEGRIS INC	COM	29362U104	745	16,635	SH	DFND	1 4	16,635	0	0
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	22	13,018	SH	DFND	1 4	13,018	0	0
ENTERGY CORP NEW	COM	29364G103	2,262	24,068	SH	DFND	1 4	24,068	0	0
ENTERGY CORP NEW	COM	29364G103	31,594	336,217	SH	DFND	1 3 4	336,217	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	299	10,714	SH	DFND	1 3 4	10,714	0	0
ENTERPRISE PRODS PARTNERS L	COM	293792107	82,054	5,738,050	SH	DFND	1 3 4	5,723,376	0	14,674
ENVESTNET INC	COM	29404K106	369	6,860	SH	DFND	1 4	6,860	0	0
EOG RES INC	COM	26875P101	105,254	2,930,224	SH	DFND	1 3 4	2,925,093	0	5,131
EOG RES INC	COM	26875P101	566	15,747	SH	DFND	1 4	15,747	0	0
EPAM SYS INC	COM	29414B104	1,298	6,989	SH	DFND	1 4	6,989	0	0
EPIZYME INC	COM	29428V104	764	49,290	SH	DFND	1 3 4	49,290	0	0
EPLUS INC	COM	294268107	6,453	103,050	SH	DFND	1 3 4	103,050	0	0
EPR PPTYS	COM SH BEN INT	26884U109	8,927	368,534	SH	DFND	1 3 4	368,534	0	0
EPR PPTYS	COM SH BEN INT	26884U109	208	8,577	SH	DFND	1 4	8,577	0	0
EPR PPTYS	COM SH BEN INT	26884U109	56,145	2,318,239	SH	DFND	2 3 4	2,318,239	0	0
EQT CORPORATION	COM	26884L109	129	18,192	SH	DFND	1 4	18,192	0	0
EQT CORPORATION	COM	26884L109	5,360	758,127	SH	DFND	1 3 4	758,127	0	0
EQUIFAX INC	COM	294429105	1,534	12,845	SH	DFND	1 4	12,845	0	0
EQUIFAX INC	COM	294429105	19,567	163,809	SH	DFND	1 3 4	163,809	0	0
EQUINIX INC	COM	29444U700	286,400	458,556	SH	DFND	1 3 4	458,556	0	0
EQUINIX INC	COM	29444U700	5,815	9,311	SH	DFND	1 4	9,311	0	0
EQUINIX INC	COM	29444U700	778,174	1,245,957	SH	DFND	2 3 4	1,245,957	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	3,035	603,398	SH	DFND	1 3 4	603,398	0	0
EQUITRANS MIDSTREAM CORP	COM	294600101	66	13,097	SH	DFND	1 4	13,097	0	0

EQUITY COMWLTH	COM SH BEN INT	294628102	416	13,126	SH	DFND	1 4	13,126	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	10,581	184,079	SH	DFND	1 3 4	184,079	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	1,192	20,733	SH	DFND	1 4	20,733	0	0
EQUITY LIFESTYLE PTYS INC	COM	29472R108	127,774	2,223,009	SH	DFND	2 3 4	2,223,009	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	33,068	535,850	SH	DFND	1 3 4	535,850	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	1,941	31,461	SH	DFND	1 4	31,461	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	103,225	1,672,767	SH	DFND	2 3 4	1,672,767	0	0
ERA GROUP INC	COM	26885G109	801	150,208	SH	DFND	1 3 4	150,208	0	0
ESCO TECHNOLOGIES INC	COM	296315104	15,992	210,676	SH	DFND	1 3 4	210,676	0	0
ESSENT GROUP LTD	COM	G3198U102	343	13,031	SH	DFND	1 4	13,031	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	13,281	1,016,881	SH	DFND	1 3 4	1,016,881	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	179	13,727	SH	DFND	1 4	13,727	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	127,967	9,798,395	SH	DFND	2 3 4	9,798,395	0	0
ESSEX PPTY TR INC	COM	297178105	36,685	166,571	SH	DFND	1 3 4	166,571	0	0
ESSEX PPTY TR INC	COM	297178105	1,270	5,765	SH	DFND	1 4	5,765	0	0
ESSEX PPTY TR INC	COM	297178105	466,528	2,118,315	SH	DFND	2 3 4	2,118,315	0	0
ETF MANAGERS TR	PRIME CYBR SCRTY	26924G201	364	10,207	SH	SOLE		0	0	10,207
ETHAN ALLEN INTERIORS INC	COM	297602104	1,924	188,249	SH	DFND	1 3 4	188,249	0	0
ETSY INC	COM	29786A106	13,486	350,845	SH	DFND	1 3 4	350,845	0	0
EURONET WORLDWIDE INC	COM	298736109	625	7,294	SH	DFND	1 4	7,294	0	0
EVENTBRITE INC	COM CL A	29975E109	4,646	636,564	SH	DFND	1 3 4	636,564	0	0
EVERBRIDGE INC	COM	29978A104	341	3,203	SH	DFND	1 4	3,203	0	0
EVERCORE INC	CLASS A	29977A105	7,561	164,162	SH	DFND	1 3 4	164,162	0	0
EVERCORE INC	CLASS A	29977A105	234	5,085	SH	DFND	1 4	5,085	0	0
EVEREST RE GROUP LTD	COM	G3223R108	10,617	55,177	SH	DFND	1 3 4	55,177	0	0
EVEREST RE GROUP LTD	COM	G3223R108	942	4,893	SH	DFND	1 4	4,893	0	0
EVERGY INC	COM	30034W106	17,056	309,821	SH	DFND	1 3 4	309,821	0	0
EVERGY INC	COM	30034W106	1,660	30,156	SH	DFND	1 4	30,156	0	0
EVERI HLDGS INC	COM	30034T103	37	11,171	SH	DFND	1 4	11,171	0	0
EVERSOURCE ENERGY	COM	30040W108	152,173	1,945,707	SH	DFND	1 3 4	1,937,804	0	7,903
EVERSOURCE ENERGY	COM	30040W108	1,904	24,348	SH	DFND	1 4	24,348	0	0
EVERTEC INC	COM	30040P103	10,968	482,546	SH	DFND	1 3 4	482,546	0	0
EVERTEC INC	COM	30040P103	236	10,379	SH	DFND	1 4	10,379	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	781	69,665	SH	DFND	1 3 4	69,665	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	112	10,023	SH	DFND	1 4	10,023	0	0
EXACT SCIENCES CORP	COM	30063P105	1,369	23,605	SH	DFND	1 3 4	23,605	0	0
EXACT SCIENCES CORP	COM	30063P105	925	15,956	SH	DFND	1 4	15,956	0	0
EXANTAS CAP CORP	COM NEW	30068N105	82	29,728	SH	DFND	1 3 4	29,728	0	0
EXELIXIS INC	COM	30161Q104	15,479	898,910	SH	DFND	1 3 4	898,910	0	0
EXELIXIS INC	COM	30161Q104	549	31,861	SH	DFND	1 4	31,861	0	0
EXELON CORP	COM	30161N101	690	18,749	SH	DFND	1 4	18,749	0	0
EXELON CORP	COM	30161N101	48,436	1,315,829	SH	DFND	1 3 4	1,315,829	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	282	5,411	SH	DFND	1 4	5,411	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	24,136	463,877	SH	DFND	1 3 4	463,877	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	10,874	193,273	SH	DFND	1 3 4	193,273	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	988	17,555	SH	DFND	1 4	17,555	0	0
EXPEDITORS INTL WASH INC	COM	302130109	54,827	821,744	SH	DFND	1 3 4	816,259	0	5,485

EXPEDITORS INTL WASH INC	COM	302130109	1,354	20,297	SH	DFND	1 4	20,297	0	0
EXPONENT INC	COM	30214U102	30,317	421,594	SH	DFND	1 3 4	421,594	0	0
EXPONENT INC	COM	30214U102	359	4,989	SH	DFND	1 4	4,989	0	0
EXPRESS INC	COM	30219E103	760	510,341	SH	DFND	1 3 4	510,341	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	9,091	1,243,619	SH	DFND	1 3 4	1,243,619	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	152	20,820	SH	DFND	1 4	20,820	0	0
EXTERRAN CORP	COM	30227H106	1,025	213,484	SH	DFND	1 3 4	213,484	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	285,831	2,984,883	SH	DFND	2 3 4	2,984,883	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	44,972	469,633	SH	DFND	1 3 4	469,633	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	1,359	14,190	SH	DFND	1 4	14,190	0	0
EXTREME NETWORKS INC	COM	30226D106	2,850	922,309	SH	DFND	1 3 4	922,309	0	0
EXTREME NETWORKS INC	COM	30226D106	50	16,028	SH	DFND	1 4	16,028	0	0
EXXON MOBIL CORP	COM	30231G102	263,828	6,948,338	SH	DFND	1 3 4	6,946,653	0	1,685
EXXON MOBIL CORP	COM	30231G102	4,139	108,998	SH	DFND	1 4	108,998	0	0
EZCORP INC	CL A NON VTG	302301106	1,663	398,798	SH	DFND	1 3 4	398,798	0	0
F M C CORP	COM NEW	302491303	51,002	624,330	SH	DFND	1 3 4	621,111	0	3,219
F M C CORP	COM NEW	302491303	1,094	13,395	SH	DFND	1 4	13,395	0	0
F N B CORP	COM	302520101	260	35,285	SH	DFND	1 4	35,285	0	0
F N B CORP	COM	302520101	7,161	971,581	SH	DFND	1 3 4	971,581	0	0
F5 NETWORKS INC	COM	315616102	988	9,268	SH	DFND	1 4	9,268	0	0
F5 NETWORKS INC	COM	315616102	8,971	84,130	SH	DFND	1 3 4	84,130	0	0
FABRINET	SHS	G3323L100	15,317	280,739	SH	DFND	1 3 4	280,739	0	0
FABRINET	SHS	G3323L100	284	5,207	SH	DFND	1 4	5,207	0	0
FACEBOOK INC	CL A	30303M102	791,713	4,746,483	SH	DFND	1 3 4	4,743,018	0	3,465
FACEBOOK INC	CL A	30303M102	33,617	201,540	SH	DFND	1 4	201,540	0	0
FACEBOOK INC	CL A	30303M102	284	1,704	SH	SOLE		0	0	1,704
FACTSET RESH SYS INC	COM	303075105	29,502	113,174	SH	DFND	1 3 4	113,174	0	0
FACTSET RESH SYS INC	COM	303075105	1,046	4,011	SH	DFND	1 4	4,011	0	0
FAIR ISAAC CORP	COM	303250104	71,360	231,922	SH	DFND	1 3 4	230,572	0	1,350
FAIR ISAAC CORP	COM	303250104	1,209	3,930	SH	DFND	1 4	3,930	0	0
FALCON MINERALS CORP	CL A COM	30607B109	23	10,649	SH	DFND	1 3 4	10,649	0	0
FARO TECHNOLOGIES INC	COM	311642102	5,876	132,038	SH	DFND	1 3 4	132,038	0	0
FASTENAL CO	COM	311900104	1,936	61,945	SH	DFND	1 4	61,945	0	0
FASTENAL CO	COM	311900104	288,704	9,238,515	SH	DFND	1 3 4	9,238,515	0	0
FATE THERAPEUTICS INC	COM	31189P102	221	9,964	SH	DFND	1 3 4	9,964	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	20,852	374,850	SH	DFND	1 3 4	374,549	0	301
FEDERAL REALTY INV TR	SH BEN INT NEW	313747206	7,090	95,023	SH	DFND	1 3 4	95,023	0	0
FEDERAL REALTY INV TR	SH BEN INT NEW	313747206	646	8,656	SH	DFND	1 4	8,656	0	0
FEDERAL SIGNAL CORP	COM	313855108	13,332	488,714	SH	DFND	1 3 4	488,714	0	0
FEDERAL SIGNAL CORP	COM	313855108	227	8,324	SH	DFND	1 4	8,324	0	0
FEDERATED HERMES INC	CL B	314211103	6,790	356,418	SH	DFND	1 3 4	356,418	0	0
FEDERATED HERMES INC	CL B	314211103	264	13,884	SH	DFND	1 4	13,884	0	0
FEDEX CORP	COM	31428X106	566	4,671	SH	DFND	1 4	4,671	0	0
FEDEX CORP	COM	31428X106	39,378	324,743	SH	DFND	1 3 4	324,743	0	0
FERRARI N V	COM	N3167Y103	229	1,500	SH	DFND	1 3 4	0	0	1,500
FERRO CORP	COM	315405100	5,821	621,874	SH	DFND	1 3 4	621,874	0	0
FGL HLDGS	ORD SHS	G3402M102	9,724	992,207	SH	DFND	1 3 4	992,207	0	0
FGL HLDGS	ORD SHS	G3402M102	166	16,919	SH	DFND	1 4	16,919	0	0

FIBROGEN INC	COM	31572Q808	5,523	158,916	SH	DFND	1 3 4	158,916	0	0
FIBROGEN INC	COM	31572Q808	341	9,815	SH	DFND	1 4	9,815	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	422,481	16,980,685	SH	DFND	1 3 4	16,947,545	0	33,140
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	758	30,484	SH	DFND	1 4	30,484	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	210,839	1,733,303	SH	DFND	1 3 4	1,726,422	0	6,881
FIDELITY NATL INFORMATION SV	COM	31620M106	3,242	26,649	SH	DFND	1 4	26,649	0	0
FIESTA RESTAURANT GROUP INC	COM	31660B101	655	162,592	SH	DFND	1 3 4	162,592	0	0
FIFTH THIRD BANCORP	COM	316773100	14,626	984,924	SH	DFND	1 3 4	984,924	0	0
FIFTH THIRD BANCORP	COM	316773100	1,415	95,318	SH	DFND	1 4	95,318	0	0
FIREEYE INC	COM	31816Q101	310	29,263	SH	DFND	1 4	29,263	0	0
FIRST AMERN FINL CORP	COM	31847R102	23,312	549,685	SH	DFND	1 3 4	549,685	0	0
FIRST AMERN FINL CORP	COM	31847R102	575	13,562	SH	DFND	1 4	13,562	0	0
FIRST BANCORP P R	COM NEW	318672706	9,478	1,781,541	SH	DFND	1 3 4	1,781,541	0	0
FIRST BANCORP P R	COM NEW	318672706	141	26,550	SH	DFND	1 4	26,550	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	7,135	780,643	SH	DFND	1 3 4	780,643	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	263	789	SH	DFND	1 4	789	0	0
FIRST FINL BANCORP OH	COM	320209109	11,257	755,004	SH	DFND	1 3 4	755,004	0	0
FIRST FINL BANCORP OH	COM	320209109	170	11,403	SH	DFND	1 4	11,403	0	0
FIRST FINL BANKSHARES	COM	32020R109	336	12,522	SH	DFND	1 4	12,522	0	0
FIRST FINL BANKSHARES	COM	32020R109	10,776	401,505	SH	DFND	1 3 4	401,505	0	0
FIRST HAWAIIAN INC	COM	32051X108	243	14,672	SH	DFND	1 4	14,672	0	0
FIRST HAWAIIAN INC	COM	32051X108	1,357	82,103	SH	DFND	1 3 4	82,103	0	0
FIRST HORIZON NATL CORP	COM	320517105	8,180	1,014,913	SH	DFND	1 3 4	1,014,913	0	0
FIRST HORIZON NATL CORP	COM	320517105	274	34,036	SH	DFND	1 4	34,036	0	0
FIRST INDL RLTY TR INC	COM	32054K103	40,619	1,222,356	SH	DFND	1 3 4	1,222,356	0	0
FIRST INDL RLTY TR INC	COM	32054K103	509	15,303	SH	DFND	1 4	15,303	0	0
FIRST INDL RLTY TR INC	COM	32054K103	112,747	3,392,990	SH	DFND	2 3 4	3,392,990	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	9,314	322,931	SH	DFND	1 3 4	322,931	0	0
FIRST MERCHANTS CORP	COM	320817109	9,033	340,992	SH	DFND	1 3 4	340,992	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	20,800	1,571,602	SH	DFND	1 3 4	1,571,602	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	1,127	13,701	SH	DFND	1 4	13,701	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	426,264	5,180,637	SH	DFND	1 3 4	5,177,354	0	3,283
FIRST SOLAR INC	COM	336433107	8,088	224,304	SH	DFND	1 3 4	224,304	0	0
FIRST SOLAR INC	COM	336433107	231	6,408	SH	DFND	1 4	6,408	0	0
FIRSTCASH INC	COM	33767D105	9,067	126,383	SH	DFND	1 3 4	126,383	0	0
FIRSTCASH INC	COM	33767D105	385	5,369	SH	DFND	1 4	5,369	0	0
FIRSTENERGY CORP	COM	337932107	31,790	793,362	SH	DFND	1 3 4	793,362	0	0
FIRSTENERGY CORP	COM	337932107	2,577	64,306	SH	DFND	1 4	64,306	0	0
FISERV INC	COM	337738108	74,205	781,195	SH	DFND	1 3 4	781,195	0	0
FISERV INC	COM	337738108	5,114	53,833	SH	DFND	1 4	53,833	0	0
FITBIT INC	CL A	33812L102	126	18,954	SH	DFND	1 4	18,954	0	0
FIVE BELOW INC	COM	33829M101	11,581	164,554	SH	DFND	1 3 4	164,554	0	0
FIVE9 INC	COM	338307101	441	5,768	SH	DFND	1 4	5,768	0	0

FLAGSTAR BANCORP INC	COM PAR .001	337930705	12,159	613,148	SH	DFND	1 3 4	613,148	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	2,005	10,749	SH	DFND	1 4	10,749	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	24,989	133,960	SH	DFND	1 3 4	133,960	0	0
FLIR SYS INC	COM	302445101	6,131	192,247	SH	DFND	1 3 4	192,247	0	0
FLIR SYS INC	COM	302445101	505	15,843	SH	DFND	1 4	15,843	0	0
FLOOR & DECOR HLDGS INC	CL A	339750101	294	9,164	SH	DFND	1 4	9,164	0	0
FLOWERS FOODS INC	COM	343498101	11,699	570,151	SH	DFND	1 3 4	570,151	0	0
FLOWERS FOODS INC	COM	343498101	405	19,738	SH	DFND	1 4	19,738	0	0
FLOWERVE CORP	COM	34354P105	4,251	177,928	SH	DFND	1 3 4	177,928	0	0
FLOWERVE CORP	COM	34354P105	300	12,563	SH	DFND	1 4	12,563	0	0
FLUIDIGM CORP DEL	COM	34385P108	139	54,650	SH	DFND	1 3 4	54,650	0	0
FLUIDIGM CORP DEL	COM	34385P108	31	12,381	SH	DFND	1 4	12,381	0	0
FLUOR CORP NEW	COM	343412102	2,863	414,302	SH	DFND	1 3 4	414,302	0	0
FLUOR CORP NEW	COM	343412102	83	11,980	SH	DFND	1 4	11,980	0	0
FOOT LOCKER INC	COM	344849104	245	11,107	SH	DFND	1 4	11,107	0	0
FOOT LOCKER INC	COM	344849104	7,739	350,971	SH	DFND	1 3 4	350,971	0	0
FORD MTR CO DEL	COM	345370860	25,458	5,270,803	SH	DFND	1 3 4	5,270,803	0	0
FORD MTR CO DEL	COM	345370860	365	75,562	SH	DFND	1 4	75,562	0	0
FORMFACTOR INC	COM	346375108	11,990	596,839	SH	DFND	1 3 4	596,839	0	0
FORRESTER RESH INC	COM	346563109	2,518	86,154	SH	DFND	1 3 4	86,154	0	0
FORTERRA INC	COM	34960W106	108	18,036	SH	DFND	1 3 4	18,036	0	0
FORTINET INC	COM	34959E109	19,559	193,326	SH	DFND	1 3 4	193,326	0	0
FORTINET INC	COM	34959E109	1,896	18,743	SH	DFND	1 4	18,743	0	0
FORTIVE CORP	COM	34959J108	1,493	27,046	SH	DFND	1 4	27,046	0	0
FORTIVE CORP	COM	34959J108	22,069	399,913	SH	DFND	1 3 4	399,913	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	827	19,115	SH	DFND	1 4	19,115	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	8,693	201,004	SH	DFND	1 3 4	201,004	0	0
FORTY SEVEN INC	COM	34983P104	305	3,200	SH	DFND	1 4	3,200	0	0
FORWARD AIR CORP	COM	349853101	11,659	230,182	SH	DFND	1 3 4	230,182	0	0
FORWARD AIR CORP	COM	349853101	221	4,363	SH	DFND	1 4	4,363	0	0
FOSSIL GROUP INC	COM	34988V106	1,160	352,593	SH	DFND	1 3 4	352,593	0	0
FOUNDATION BLDG MATLS INC	COM	350392106	1,381	134,252	SH	DFND	1 3 4	134,252	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	39,332	2,102,408	SH	DFND	1 3 4	2,101,190	0	1,218
FOUR CORNERS PPTY TR INC	COM	35086T109	205	10,964	SH	DFND	1 4	10,964	0	0
FOX CORP	CL A COM	35137L105	11,354	480,512	SH	DFND	1 3 4	480,512	0	0
FOX CORP	CL A COM	35137L105	1,027	43,441	SH	DFND	1 4	43,441	0	0
FOX CORP	CL B COM	35137L204	5,346	233,647	SH	DFND	1 3 4	233,647	0	0
FOX CORP	CL B COM	35137L204	475	20,771	SH	DFND	1 4	20,771	0	0
FOX FACTORY HLDG CORP	COM	35138V102	12,292	292,671	SH	DFND	1 3 4	292,671	0	0
FRANCO NEVADA CORP	COM	351858105	78,483	788,613	SH	DFND	1 3 4	788,613	0	0
FRANKLIN ELEC INC	COM	353514102	16,178	343,270	SH	DFND	1 3 4	343,270	0	0
FRANKLIN ELEC INC	COM	353514102	207	4,402	SH	DFND	1 4	4,402	0	0
FRANKLIN FINL NETWORK INC	COM	35352P104	2,072	101,602	SH	DFND	1 3 4	101,602	0	0
FRANKLIN RESOURCES INC	COM	354613101	6,379	382,221	SH	DFND	1 3 4	382,221	0	0
FRANKLIN RESOURCES INC	COM	354613101	386	23,115	SH	DFND	1 4	23,115	0	0
FRANKLIN STR PPTYS CORP	COM	35471R106	4,662	813,543	SH	DFND	1 3 4	813,543	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	15,469	2,291,670	SH	DFND	1 3 4	2,291,670	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	1,040	154,144	SH	DFND	1 4	154,144	0	0

FRESH DEL MONTE PRODUCE INC	ORD	G36738105	6,345	229,819	SH	DFND	1 3 4	229,819	0	0
FRESHPET INC	COM	358039105	214	3,350	SH	DFND	1 4	3,350	0	0
FRONTDOOR INC	COM	35905A109	313	8,989	SH	DFND	1 4	8,989	0	0
FTI CONSULTING INC	COM	302941109	24,132	201,487	SH	DFND	1 3 4	201,487	0	0
FTI CONSULTING INC	COM	302941109	358	2,991	SH	DFND	1 4	2,991	0	0
FULLER H B CO	COM	359694106	32,427	1,161,061	SH	DFND	1 3 4	1,160,614	0	447
FULTON FINL CORP PA	COM	360271100	5,581	485,723	SH	DFND	1 3 4	485,723	0	0
FULTON FINL CORP PA	COM	360271100	145	12,625	SH	DFND	1 4	12,625	0	0
FUNKO INC	COM CL A	361008105	45	11,160	SH	DFND	1 3 4	11,160	0	0
FUTUREFUEL CORP	COM	36116M106	2,207	195,799	SH	DFND	1 3 4	195,799	0	0
G III APPAREL GROUP LTD	COM	36237H101	2,644	343,344	SH	DFND	1 3 4	343,344	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	21,933	269,081	SH	DFND	1 3 4	269,081	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	1,273	15,614	SH	DFND	1 4	15,614	0	0
GAMESTOP CORP NEW	CL A	36467W109	1,750	499,897	SH	DFND	1 3 4	499,897	0	0
GAMING & LEISURE PTYS INC	COM	36467J108	723	26,081	SH	DFND	1 4	26,081	0	0
GANNETT CO INC	COM	36472T109	19	12,635	SH	DFND	1 4	12,635	0	0
GANNETT CO INC	COM	36472T109	1,380	932,277	SH	DFND	1 3 4	932,277	0	0
GAP INC	COM	364760108	2,031	288,511	SH	DFND	1 3 4	288,511	0	0
GAP INC	COM	364760108	159	22,654	SH	DFND	1 4	22,654	0	0
GARMIN LTD	SHS	H2906T109	15,896	212,059	SH	DFND	1 3 4	212,059	0	0
GARMIN LTD	SHS	H2906T109	896	11,952	SH	DFND	1 4	11,952	0	0
GARRETT MOTION INC	COM	366505105	1,624	567,690	SH	DFND	1 3 4	567,690	0	0
GARTNER INC	COM	366651107	357,893	3,594,399	SH	DFND	1 3 4	3,594,399	0	0
GARTNER INC	COM	366651107	1,205	12,102	SH	DFND	1 4	12,102	0	0
GATX CORP	COM	361448103	6,490	103,739	SH	DFND	1 3 4	103,739	0	0
GCI LIBERTY INC	COM CLASS A	36164V305	188,014	3,300,244	SH	DFND	1 3 4	3,300,244	0	0
GCI LIBERTY INC	COM CLASS A	36164V305	313	5,486	SH	DFND	1 4	5,486	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	7,264	408,073	SH	DFND	1 3 4	408,073	0	0
GENERAC HLDGS INC	COM	368736104	17,258	185,226	SH	DFND	1 3 4	185,226	0	0
GENERAC HLDGS INC	COM	368736104	550	5,901	SH	DFND	1 4	5,901	0	0
GENERAL DYNAMICS CORP	COM	369550108	42,559	321,659	SH	DFND	1 3 4	321,659	0	0
GENERAL DYNAMICS CORP	COM	369550108	1,022	7,722	SH	DFND	1 4	7,722	0	0
GENERAL ELECTRIC CO	COM	369604103	93,882	11,823,935	SH	DFND	1 3 4	11,823,935	0	0
GENERAL ELECTRIC CO	COM	369604103	1,331	167,636	SH	DFND	1 4	167,636	0	0
GENERAL MLS INC	COM	370334104	43,817	830,336	SH	DFND	1 3 4	830,336	0	0
GENERAL MLS INC	COM	370334104	968	18,348	SH	DFND	1 4	18,348	0	0
GENERAL MTRS CO	COM	37045V100	500	24,075	SH	DFND	1 4	24,075	0	0
GENERAL MTRS CO	COM	37045V100	35,347	1,701,032	SH	DFND	1 3 4	1,701,032	0	0
GENESCO INC	COM	371532102	1,442	108,101	SH	DFND	1 3 4	108,101	0	0
GENESIS HEALTHCARE INC	CL A COM	37185X106	14	16,117	SH	DFND	1 4	16,117	0	0
GENPACT LIMITED	SHS	G3922B107	767	26,274	SH	DFND	1 4	26,274	0	0
GENTEX CORP	COM	371901109	18,321	826,778	SH	DFND	1 3 4	826,778	0	0
GENTEX CORP	COM	371901109	469	21,142	SH	DFND	1 4	21,142	0	0
GENTHERM INC	COM	37253A103	7,800	248,409	SH	DFND	1 3 4	248,409	0	0
GENUINE PARTS CO	COM	372460105	13,255	196,862	SH	DFND	1 3 4	196,862	0	0
GENUINE PARTS CO	COM	372460105	1,029	15,276	SH	DFND	1 4	15,276	0	0
GENWORTH FINL INC	COM CL A	37247D106	4,952	1,491,427	SH	DFND	1 3 4	1,491,427	0	0
GENWORTH FINL INC	COM CL A	37247D106	189	56,809	SH	DFND	1 4	56,809	0	0
GEO GROUP INC NEW	COM	36162J106	4,359	358,444	SH	DFND	1 3 4	358,444	0	0
GEO GROUP INC NEW	COM	36162J106	140	11,488	SH	DFND	1 4	11,488	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	662	103,413	SH	DFND	1 3 4	103,413	0	0
GERON CORP	COM	374163103	25	20,920	SH	DFND	1 4	20,920	0	0

GETTY RLTY CORP NEW	COM	374297109	6,167	259,791	SH	DFND	1 3 4	259,791	0	0
GIBRALTAR INDS INC	COM	374689107	11,368	264,854	SH	DFND	1 3 4	264,854	0	0
GILEAD SCIENCES INC	COM	375558103	128,824	1,723,166	SH	DFND	1 3 4	1,723,166	0	0
GILEAD SCIENCES INC	COM	375558103	3,177	42,501	SH	DFND	1 4	42,501	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	22,144	651,211	SH	DFND	1 3 4	651,211	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	240	7,056	SH	DFND	1 4	7,056	0	0
GLADSTONE COMMERCIAL CORP	COM	376536108	325	22,647	SH	DFND	1 3 4	22,647	0	0
GLATFELTER	COM	377316104	7,072	578,762	SH	DFND	1 3 4	578,762	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	466	9,117	SH	DFND	1 3 4	9,117	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	376	7,353	SH	DFND	1 4	7,353	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	9,074	678,702	SH	DFND	1 3 4	678,702	0	0
GLOBAL PMTS INC	COM	37940X102	59,206	410,490	SH	DFND	1 3 4	410,490	0	0
GLOBAL PMTS INC	COM	37940X102	4,120	28,564	SH	DFND	1 4	28,564	0	0
GLOBALSCAPE INC	COM	37940G109	83	11,600	SH	DFND	1 3 4	11,600	0	0
GLOBE LIFE INC	COM	37959E102	9,730	135,209	SH	DFND	1 3 4	135,209	0	0
GLOBE LIFE INC	COM	37959E102	855	11,883	SH	DFND	1 4	11,883	0	0
GLOBUS MED INC	CL A	379577208	9,780	229,947	SH	DFND	1 3 4	229,947	0	0
GLOBUS MED INC	CL A	379577208	466	10,964	SH	DFND	1 4	10,964	0	0
GLU MOBILE INC	COM	379890106	5,496	873,785	SH	DFND	1 3 4	873,785	0	0
GLU MOBILE INC	COM	379890106	109	17,408	SH	DFND	1 4	17,408	0	0
GMS INC	COM	36251C103	5,466	347,494	SH	DFND	1 3 4	347,494	0	0
GNC HLDGS INC	COM CL A	36191G107	5	10,040	SH	DFND	1 4	10,040	0	0
GODADDY INC	CL A	380237107	1,137	19,911	SH	DFND	1 4	19,911	0	0
GOLDEN ENTMT INC	COM	381013101	2,774	419,646	SH	DFND	1 3 4	419,646	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	67,271	435,160	SH	DFND	1 3 4	435,160	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	1,583	10,240	SH	DFND	1 4	10,240	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	5,719	982,583	SH	DFND	1 3 4	982,583	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	107	18,400	SH	DFND	1 4	18,400	0	0
GORMAN RUPP CO	COM	383082104	528	16,931	SH	DFND	1 3 4	16,931	0	0
GOSSAMER BIO INC	COM	38341P102	103	10,180	SH	DFND	1 3 4	10,180	0	0
GRACE W R & CO DEL NEW	COM	38388F108	251	7,049	SH	DFND	1 4	7,049	0	0
GRACO INC	COM	384109104	24,340	499,490	SH	DFND	1 3 4	499,490	0	0
GRACO INC	COM	384109104	981	20,128	SH	DFND	1 4	20,128	0	0
GRAFTECH INTL LTD	COM	384313508	1,105	136,053	SH	DFND	1 3 4	136,053	0	0
GRAHAM HLDGS CO	COM CL B	384637104	4,389	12,866	SH	DFND	1 3 4	12,866	0	0
GRAINGER W W INC	COM	384802104	14,669	59,032	SH	DFND	1 3 4	59,032	0	0
GRAINGER W W INC	COM	384802104	1,383	5,566	SH	DFND	1 4	5,566	0	0
GRAND CANYON ED INC	COM	38526M106	10,873	142,528	SH	DFND	1 3 4	142,528	0	0
GRAND CANYON ED INC	COM	38526M106	252	3,306	SH	DFND	1 4	3,306	0	0
GRANITE CONSTR INC	COM	387328107	5,383	354,614	SH	DFND	1 3 4	354,614	0	0
GRANITE PT MTG TR INC	COM	38741L107	2,621	516,948	SH	DFND	1 3 4	516,948	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	13,692	1,122,260	SH	DFND	1 3 4	1,122,260	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	368	30,194	SH	DFND	1 4	30,194	0	0
GRAY TELEVISION INC	COM	389375106	156	14,485	SH	DFND	1 4	14,485	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	8,916	1,074,236	SH	DFND	1 3 4	1,074,236	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	84	10,070	SH	DFND	1 4	10,070	0	0
GREAT WESTN BANCORP INC	COM	391416104	8,758	427,657	SH	DFND	1 3 4	427,657	0	0

GREEN DOT CORP	CL A	39304D102	9,116	359,053	SH	DFND	1 3 4	359,053	0	0
GREEN PLAINS INC	COM	393222104	1,245	256,600	SH	DFND	1 3 4	256,600	0	0
GREENBRIER COS INC	COM	393657101	4,387	247,297	SH	DFND	1 3 4	247,297	0	0
GREENHILL & CO INC	COM	395259104	1,250	127,034	SH	DFND	1 3 4	127,034	0	0
GREIF INC	CL A	397624107	2,434	78,299	SH	DFND	1 3 4	78,299	0	0
GRIFFON CORP	COM	398433102	4,088	323,146	SH	DFND	1 3 4	323,146	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	6,171	139,431	SH	DFND	1 3 4	139,431	0	0
GRUBHUB INC	COM	400110102	11,009	270,284	SH	DFND	1 3 4	270,284	0	0
GTT COMMUNICATIONS INC	COM	362393100	263	33,054	SH	DFND	1 3 4	33,054	0	0
GUARDANT HEALTH INC	COM	40131M109	994	14,282	SH	DFND	1 3 4	14,282	0	0
GUESS INC	COM	401617105	2,191	323,692	SH	DFND	1 3 4	323,692	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	806	10,160	SH	DFND	1 4	10,160	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	154,171	1,943,913	SH	DFND	1 3 4	1,943,913	0	0
GULFPORT ENERGY CORP	COM NEW	402635304	549	1,233,852	SH	DFND	1 3 4	1,233,852	0	0
HACKETT GROUP INC	COM	404609109	145	11,408	SH	DFND	1 3 4	11,408	0	0
HAEMONETICS CORP	COM	405024100	15,034	150,854	SH	DFND	1 3 4	150,854	0	0
HAEMONETICS CORP	COM	405024100	697	6,996	SH	DFND	1 4	6,996	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	6,166	237,442	SH	DFND	1 3 4	237,442	0	0
HALLIBURTON CO	COM	406216101	9,461	1,381,155	SH	DFND	1 3 4	1,381,155	0	0
HALLIBURTON CO	COM	406216101	723	105,484	SH	DFND	1 4	105,484	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	406	22,559	SH	DFND	1 3 4	22,559	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	307	17,082	SH	DFND	1 4	17,082	0	0
HAMILTON LANE INC	CL A	407497106	12,110	218,950	SH	DFND	1 3 4	218,950	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	5,049	258,642	SH	DFND	1 3 4	258,642	0	0
HANESBRANDS INC	COM	410345102	4,880	620,069	SH	DFND	1 3 4	620,069	0	0
HANESBRANDS INC	COM	410345102	388	49,359	SH	DFND	1 4	49,359	0	0
HANGER INC	COM NEW	41043F208	4,415	283,389	SH	DFND	1 3 4	283,389	0	0
HANMI FINL CORP	COM NEW	410495204	2,765	254,860	SH	DFND	1 3 4	254,860	0	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	707	34,636	SH	DFND	1 3 4	34,636	0	0
HANOVER INS GROUP INC	COM	410867105	27,269	301,055	SH	DFND	1 3 4	301,055	0	0
HANOVER INS GROUP INC	COM	410867105	370	4,080	SH	DFND	1 4	4,080	0	0
HARLEY DAVIDSON INC	COM	412822108	4,269	225,490	SH	DFND	1 3 4	225,490	0	0
HARLEY DAVIDSON INC	COM	412822108	297	15,711	SH	DFND	1 4	15,711	0	0
HARMONIC INC	COM	413160102	4,189	727,295	SH	DFND	1 3 4	727,295	0	0
HARSCO CORP	COM	415864107	4,157	596,387	SH	DFND	1 3 4	596,387	0	0
HARSCO CORP	COM	415864107	72	10,342	SH	DFND	1 4	10,342	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	18,008	511,021	SH	DFND	1 3 4	511,021	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	1,665	47,253	SH	DFND	1 4	47,253	0	0
HASBRO INC	COM	418056107	1,194	16,686	SH	DFND	1 4	16,686	0	0
HASBRO INC	COM	418056107	273,741	3,825,879	SH	DFND	1 3 4	3,813,265	0	12,614
HAVERTY FURNITURE INC	COM	419596101	1,683	141,557	SH	DFND	1 3 4	141,557	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	13,945	323,925	SH	DFND	1 3 4	323,925	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	484	11,237	SH	DFND	1 4	11,237	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	3,704	354,850	SH	DFND	1 3 4	354,850	0	0
HAWKINS INC	COM	420261109	2,654	74,544	SH	DFND	1 3 4	74,544	0	0
HAYNES	COM NEW	420877201	1,957	94,939	SH	DFND	1 3 4	94,939	0	0



INTERNATIONAL INC										
HCA HEALTHCARE INC	COM	40412C101	143,609	1,598,314	SH	DFND	1 3 4	1,595,465	0	2,849
HCA HEALTHCARE INC	COM	40412C101	2,634	29,315	SH	DFND	1 4	29,315	0	0
HCI GROUP INC	COM	40416E103	1,959	48,665	SH	DFND	1 3 4	48,665	0	0
HD SUPPLY HLDGS INC	COM	40416M105	563	19,820	SH	DFND	1 4	19,820	0	0
HDFC BANK LTD	SPONSORED ADS	40415F101	46,826	1,217,526	SH	DFND	1 3 4	1,192,481	0	25,045
HEALTHCARE RLTY TR	COM	421946104	16,196	579,874	SH	DFND	1 3 4	579,874	0	0
HEALTHCARE RLTY TR	COM	421946104	291	10,418	SH	DFND	1 4	10,418	0	0
HEALTHCARE RLTY TR	COM	421946104	116,334	4,165,262	SH	DFND	2 3 4	4,165,262	0	0
HEALTHCARE SVCS GROUP INC	COM	421906108	6,223	260,257	SH	DFND	1 3 4	260,257	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	14,348	590,950	SH	DFND	1 3 4	590,950	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	430	17,729	SH	DFND	1 4	17,729	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	349,697	14,403,083	SH	DFND	2 3 4	14,403,083	0	0
HEALTHEQUITY INC	COM	42226A107	10,618	209,875	SH	DFND	1 3 4	209,875	0	0
HEALTHEQUITY INC	COM	42226A107	505	9,988	SH	DFND	1 4	9,988	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	24,102	1,010,547	SH	DFND	1 3 4	1,010,547	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	901	37,778	SH	DFND	1 4	37,778	0	0
HEALTHPEAK PROPERTIES INC	COM	42250P103	195,911	8,214,524	SH	DFND	2 3 4	8,214,524	0	0
HEALTHSTREAM INC	COM	42222N103	5,111	213,392	SH	DFND	1 3 4	213,392	0	0
HEARTLAND EXPRESS INC	COM	422347104	6,587	354,692	SH	DFND	1 3 4	354,692	0	0
HECLA MNG CO	COM	422704106	72	39,605	SH	DFND	1 4	39,605	0	0
HEICO CORP NEW	COM	422806109	426	5,705	SH	DFND	1 4	5,705	0	0
HEICO CORP NEW	CL A	422806208	66,691	1,043,688	SH	DFND	1 3 4	1,043,688	0	0
HEICO CORP NEW	CL A	422806208	644	10,082	SH	DFND	1 4	10,082	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	3,510	156,020	SH	DFND	1 3 4	156,020	0	0
HELEN OF TROY CORP LTD	COM	G4388N106	10,747	74,619	SH	DFND	1 3 4	74,619	0	0
HELEN OF TROY CORP LTD	COM	G4388N106	493	3,426	SH	DFND	1 4	3,426	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	1,761	1,073,981	SH	DFND	1 3 4	1,073,981	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	25	15,221	SH	DFND	1 4	15,221	0	0
HELMERICH & PAYNE INC	COM	423452101	5,716	365,223	SH	DFND	1 3 4	361,988	0	3,235
HELMERICH & PAYNE INC	COM	423452101	170	10,868	SH	DFND	1 4	10,868	0	0
HENRY JACK & ASSOC INC	COM	426281101	16,293	104,953	SH	DFND	1 3 4	104,953	0	0
HENRY JACK & ASSOC INC	COM	426281101	1,630	10,497	SH	DFND	1 4	10,497	0	0
HENRY SCHEIN INC	COM	806407102	10,042	198,776	SH	DFND	1 3 4	198,776	0	0
HENRY SCHEIN INC	COM	806407102	1,039	20,573	SH	DFND	1 4	20,573	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	401	13,746	SH	DFND	1 4	13,746	0	0
HERITAGE FINL CORP WASH	COM	42722X106	5,556	277,816	SH	DFND	1 3 4	277,816	0	0
HERON THERAPEUTICS INC	COM	427746102	142	12,058	SH	DFND	1 3 4	12,058	0	0
HERON THERAPEUTICS INC	COM	427746102	127	10,826	SH	DFND	1 4	10,826	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	975	272,430	SH	DFND	1 3 4	272,430	0	0
HERSHEY CO	COM	427866108	27,186	205,174	SH	DFND	1 3 4	205,174	0	0
HERSHEY CO	COM	427866108	2,228	16,818	SH	DFND	1 4	16,818	0	0
HERTZ GLOBAL HLDGS INC	COM	42806J106	72	11,693	SH	DFND	1 4	11,693	0	0

HESKA CORP	COM RESTRC NEW	42805E306	3,024	54,678	SH	DFND	1 3 4	54,678	0	0
HESS CORP	COM	42809H107	11,668	350,397	SH	DFND	1 3 4	350,397	0	0
HESS CORP	COM	42809H107	675	20,274	SH	DFND	1 4	20,274	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	19,152	1,972,421	SH	DFND	1 3 4	1,972,421	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	1,293	133,190	SH	DFND	1 4	133,190	0	0
HIBBETT SPORTS INC	COM	428567101	1,465	133,937	SH	DFND	1 3 4	133,937	0	0
HIGHPOINT RES CORP	COM	43114K108	157	826,768	SH	DFND	1 3 4	826,768	0	0
HIGHWOODS PPTYS INC	COM	431284108	11,267	318,100	SH	DFND	1 3 4	318,100	0	0
HIGHWOODS PPTYS INC	COM	431284108	386	10,885	SH	DFND	1 4	10,885	0	0
HILL ROM HLDGS INC	COM	431475102	19,928	198,090	SH	DFND	1 3 4	198,090	0	0
HILL ROM HLDGS INC	COM	431475102	811	8,059	SH	DFND	1 4	8,059	0	0
HILLENBRAND INC	COM	431571108	22,793	1,192,690	SH	DFND	1 3 4	1,192,690	0	0
HILLENBRAND INC	COM	431571108	215	11,255	SH	DFND	1 4	11,255	0	0
HILLTOP HOLDINGS INC	COM	432748101	975	64,496	SH	DFND	1 3 4	64,496	0	0
HILTON GRAND VACATIONS INC	COM	43283X105	226	14,356	SH	DFND	1 4	14,356	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	546,615	8,010,193	SH	DFND	1 3 4	8,010,193	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	2,311	33,863	SH	DFND	1 4	33,863	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	71,337	1,045,413	SH	DFND	2 3 4	1,045,413	0	0
HMS HLDGS CORP	COM	40425J101	35,662	1,411,232	SH	DFND	1 3 4	1,411,232	0	0
HMS HLDGS CORP	COM	40425J101	335	13,275	SH	DFND	1 4	13,275	0	0
HNI CORP	COM	404251100	3,216	127,680	SH	DFND	1 3 4	127,680	0	0
HOLLYFRONTIER CORP	COM	436106108	35,154	1,434,358	SH	DFND	1 3 4	1,429,485	0	4,873
HOLLYFRONTIER CORP	COM	436106108	363	14,799	SH	DFND	1 4	14,799	0	0
HOLOGIC INC	COM	436440101	1,162	33,093	SH	DFND	1 4	33,093	0	0
HOLOGIC INC	COM	436440101	12,733	362,770	SH	DFND	1 3 4	362,770	0	0
HOME BANCSHARES INC	COM	436893200	6,262	522,254	SH	DFND	1 3 4	522,254	0	0
HOME BANCSHARES INC	COM	436893200	145	12,119	SH	DFND	1 4	12,119	0	0
HOME DEPOT INC	COM	437076102	330,572	1,770,512	SH	DFND	1 3 4	1,770,512	0	0
HOME DEPOT INC	COM	437076102	12,407	66,449	SH	DFND	1 4	66,449	0	0
HOMESTREET INC	COM	43785V102	4,122	185,444	SH	DFND	1 3 4	185,444	0	0
HONEYWELL INTL INC	COM	438516106	242,876	1,815,356	SH	DFND	1 3 4	1,809,160	0	6,196
HONEYWELL INTL INC	COM	438516106	5,578	41,694	SH	DFND	1 4	41,694	0	0
HOPE BANCORP INC	COM	43940T109	122	14,810	SH	DFND	1 4	14,810	0	0
HOPE BANCORP INC	COM	43940T109	8,329	1,013,287	SH	DFND	1 3 4	1,013,287	0	0
HORACE MANN EDUCATORS CORP N	COM	440327104	11,514	314,674	SH	DFND	1 3 4	314,674	0	0
HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	18,477	623,806	SH	DFND	1 3 4	623,806	0	0
HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	721	24,358	SH	DFND	1 4	24,358	0	0
HORMEL FOODS CORP	COM	440452100	195,270	4,186,749	SH	DFND	1 3 4	4,177,204	0	9,545
HORMEL FOODS CORP	COM	440452100	1,067	22,883	SH	DFND	1 4	22,883	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	16,468	1,491,659	SH	DFND	1 3 4	1,491,659	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	892	80,753	SH	DFND	1 4	80,753	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	1,997	181,121	SH	DFND	2 3 4	181,121	0	0
HOSTESS BRANDS INC	CL A	44109J106	154	14,403	SH	DFND	1 4	14,403	0	0
HOUGHTON MIFFLIN HARCOURT CO	COM	44157R109	21	11,008	SH	DFND	1 4	11,008	0	0
HOULIHAN LOKEY INC	CL A	441593100	290	5,562	SH	DFND	1 4	5,562	0	0
HOULIHAN LOKEY INC	CL A	441593100	1,854	35,565	SH	DFND	1 3 4	35,565	0	0
HOWARD HUGHES CORP	COM	44267D107	129,866	2,570,582	SH	DFND	1 3 4	2,570,582	0	0

HP INC	COM	40434L105	1,060	61,039	SH	DFND	1 4	61,039	0	0
HP INC	COM	40434L105	35,821	2,063,439	SH	DFND	1 3 4	2,063,439	0	0
HUB GROUP INC	CL A	443320106	11,513	253,206	SH	DFND	1 3 4	253,206	0	0
HUBBELL INC	COM	443510607	51,256	446,723	SH	DFND	1 3 4	446,504	0	219
HUBBELL INC	COM	443510607	907	7,901	SH	DFND	1 4	7,901	0	0
HUBSPOT INC	COM	443573100	660	4,955	SH	DFND	1 4	4,955	0	0
HUDSON PAC PPTYS INC	COM	444097109	408	16,105	SH	DFND	1 4	16,105	0	0
HUDSON PAC PPTYS INC	COM	444097109	900	35,501	SH	DFND	2 3 4	35,501	0	0
HUMANA INC	COM	444859102	61,903	197,131	SH	DFND	1 3 4	197,131	0	0
HUMANA INC	COM	444859102	3,605	11,480	SH	DFND	1 4	11,480	0	0
HUNT J B TRANS SVCS INC	COM	445658107	520	5,642	SH	DFND	1 4	5,642	0	0
HUNT J B TRANS SVCS INC	COM	445658107	10,639	115,349	SH	DFND	1 3 4	115,349	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	940	114,529	SH	DFND	1 4	114,529	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	11,593	1,412,097	SH	DFND	1 3 4	1,412,097	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	46,496	255,183	SH	DFND	1 3 4	254,974	0	209
HUNTINGTON INGALLS INDS INC	COM	446413106	929	5,101	SH	DFND	1 4	5,101	0	0
HUNTSMAN CORP	COM	447011107	56,829	3,938,573	SH	DFND	1 3 4	3,935,510	0	3,063
HUNTSMAN CORP	COM	447011107	328	22,712	SH	DFND	1 4	22,712	0	0
HYATT HOTELS CORP	COM CL A	448579102	128,075	2,673,815	SH	DFND	1 3 4	2,673,815	0	0
IAA INC	COM	449253103	6,066	202,469	SH	DFND	1 3 4	198,235	0	4,234
IAC INTERACTIVECORP	COM	44919P508	449	2,503	SH	DFND	1 3 4	2,503	0	0
IAC INTERACTIVECORP	COM	44919P508	1,407	7,849	SH	DFND	1 4	7,849	0	0
IBERIABANK CORP	COM	450828108	214	5,920	SH	DFND	1 4	5,920	0	0
IBERIABANK CORP	COM	450828108	9,677	267,602	SH	DFND	1 3 4	267,602	0	0
ICF INTL INC	COM	44925C103	12,561	182,851	SH	DFND	1 3 4	182,851	0	0
ICHOR HOLDINGS	SHS	G4740B105	3,546	185,055	SH	DFND	1 3 4	185,055	0	0
ICICI BANK LIMITED	ADR	45104G104	41,223	4,849,727	SH	DFND	1 3 4	4,787,446	0	62,281
ICON PLC	SHS	G4705A100	135,251	994,493	SH	DFND	1 3 4	979,626	0	14,867
ICU MED INC	COM	44930G107	11,473	56,860	SH	DFND	1 3 4	56,860	0	0
ICU MED INC	COM	44930G107	395	1,958	SH	DFND	1 4	1,958	0	0
IDACORP INC	COM	451107106	28,180	320,995	SH	DFND	1 3 4	320,867	0	128
IDACORP INC	COM	451107106	453	5,164	SH	DFND	1 4	5,164	0	0
IDEANOMICS INC	COM	45166V106	15	10,858	SH	DFND	1 4	10,858	0	0
IDEX CORP	COM	45167R104	24,991	180,947	SH	DFND	1 3 4	180,947	0	0
IDEX CORP	COM	45167R104	1,420	10,279	SH	DFND	1 4	10,279	0	0
IDEXX LABS INC	COM	45168D104	299,079	1,234,635	SH	DFND	1 3 4	1,234,635	0	0
IDEXX LABS INC	COM	45168D104	2,271	9,375	SH	DFND	1 4	9,375	0	0
IHS MARKIT LTD	SHS	G47567105	382,862	6,381,019	SH	DFND	1 3 4	6,381,019	0	0
IHS MARKIT LTD	SHS	G47567105	2,672	44,526	SH	DFND	1 4	44,526	0	0
II VI INC	COM	902104108	7,346	257,769	SH	DFND	1 3 4	257,769	0	0
II VI INC	COM	902104108	233	8,179	SH	DFND	1 4	8,179	0	0
ILLINOIS TOOL WKS INC	COM	452308109	56,785	399,558	SH	DFND	1 3 4	399,558	0	0
ILLINOIS TOOL WKS INC	COM	452308109	4,104	28,877	SH	DFND	1 4	28,877	0	0
ILLUMINA INC	COM	452327109	108,849	398,539	SH	DFND	1 3 4	398,539	0	0
ILLUMINA INC	COM	452327109	2,370	8,677	SH	DFND	1 4	8,677	0	0
IMMERSION CORP	COM	452521107	141	26,357	SH	DFND	1 3 4	26,357	0	0
IMMUNOGEN INC	COM	45253H101	62	18,273	SH	DFND	1 4	18,273	0	0
IMMUNOGEN INC	COM	45253H101	79	23,235	SH	DFND	1 3 4	23,235	0	0
IMMUNOMEDICS INC	COM	452907108	399	29,595	SH	DFND	1 3 4	29,595	0	0
IMMUNOMEDICS INC	COM	452907108	319	23,658	SH	DFND	1 4	23,658	0	0
INCYTE CORP	COM	45337C102	17,712	241,867	SH	DFND	1 3 4	241,867	0	0
INCYTE CORP	COM	45337C102	1,495	20,415	SH	DFND	1 4	20,415	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	6,173	690,529	SH	DFND	1 3 4	690,529	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	103	11,562	SH	DFND	1 4	11,562	0	0

INDEPENDENCE RLTY TR INC	COM	45378A106	13,759	1,538,987	SH	DFND	2 3 4	1,538,987	0	0
INDEPENDENT BANK CORP MASS	COM	453836108	16,796	260,927	SH	DFND	1 3 4	260,927	0	0
INDEPENDENT BANK CORP MICH	COM NEW	453838609	2,527	196,386	SH	DFND	1 3 4	196,386	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	531	22,442	SH	DFND	1 3 4	22,442	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	8,674	494,514	SH	DFND	1 3 4	494,514	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	13,411	764,600	SH	DFND	2 3 4	764,600	0	0
INFINERA CORP	COM	45667G103	77	14,462	SH	DFND	1 4	14,462	0	0
ING GROEP N.V.	SPONSORED ADR	456837103	191	37,000	SH	DFND	1 3 4	0	0	37,000
INGEVITY CORP	COM	45688C107	4,359	123,841	SH	DFND	1 3 4	123,841	0	0
INGEVITY CORP	COM	45688C107	210	5,956	SH	DFND	1 4	5,956	0	0
INGREDION INC	COM	457187102	87,424	1,157,927	SH	DFND	1 3 4	1,157,192	0	735
INGREDION INC	COM	457187102	647	8,564	SH	DFND	1 4	8,564	0	0
INNOSPEC INC	COM	45768S105	13,826	198,971	SH	DFND	1 3 4	198,971	0	0
INNOSPEC INC	COM	45768S105	219	3,146	SH	DFND	1 4	3,146	0	0
INNOVATIVE INDL PPTYS INC	COM	45781V101	9,821	129,348	SH	DFND	1 3 4	129,348	0	0
INNOVIVA INC	COM	45781M101	6,431	546,851	SH	DFND	1 3 4	546,851	0	0
INOGEN INC	COM	45780L104	7,156	138,523	SH	DFND	1 3 4	138,523	0	0
INOVALON HLDGS INC	COM CL A	45781D101	212	12,742	SH	DFND	1 4	12,742	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	89	11,944	SH	DFND	1 4	11,944	0	0
INPHI CORP	COM	45772F107	343	4,333	SH	DFND	1 4	4,333	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	245	5,819	SH	DFND	1 4	5,819	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	12,447	295,442	SH	DFND	1 3 4	295,442	0	0
INSMED INC	COM PAR \$.01	457669307	4,914	306,519	SH	DFND	1 3 4	306,519	0	0
INSMED INC	COM PAR \$.01	457669307	181	11,308	SH	DFND	1 4	11,308	0	0
INSPERITY INC	COM	45778Q107	4,145	111,121	SH	DFND	1 3 4	111,121	0	0
INSPERITY INC	COM	45778Q107	221	5,919	SH	DFND	1 4	5,919	0	0
INSPIRE MED SYS INC	COM	457730109	1,870	31,016	SH	DFND	1 3 4	31,016	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	6,950	174,316	SH	DFND	1 3 4	174,316	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	1,839	138,821	SH	DFND	1 3 4	138,821	0	0
INSULET CORP	COM	45784P101	265	1,602	SH	DFND	1 4	1,602	0	0
INSULET CORP	COM	45784P101	587	3,546	SH	DFND	1 3 4	3,546	0	0
INTEGER HLDGS CORP	COM	45826H109	329	5,228	SH	DFND	1 4	5,228	0	0
INTEGER HLDGS CORP	COM	45826H109	15,646	248,906	SH	DFND	1 3 4	248,906	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	9,422	210,934	SH	DFND	1 3 4	210,934	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	321	7,194	SH	DFND	1 4	7,194	0	0
INTEL CORP	COM	458140100	356,190	6,581,481	SH	DFND	1 3 4	6,581,481	0	0
INTEL CORP	COM	458140100	6,260	115,664	SH	DFND	1 4	115,664	0	0
INTER PARFUMS INC	COM	458334109	13,797	297,688	SH	DFND	1 3 4	297,566	0	122
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	9,792	226,832	SH	DFND	1 3 4	226,832	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	318	5,043	SH	DFND	1 3 4	5,043	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	203	3,232	SH	DFND	1 4	3,232	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	1,560	19,319	SH	DFND	1 4	19,319	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	60,931	754,557	SH	DFND	1 3 4	754,557	0	0
INTERDIGITAL INC	COM	45867G101	5,352	119,910	SH	DFND	1 3 4	119,910	0	0
INTERDIGITAL INC	COM	45867G101	216	4,833	SH	DFND	1 4	4,833	0	0

INTERFACE INC	COM	458665304	3,436	454,511	SH	DFND	1 3 4	454,511	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	4,572	170,105	SH	DFND	1 3 4	170,105	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	155,708	1,403,656	SH	DFND	1 3 4	1,403,656	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	9,066	81,730	SH	DFND	1 4	81,730	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	14,759	144,584	SH	DFND	1 3 4	144,584	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	890	8,714	SH	DFND	1 4	8,714	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	68	11,493	SH	DFND	1 4	11,493	0	0
INTERNATIONAL SEAWAYS INC	COM	Y41053102	1,713	71,685	SH	DFND	1 3 4	71,685	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	813	50,239	SH	DFND	1 4	50,239	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	45,918	2,836,330	SH	DFND	1 3 4	2,821,140	0	15,190
INTL FCSTONE INC	COM	46116V105	4,487	123,748	SH	DFND	1 3 4	123,748	0	0
INTL PAPER CO	COM	460146103	20,679	664,282	SH	DFND	1 3 4	664,282	0	0
INTL PAPER CO	COM	460146103	1,313	42,182	SH	DFND	1 4	42,182	0	0
INTUIT	COM	461202103	320,328	1,392,728	SH	DFND	1 3 4	1,392,728	0	0
INTUIT	COM	461202103	3,385	14,717	SH	DFND	1 4	14,717	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	77,475	156,449	SH	DFND	1 3 4	156,449	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	3,354	6,772	SH	DFND	1 4	6,772	0	0
INVACARE CORP	COM	461203101	1,982	266,806	SH	DFND	1 3 4	266,806	0	0
INVESCO EXCHANGE TRADED FD T	WATER RES ETF	46137V142	422	13,465	SH	SOLE		0	0	13,465
INVESCO EXCHANGE TRADED FD T	GBL LISTED PVT	46137V589	285	35,003	SH	SOLE		0	0	35,003
INVESCO EXCHANGE-TRADED FD T	S&P GBL WATER	46138E263	2,001	60,342	SH	DFND	1 3 4	60,342	0	0
INVESCO EXCHANGE-TRADED FD T	TREAS COLATERL	46138G888	1,254	11,807	SH	SOLE		0	0	11,807
INVESCO LTD	SHS	G491BT108	4,599	506,490	SH	DFND	1 3 4	506,490	0	0
INVESCO LTD	SHS	G491BT108	362	39,915	SH	DFND	1 4	39,915	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	4,158	1,219,463	SH	DFND	1 3 4	1,219,463	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	62	18,094	SH	DFND	1 4	18,094	0	0
INVESCO QQQ TR	UNIT SER 1	46090E103	14,171	74,428	SH	DFND	1 4	74,428	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	94	11,767	SH	DFND	1 3 4	11,767	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	143	17,880	SH	DFND	1 4	17,880	0	0
INVESTORS REAL ESTATE TR	SH BEN INT	461730509	4,849	88,161	SH	DFND	1 3 4	88,161	0	0
INVITAE CORP	COM	46185L103	1,715	125,460	SH	DFND	1 3 4	125,460	0	0
INVITAE CORP	COM	46185L103	153	11,164	SH	DFND	1 4	11,164	0	0
INVITATION HOMES INC	COM	46187W107	1,326	62,073	SH	DFND	1 4	62,073	0	0
INVITATION HOMES INC	COM	46187W107	546,434	25,570,514	SH	DFND	2 3 4	25,570,514	0	0
INVITATION HOMES INC	COM	46187W107	20,840	975,208	SH	DFND	1 3 4	975,208	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	1,047	22,141	SH	DFND	1 3 4	22,141	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	688	14,561	SH	DFND	1 4	14,561	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	5,276	176,227	SH	DFND	1 3 4	176,227	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	445	14,881	SH	DFND	1 4	14,881	0	0
IPG PHOTONICS CORP	COM	44980X109	5,317	48,210	SH	DFND	1 3 4	48,210	0	0
IPG PHOTONICS CORP	COM	44980X109	371	3,366	SH	DFND	1 4	3,366	0	0

IQVIA HLDGS INC	COM	46266C105	26,338	244,186	SH	DFND	1 3 4	244,186	0	0
IQVIA HLDGS INC	COM	46266C105	1,882	17,447	SH	DFND	1 4	17,447	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,654	20,333	SH	DFND	1 3 4	20,333	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	208	2,553	SH	DFND	1 4	2,553	0	0
IRIDIUM COMMUNICATIONS INC	COM	46269C102	16,435	735,992	SH	DFND	1 3 4	735,992	0	0
IROBOT CORP	COM	462726100	8,772	214,485	SH	DFND	1 3 4	214,485	0	0
IRON MTN INC NEW	COM	46284V101	621	26,104	SH	DFND	1 4	26,104	0	0
IRON MTN INC NEW	COM	46284V101	9,481	398,357	SH	DFND	1 3 4	398,357	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	238	23,612	SH	DFND	1 3 4	23,612	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	200	19,844	SH	DFND	1 4	19,844	0	0
ISHARES INC	MIN VOL EMRG MKT	464286533	827	17,621	SH	SOLE		0	0	17,621
ISHARES TR	CORE S&P TTL STK	464287150	316	5,520	SH	SOLE		0	0	5,520
ISHARES TR	CORE S&P500 ETF	464287200	19,893	76,986	SH	DFND	1 3 4	76,986	0	0
ISHARES TR	CORE S&P500 ETF	464287200	828	3,202	SH	SOLE		0	0	3,202
ISHARES TR	CORE US AGGBD ET	464287226	1,057	9,164	SH	DFND	1 3 4	9,164	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	135,737	1,099,000	SH	DFND	1 3 4	1,099,000	0	0
ISHARES TR	20 YR TR BD ETF	464287432	627	3,803	SH	SOLE		0	0	3,803
ISHARES TR	1 3 YR TREAS BD	464287457	213	2,458	SH	SOLE		0	0	2,458
ISHARES TR	MSCI EAFE ETF	464287465	30,745	575,100	SH	DFND	1 3 4	575,100	0	0
ISHARES TR	RUS MD CP GR ETF	464287481	287	2,360	SH	DFND	1 3 4	2,360	0	0
ISHARES TR	RUS MID CAP ETF	464287499	3,862	89,456	SH	DFND	1 3 4	89,456	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	6,446	44,807	SH	DFND	1 3 4	44,807	0	0
ISHARES TR	COHEN STEER REIT	464287564	800	8,734	SH	DFND	2 3 4	8,734	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	3,772	25,035	SH	DFND	1 3 4	25,035	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	20,903	254,824	SH	DFND	1 3 4	254,824	0	0
ISHARES TR	U.S. REAL ES ETF	464287739	4,807	69,094	SH	DFND	1 3 4	69,094	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	11,145	198,640	SH	DFND	1 3 4	198,640	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	804	14,336	SH	SOLE		0	0	14,336
ISHARES TR	SHRT NAT MUN ETF	464288158	8,642	81,302	SH	DFND	1 3 4	81,302	0	0
ISHARES TR	CALIF MUN BD ETF	464288356	2,425	40,072	SH	DFND	1 3 4	40,072	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	3,345	29,600	SH	DFND	1 3 4	29,600	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	1,690	14,953	SH	SOLE		0	0	14,953
ISHARES TR	IBOXX HI YD ETF	464288513	303	3,926	SH	SOLE		0	0	3,926
ISHARES TR	MBS ETF	464288588	192,032	1,738,789	SH	DFND	1 3 4	1,738,789	0	0
ISHARES TR	MBS ETF	464288588	276	2,500	SH	SOLE		0	0	2,500
ISHARES TR	US AER DEF ETF	464288760	423	2,942	SH	SOLE		0	0	2,942
ISHARES TR	EAFE VALUE ETF	464288877	257	7,196	SH	SOLE		0	0	7,196

ISHARES TR	US TREAS BD ETF	46429B267	817	29,168	SH	SOLE		0	0	29,168
ISHARES TR	FLTG RATE NT ETF	46429B655	241	4,949	SH	SOLE		0	0	4,949
ISHARES TR	MIN VOL EAFE ETF	46429B689	237	3,820	SH	SOLE		0	0	3,820
ISHARES TR	MSCI MIN VOL ETF	46429B697	1,242	22,995	SH	SOLE		0	0	22,995
ISHARES TR	USA QUALITY FCTR	46432F339	245	3,017	SH	SOLE		0	0	3,017
ISHARES TR	CORE MSCI EAFE	46432F842	374	7,503	SH	SOLE		0	0	7,503
ISHARES TR	0-5YR HI YL CP	46434V407	348	8,526	SH	SOLE		0	0	8,526
ISHARES TR	ESG MSCI USA ETF	46435G425	238	4,137	SH	SOLE		0	0	4,137
ISHARES U S ETF TR	SHT MAT BD ETF	46431W507	277	5,716	SH	SOLE		0	0	5,716
ISTAR INC	COM	45031U101	7,184	677,128	SH	DFND	1 3 4	677,128	0	0
ISTAR INC	COM	45031U101	108	10,175	SH	DFND	1 4	10,175	0	0
ITRON INC	COM	465741106	14,916	267,175	SH	DFND	1 3 4	267,175	0	0
ITRON INC	COM	465741106	288	5,160	SH	DFND	1 4	5,160	0	0
ITT INC	COM	45073V108	12,002	264,599	SH	DFND	1 3 4	264,599	0	0
ITT INC	COM	45073V108	415	9,147	SH	DFND	1 4	9,147	0	0
J & J SNACK FOODS CORP	COM	466032109	258	2,133	SH	DFND	1 4	2,133	0	0
J & J SNACK FOODS CORP	COM	466032109	14,223	117,549	SH	DFND	1 3 4	117,549	0	0
J2 GLOBAL INC	COM	48123V102	10,356	138,355	SH	DFND	1 3 4	138,355	0	0
J2 GLOBAL INC	COM	48123V102	502	6,710	SH	DFND	1 4	6,710	0	0
JABIL INC	COM	466313103	10,170	413,736	SH	DFND	1 3 4	413,736	0	0
JABIL INC	COM	466313103	515	20,941	SH	DFND	1 4	20,941	0	0
JACK IN THE BOX INC	COM	466367109	2,929	83,575	SH	DFND	1 3 4	83,575	0	0
JACOBS ENGR GROUP INC	COM	469814107	14,557	183,632	SH	DFND	1 3 4	183,632	0	0
JACOBS ENGR GROUP INC	COM	469814107	849	10,712	SH	DFND	1 4	10,712	0	0
JAMES HARDIE INDS PLC	SPONSORED ADR	47030M106	240	20,000	SH	DFND	1 3 4	0	0	20,000
JAMES RIV GROUP LTD	COM	G5005R107	80,212	2,213,433	SH	DFND	1 3 4	2,211,961	0	1,472
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	7,059	460,756	SH	DFND	1 3 4	460,756	0	0
JANUS HENDERSON GROUP PLC	ORD SHS	G4474Y214	266	17,379	SH	DFND	1 4	17,379	0	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	862	8,643	SH	DFND	1 4	8,643	0	0
JBG SMITH PPTYS	COM	46590V100	11,104	348,853	SH	DFND	1 3 4	348,853	0	0
JD COM INC	SPON ADR CL A	47215P106	55,780	1,377,278	SH	DFND	1 3 4	1,377,278	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	10,188	745,303	SH	DFND	1 3 4	745,303	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	370	27,048	SH	DFND	1 4	27,048	0	0
JELD-WEN HLDG INC	COM	47580P103	2,823	290,100	SH	DFND	1 3 4	290,100	0	0
JELD-WEN HLDG INC	COM	47580P103	101	10,386	SH	DFND	1 4	10,386	0	0
JETBLUE AWYS CORP	COM	477143101	7,650	854,724	SH	DFND	1 3 4	854,724	0	0
JETBLUE AWYS CORP	COM	477143101	266	29,718	SH	DFND	1 4	29,718	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	17,852	240,360	SH	DFND	1 3 4	240,360	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	224	3,018	SH	DFND	1 4	3,018	0	0
JOHNSON & JOHNSON	COM	478160104	549,472	4,190,282	SH	DFND	1 3 4	4,190,282	0	0
JOHNSON & JOHNSON	COM	478160104	13,392	102,127	SH	DFND	1 4	102,127	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	28,155	1,044,320	SH	DFND	1 3 4	1,044,320	0	0

JOHNSON CTLS INTL PLC	SHS	G51502105	613	22,741	SH	DFND	1 4	22,741	0	0
JOINT CORP	COM	47973J102	118	10,845	SH	DFND	1 3 4	10,845	0	0
JONES LANG LASALLE INC	COM	48020Q107	15,411	152,616	SH	DFND	1 3 4	152,616	0	0
JONES LANG LASALLE INC	COM	48020Q107	717	7,102	SH	DFND	1 4	7,102	0	0
JOYY INC	ADS REPSTG COM A	46591M109	809	15,187	SH	DFND	1 3 4	15,187	0	0
JPMORGAN CHASE & CO	COM	46625H100	654,713	7,272,163	SH	DFND	1 3 4	7,257,952	0	14,211
JPMORGAN CHASE & CO	COM	46625H100	5,432	60,332	SH	DFND	1 4	60,332	0	0
JUNIPER NETWORKS INC	COM	48203R104	8,722	455,707	SH	DFND	1 3 4	455,707	0	0
JUNIPER NETWORKS INC	COM	48203R104	755	39,427	SH	DFND	1 4	39,427	0	0
K12 INC	COM	48273U102	10,899	577,864	SH	DFND	1 3 4	577,864	0	0
KADANT INC	COM	48282T104	348	4,662	SH	DFND	1 3 4	4,662	0	0
KADMON HLDGS INC	COM	48283N106	85	20,207	SH	DFND	1 4	20,207	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	9,162	132,244	SH	DFND	1 3 4	132,244	0	0
KAMAN CORP	COM	483548103	8,132	211,381	SH	DFND	1 3 4	211,381	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	20,325	159,818	SH	DFND	1 3 4	159,818	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	1,382	10,864	SH	DFND	1 4	10,864	0	0
KAR AUCTION SVCS INC	COM	48238T109	5,867	488,942	SH	DFND	1 3 4	488,942	0	0
KB HOME	COM	48666K109	4,638	256,259	SH	DFND	1 3 4	256,259	0	0
KB HOME	COM	48666K109	233	12,887	SH	DFND	1 4	12,887	0	0
KBR INC	COM	48242W106	8,767	423,935	SH	DFND	1 3 4	423,935	0	0
KBR INC	COM	48242W106	328	15,838	SH	DFND	1 4	15,838	0	0
KELLOGG CO	COM	487836108	20,513	341,935	SH	DFND	1 3 4	341,935	0	0
KELLOGG CO	COM	487836108	1,466	24,439	SH	DFND	1 4	24,439	0	0
KELLY SVCS INC	CL A	488152208	3,195	251,776	SH	DFND	1 3 4	251,776	0	0
KEMET CORP	COM NEW	488360207	10,663	441,337	SH	DFND	1 3 4	441,337	0	0
KEMPER CORP DEL	COM	488401100	436	5,869	SH	DFND	1 4	5,869	0	0
KEMPER CORP DEL	COM	488401100	30,637	411,951	SH	DFND	1 3 4	411,951	0	0
KENNAMETAL INC	COM	489170100	4,560	244,889	SH	DFND	1 3 4	244,889	0	0
KENNEDY-WILSON HLDGS INC	COM	489398107	94,913	7,072,554	SH	DFND	1 3 4	7,072,554	0	0
KENNEDY-WILSON HLDGS INC	COM	489398107	236	17,594	SH	DFND	1 4	17,594	0	0
KEURIG DR PEPPER INC	COM	49271V100	4,960	204,371	SH	DFND	1 3 4	190,978	0	13,393
KEYCORP	COM	493267108	14,885	1,435,413	SH	DFND	1 3 4	1,435,413	0	0
KEYCORP	COM	493267108	1,046	100,821	SH	DFND	1 4	100,821	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	21,966	262,505	SH	DFND	1 3 4	262,505	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	1,760	21,029	SH	DFND	1 4	21,029	0	0
KFORCE INC	COM	493732101	244	9,543	SH	DFND	1 3 4	9,543	0	0
KILROY RLTY CORP	COM	49427F108	27,035	424,421	SH	DFND	1 3 4	424,421	0	0
KILROY RLTY CORP	COM	49427F108	180,928	2,840,347	SH	DFND	2 3 4	2,840,347	0	0
KILROY RLTY CORP	COM	49427F108	766	12,019	SH	DFND	1 4	12,019	0	0
KIMBERLY CLARK CORP	COM	494368103	59,922	468,616	SH	DFND	1 3 4	468,616	0	0
KIMBERLY CLARK CORP	COM	494368103	1,251	9,785	SH	DFND	1 4	9,785	0	0
KIMCO RLTY CORP	COM	49446R109	5,573	576,327	SH	DFND	1 3 4	576,327	0	0
KIMCO RLTY CORP	COM	49446R109	516	53,412	SH	DFND	1 4	53,412	0	0
KINDER MORGAN INC DEL	COM	49456B101	36,734	2,638,923	SH	DFND	1 3 4	2,638,923	0	0
KINDER MORGAN INC DEL	COM	49456B101	735	52,821	SH	DFND	1 4	52,821	0	0
KINSALE CAP GROUP INC	COM	49714P108	17,826	170,534	SH	DFND	1 3 4	170,534	0	0
KINSALE CAP GROUP INC	COM	49714P108	205	1,957	SH	DFND	1 4	1,957	0	0
KIRBY CORP	COM	497266106	13,751	316,340	SH	DFND	1 3 4	313,966	0	2,374



KITE RLTY GROUP TR	COM NEW	49803T300	6,042	637,988	SH	DFND	1 3 4	637,988	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	101	10,648	SH	DFND	1 4	10,648	0	0
KKR & CO INC	CL A	48251W104	537,632	22,907,200	SH	DFND	1 3 4	22,892,615	0	14,585
KKR REAL ESTATE FIN TR INC	COM	48251K100	3,653	243,351	SH	DFND	1 3 4	243,351	0	0
KLA CORPORATION	COM NEW	482480100	31,095	216,330	SH	DFND	1 3 4	216,330	0	0
KLA CORPORATION	COM NEW	482480100	2,781	19,349	SH	DFND	1 4	19,349	0	0
KLX ENERGY SERVICES HOLDNGS I	COM	48253L106	112	159,386	SH	DFND	1 3 4	159,386	0	0
KNIGHT SWIFT TRANSN HLDGS IN	CL A	499049104	11,934	363,855	SH	DFND	1 3 4	363,855	0	0
KNOLL INC	COM NEW	498904200	120	11,596	SH	DFND	1 3 4	11,596	0	0
KNOWLES CORP	COM	49926D109	8,747	653,739	SH	DFND	1 3 4	653,739	0	0
KNOWLES CORP	COM	49926D109	138	10,347	SH	DFND	1 4	10,347	0	0
KOHL'S CORP	COM	500255104	236	16,205	SH	DFND	1 4	16,205	0	0
KOHL'S CORP	COM	500255104	3,802	260,606	SH	DFND	1 3 4	260,606	0	0
KONTOOR BRANDS INC	COM	50050N103	6,791	354,262	SH	DFND	1 3 4	354,262	0	0
KOPPERS HOLDINGS INC	COM	50060P106	2,073	167,604	SH	DFND	1 3 4	167,604	0	0
KORN FERRY	COM NEW	500643200	10,220	420,231	SH	DFND	1 3 4	420,231	0	0
KORN FERRY	COM NEW	500643200	207	8,514	SH	DFND	1 4	8,514	0	0
KOSMOS ENERGY LTD	COM	500688106	462	515,912	SH	DFND	1 3 4	515,912	0	0
KOSMOS ENERGY LTD	COM	500688106	32	36,095	SH	DFND	1 4	36,095	0	0
KRAFT HEINZ CO	COM	500754106	20,870	843,574	SH	DFND	1 3 4	843,574	0	0
KRAFT HEINZ CO	COM	500754106	548	22,144	SH	DFND	1 4	22,144	0	0
KRATON CORPORATION	COM	50077C106	1,948	240,531	SH	DFND	1 3 4	240,531	0	0
KROGER CO	COM	501044101	34,024	1,129,627	SH	DFND	1 3 4	1,129,627	0	0
KROGER CO	COM	501044101	2,612	86,735	SH	DFND	1 4	86,735	0	0
KULICKE & SOFFA INDS INC	COM	501242101	57,744	2,766,898	SH	DFND	1 3 4	2,765,229	0	1,669
L BRANDS INC	COM	501797104	3,911	338,352	SH	DFND	1 3 4	338,352	0	0
L BRANDS INC	COM	501797104	249	21,549	SH	DFND	1 4	21,549	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	54,632	303,321	SH	DFND	1 3 4	303,321	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	4,570	25,374	SH	DFND	1 4	25,374	0	0
LA Z BOY INC	COM	505336107	7,623	370,944	SH	DFND	1 3 4	370,944	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	16,617	131,475	SH	DFND	1 3 4	131,475	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	1,388	10,979	SH	DFND	1 4	10,979	0	0
LADDER CAP CORP	CL A	505743104	4,282	903,372	SH	DFND	1 3 4	903,372	0	0
LADDER CAP CORP	CL A	505743104	52	11,035	SH	DFND	1 4	11,035	0	0
LAKELAND BANCORP INC	COM	511637100	2,431	224,894	SH	DFND	1 3 4	224,894	0	0
LAKELAND FINL CORP	COM	511656100	308	8,391	SH	DFND	1 3 4	8,391	0	0
LAM RESEARCH CORP	COM	512807108	69,261	288,588	SH	DFND	1 3 4	287,014	0	1,574
LAM RESEARCH CORP	COM	512807108	3,432	14,298	SH	DFND	1 4	14,298	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	13,076	254,998	SH	DFND	1 3 4	254,998	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	538	10,483	SH	DFND	1 4	10,483	0	0
LAMB WESTON HLDGS INC	COM	513272104	11,616	203,433	SH	DFND	1 3 4	203,433	0	0
LAMB WESTON HLDGS INC	COM	513272104	1,082	18,954	SH	DFND	1 4	18,954	0	0
LANCASTER COLONY CORP	COM	513847103	8,486	58,670	SH	DFND	1 3 4	58,670	0	0
LANCASTER COLONY CORP	COM	513847103	251	1,732	SH	DFND	1 4	1,732	0	0
LANDSTAR SYS INC	COM	515098101	11,510	120,073	SH	DFND	1 3 4	120,073	0	0
LANDSTAR SYS INC	COM	515098101	527	5,499	SH	DFND	1 4	5,499	0	0
LANNET INC	COM	516012101	1,957	281,610	SH	DFND	1 3 4	281,610	0	0
LANTHEUS HLDGS INC	COM	516544103	3,993	312,935	SH	DFND	1 3 4	312,935	0	0

LAREDO PETROLEUM INC	COM	516806106	519	1,367,316	SH	DFND	1 3 4	1,367,316	0	0
LAREDO PETROLEUM INC	COM	516806106	7	18,813	SH	DFND	1 4	18,813	0	0
LAS VEGAS SANDS CORP	COM	517834107	753	17,722	SH	DFND	1 4	17,722	0	0
LAS VEGAS SANDS CORP	COM	517834107	19,541	460,114	SH	DFND	1 3 4	460,114	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,631	91,523	SH	DFND	1 3 4	91,523	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	323	18,142	SH	DFND	1 4	18,142	0	0
LAUDER ESTEE COS INC	CL A	518439104	48,383	303,643	SH	DFND	1 3 4	303,643	0	0
LAUDER ESTEE COS INC	CL A	518439104	2,053	12,884	SH	DFND	1 4	12,884	0	0
LAUREATE EDUCATION INC	CL A	518613203	134	12,753	SH	DFND	1 4	12,753	0	0
LAZARD LTD	SHS A	G54050102	288	12,212	SH	DFND	1 4	12,212	0	0
LCI INDS	COM	50189K103	69,732	1,043,497	SH	DFND	1 3 4	1,042,943	0	554
LCI INDS	COM	50189K103	241	3,603	SH	DFND	1 4	3,603	0	0
LEAR CORP	COM NEW	521865204	13,826	170,163	SH	DFND	1 3 4	170,163	0	0
LEAR CORP	COM NEW	521865204	576	7,087	SH	DFND	1 4	7,087	0	0
LEGG MASON INC	COM	524901105	15,074	308,569	SH	DFND	1 3 4	308,569	0	0
LEGG MASON INC	COM	524901105	426	8,715	SH	DFND	1 4	8,715	0	0
LEGGETT & PLATT INC	COM	524660107	4,750	178,044	SH	DFND	1 3 4	178,044	0	0
LEGGETT & PLATT INC	COM	524660107	367	13,767	SH	DFND	1 4	13,767	0	0
LEIDOS HOLDINGS INC	COM	525327102	95,925	1,046,683	SH	DFND	1 3 4	1,046,070	0	613
LEIDOS HOLDINGS INC	COM	525327102	1,290	14,079	SH	DFND	1 4	14,079	0	0
LEMAITRE VASCULAR INC	COM	525558201	13,158	528,041	SH	DFND	1 3 4	527,720	0	321
LENDINGTREE INC NEW	COM	52603B107	4,159	22,676	SH	DFND	1 3 4	22,676	0	0
LENNAR CORP	CL A	526057104	168,528	4,411,721	SH	DFND	1 3 4	4,411,721	0	0
LENNAR CORP	CL A	526057104	1,401	36,673	SH	DFND	1 4	36,673	0	0
LENNAR CORP	CL B	526057302	1,334	46,127	SH	DFND	1 3 4	46,127	0	0
LENNOX INTL INC	COM	526107107	19,151	105,345	SH	DFND	1 3 4	105,345	0	0
LENNOX INTL INC	COM	526107107	777	4,274	SH	DFND	1 4	4,274	0	0
LEVI STRAUSS & CO NEW	CL A COM STK	52736R102	578	46,510	SH	DFND	1 3 4	46,510	0	0
LEXINFINTECH HLDGS LTD	ADR	528877103	427	48,105	SH	DFND	1 3 4	48,105	0	0
LEXINGTON REALTY TRUST	COM	529043101	20,972	2,111,947	SH	DFND	1 3 4	2,111,947	0	0
LEXINGTON REALTY TRUST	COM	529043101	189	19,008	SH	DFND	1 4	19,008	0	0
LGI HOMES INC	COM	50187T106	7,947	176,019	SH	DFND	1 3 4	176,019	0	0
LHC GROUP INC	COM	50187A107	31,652	225,764	SH	DFND	1 3 4	225,764	0	0
LHC GROUP INC	COM	50187A107	595	4,241	SH	DFND	1 4	4,241	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	100,067	935,235	SH	DFND	1 3 4	935,235	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	270	2,519	SH	DFND	1 4	2,519	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	965	8,720	SH	DFND	1 4	8,720	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	312,268	2,820,354	SH	DFND	1 3 4	2,820,354	0	0
LIBERTY GLOBAL PLC	SHS CL A	G5480U104	14,039	850,314	SH	DFND	1 3 4	850,314	0	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	85,199	5,423,243	SH	DFND	1 3 4	5,423,243	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	45,024	1,420,761	SH	DFND	1 3 4	1,420,761	0	0
LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	531229409	274	8,640	SH	DFND	1 4	8,640	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	134,783	4,262,592	SH	DFND	1 3 4	4,262,592	0	0
LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	531229607	565	17,872	SH	DFND	1 4	17,872	0	0
LIBERTY MEDIA CORP DEL	COM A BRAVES GRP	531229706	3,463	177,614	SH	DFND	1 3 4	177,614	0	0

LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	175,669	6,451,341	SH	DFND	1 3 4	6,451,341	0	0
LIBERTY MEDIA CORP DEL	COM SER C FRMLA	531229854	448	16,447	SH	DFND	1 4	16,447	0	0
LIBERTY MEDIA CORP DEL	COM SER A FRMLA	531229870	17,519	678,514	SH	DFND	1 3 4	678,514	0	0
LIBERTY MEDIA CORP DEL	COM C BRAVES GRP	531229888	13,852	726,750	SH	DFND	1 3 4	726,750	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	21	11,861	SH	DFND	1 4	11,861	0	0
LIFE STORAGE INC	COM	53223X107	13,121	138,772	SH	DFND	1 3 4	138,772	0	0
LIFE STORAGE INC	COM	53223X107	468	4,947	SH	DFND	1 4	4,947	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	3,764	51,755	SH	DFND	1 3 4	51,755	0	0
LILLY ELI & CO	COM	532457108	164,893	1,188,673	SH	DFND	1 3 4	1,188,673	0	0
LILLY ELI & CO	COM	532457108	6,983	50,339	SH	DFND	1 4	50,339	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	77,056	1,116,815	SH	DFND	1 3 4	1,112,113	0	4,702
LINCOLN ELEC HLDGS INC	COM	533900106	557	8,069	SH	DFND	1 4	8,069	0	0
LINCOLN NATL CORP IND	COM	534187109	7,120	270,503	SH	DFND	1 3 4	270,503	0	0
LINCOLN NATL CORP IND	COM	534187109	640	24,334	SH	DFND	1 4	24,334	0	0
LINDBLAD EXPEDITIONS HLDGS I	COM	535219109	1,555	373,037	SH	DFND	1 3 4	373,037	0	0
LINDE PLC	SHS	G5494J103	2,384	13,781	SH	DFND	1 4	13,781	0	0
LINDE PLC	SHS	G5494J103	247,773	1,432,215	SH	DFND	1 3 4	1,432,215	0	0
LINDSAY CORP	COM	535555106	8,469	92,476	SH	DFND	1 3 4	92,476	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	8	10,015	SH	DFND	1 4	10,015	0	0
LIQUIDITY SERVICES INC	COM	53635B107	792	204,240	SH	DFND	1 3 4	204,240	0	0
LITHIA MTRS INC	CL A	536797103	14,672	179,390	SH	DFND	1 3 4	179,390	0	0
LITHIA MTRS INC	CL A	536797103	266	3,252	SH	DFND	1 4	3,252	0	0
LITTELFUSE INC	COM	537008104	100,065	750,047	SH	DFND	1 3 4	747,650	0	2,397
LITTELFUSE INC	COM	537008104	327	2,449	SH	DFND	1 4	2,449	0	0
LIVANOVA PLC	SHS	G5509L101	6,516	143,991	SH	DFND	1 3 4	143,991	0	0
LIVANOVA PLC	SHS	G5509L101	349	7,707	SH	DFND	1 4	7,707	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	184,368	4,055,611	SH	DFND	1 3 4	4,055,611	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	207	4,555	SH	DFND	1 4	4,555	0	0
LIVENT CORP	COM	53814L108	5,815	1,107,534	SH	DFND	1 3 4	1,107,534	0	0
LIVENT CORP	COM	53814L108	61	11,572	SH	DFND	1 4	11,572	0	0
LIVEPERSON INC	COM	538146101	10,626	467,075	SH	DFND	1 3 4	467,075	0	0
LIVERAMP HLDGS INC	COM	53815P108	6,587	200,076	SH	DFND	1 3 4	200,076	0	0
LKQ CORP	COM	501889208	11,957	583,005	SH	DFND	1 3 4	583,005	0	0
LKQ CORP	COM	501889208	844	41,162	SH	DFND	1 4	41,162	0	0
LOCKHEED MARTIN CORP	COM	539830109	115,523	340,826	SH	DFND	1 3 4	340,826	0	0
LOCKHEED MARTIN CORP	COM	539830109	7,211	21,274	SH	DFND	1 4	21,274	0	0
LOEWS CORP	COM	540424108	12,066	346,436	SH	DFND	1 3 4	346,436	0	0
LOEWS CORP	COM	540424108	723	20,763	SH	DFND	1 4	20,763	0	0
LOGMEIN INC	COM	54142L109	12,021	144,343	SH	DFND	1 3 4	144,343	0	0
LOGMEIN INC	COM	54142L109	416	4,992	SH	DFND	1 4	4,992	0	0
LOUISIANA PAC CORP	COM	546347105	184	10,688	SH	DFND	1 4	10,688	0	0
LOUISIANA PAC CORP	COM	546347105	5,984	348,332	SH	DFND	1 3 4	348,332	0	0
LOWES COS INC	COM	548661107	5,990	69,616	SH	DFND	1 4	69,616	0	0
LOWES COS INC	COM	548661107	90,789	1,055,074	SH	DFND	1 3 4	1,055,074	0	0
LPL FINL HLDGS INC	COM	50212V100	8,842	162,441	SH	DFND	1 3 4	162,441	0	0
LPL FINL HLDGS INC	COM	50212V100	511	9,381	SH	DFND	1 4	9,381	0	0
LSB INDS INC	COM	502160104	349	165,952	SH	DFND	1 3 4	165,952	0	0

LTC PPTYS INC	COM	502175102	10,312	333,708	SH	DFND	1 3 4	333,708	0	0
LULULEMON ATHLETICA INC	COM	550021109	18,681	98,554	SH	DFND	1 3 4	95,363	0	3,191
LULULEMON ATHLETICA INC	COM	550021109	2,480	13,083	SH	DFND	1 4	13,083	0	0
LUMBER LIQUIDATORS HLDGS INC	COM	55003T107	1,022	217,815	SH	DFND	1 3 4	217,815	0	0
LUMENTUM HLDGS INC	COM	55024U109	16,816	228,169	SH	DFND	1 3 4	228,169	0	0
LUMENTUM HLDGS INC	COM	55024U109	434	5,891	SH	DFND	1 4	5,891	0	0
LUMINEX CORP DEL	COM	55027E102	9,193	333,929	SH	DFND	1 3 4	333,929	0	0
LYDALL INC DEL	COM	550819106	859	132,941	SH	DFND	1 3 4	132,941	0	0
LYFT INC	CL A COM	55087P104	261	9,715	SH	DFND	1 4	9,715	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	19,760	398,154	SH	DFND	1 3 4	398,154	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	388	7,818	SH	DFND	1 4	7,818	0	0
M & T BK CORP	COM	55261F104	94,568	914,319	SH	DFND	1 3 4	914,319	0	0
M & T BK CORP	COM	55261F104	1,321	12,775	SH	DFND	1 4	12,775	0	0
M D C HLDGS INC	COM	552676108	9,342	402,678	SH	DFND	1 3 4	402,678	0	0
M/I HOMES INC	COM	55305B101	3,727	225,499	SH	DFND	1 3 4	225,499	0	0
MACERICH CO	COM	554382101	1,833	325,665	SH	DFND	1 3 4	325,665	0	0
MACERICH CO	COM	554382101	71	12,698	SH	DFND	1 4	12,698	0	0
MACK CALI RLTY CORP	COM	554489104	4,076	267,637	SH	DFND	1 3 4	267,637	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	206	8,163	SH	DFND	1 4	8,163	0	0
MACROGENICS INC	COM	556099109	1,281	220,094	SH	DFND	1 3 4	220,094	0	0
MACYS INC	COM	55616P104	2,073	422,298	SH	DFND	1 3 4	422,298	0	0
MACYS INC	COM	55616P104	160	32,587	SH	DFND	1 4	32,587	0	0
MADDEN STEVEN LTD	COM	556269108	14,223	612,306	SH	DFND	1 3 4	612,306	0	0
MADDEN STEVEN LTD	COM	556269108	279	11,994	SH	DFND	1 4	11,994	0	0
MADISON SQUARE GARDEN CO NEW	CL A	55825T103	437	2,066	SH	DFND	1 4	2,066	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	8,010	166,496	SH	DFND	1 3 4	166,496	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	207	4,300	SH	DFND	1 4	4,300	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	1,451	231,000	SH	DFND	1 3 4	231,000	0	0
MAGNA INTL INC	COM	559222401	94,058	2,946,672	SH	DFND	1 3 4	2,935,275	0	11,397
MAGNOLIA OIL & GAS CORP	CL A	559663109	42	10,580	SH	DFND	1 4	10,580	0	0
MALLINCKRODT PUB LTD CO	SHS	G5785G107	372	188,004	SH	DFND	1 3 4	188,004	0	0
MAMMOTH ENERGY SVCS INC	COM	56155L108	11	14,676	SH	DFND	1 3 4	14,676	0	0
MANHATTAN ASSOCS INC	COM	562750109	485	9,737	SH	DFND	1 4	9,737	0	0
MANHATTAN ASSOCS INC	COM	562750109	21,594	433,444	SH	DFND	1 3 4	433,444	0	0
MANNKIND CORP	COM NEW	56400P706	29	27,679	SH	DFND	1 3 4	27,679	0	0
MANNKIND CORP	COM NEW	56400P706	25	23,819	SH	DFND	1 4	23,819	0	0
MANPOWERGROUP INC	COM	56418H100	9,912	187,049	SH	DFND	1 3 4	187,049	0	0
MANPOWERGROUP INC	COM	56418H100	334	6,297	SH	DFND	1 4	6,297	0	0
MANTECH INTL CORP	CL A	564563104	14,927	205,411	SH	DFND	1 3 4	205,411	0	0
MANTECH INTL CORP	CL A	564563104	226	3,105	SH	DFND	1 4	3,105	0	0
MARATHON OIL CORP	COM	565849106	3,857	1,172,232	SH	DFND	1 3 4	1,172,232	0	0
MARATHON OIL CORP	COM	565849106	259	78,609	SH	DFND	1 4	78,609	0	0
MARATHON PETE CORP	COM	56585A102	421	17,803	SH	DFND	1 4	17,803	0	0
MARATHON PETE CORP	COM	56585A102	96,773	4,097,048	SH	DFND	1 3 4	4,089,786	0	7,262
MARCUS & MILLICHAP INC	COM	566324109	5,293	195,330	SH	DFND	1 3 4	195,330	0	0
MARCUS CORP	COM	566330106	2,234	181,336	SH	DFND	1 3 4	181,336	0	0
MARINEMAX INC	COM	567908108	1,696	162,775	SH	DFND	1 3 4	162,775	0	0
MARKEL CORP	COM	570535104	627,769	676,555	SH	DFND	1 3 4	676,244	0	311

MARKEL CORP	COM	570535104	990	1,067	SH	DFND	1 4	1,067	0	0
MARKETAXESS HLDGS INC	COM	57060D108	17,241	51,841	SH	DFND	1 3 4	51,841	0	0
MARKETAXESS HLDGS INC	COM	57060D108	1,311	3,943	SH	DFND	1 4	3,943	0	0
MARRIOTT INTL INC NEW	CL A	571903202	27,567	368,495	SH	DFND	1 3 4	368,495	0	0
MARRIOTT INTL INC NEW	CL A	571903202	1,716	22,933	SH	DFND	1 4	22,933	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	6,159	110,811	SH	DFND	1 3 4	110,811	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	295	5,308	SH	DFND	1 4	5,308	0	0
MARSH & MCLENNAN COS INC	COM	571748102	78,902	912,586	SH	DFND	1 3 4	912,586	0	0
MARSH & MCLENNAN COS INC	COM	571748102	3,427	39,638	SH	DFND	1 4	39,638	0	0
MARTEN TRANS LTD	COM	573075108	6,089	296,756	SH	DFND	1 3 4	296,756	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	272,479	1,439,932	SH	DFND	1 3 4	1,439,932	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	1,376	7,273	SH	DFND	1 4	7,273	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	411	18,166	SH	DFND	1 3 4	18,166	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	1,228	54,249	SH	DFND	1 4	54,249	0	0
MASCO CORP	COM	574599106	15,653	452,810	SH	DFND	1 3 4	452,810	0	0
MASCO CORP	COM	574599106	1,053	30,457	SH	DFND	1 4	30,457	0	0
MASIMO CORP	COM	574795100	25,781	145,556	SH	DFND	1 3 4	145,556	0	0
MASIMO CORP	COM	574795100	951	5,370	SH	DFND	1 4	5,370	0	0
MASTEC INC	COM	576323109	298	9,098	SH	DFND	1 4	9,098	0	0
MASTEC INC	COM	576323109	24,890	760,486	SH	DFND	1 3 4	760,486	0	0
MASTERCARD INC	CL A	57636Q104	12,668	52,441	SH	DFND	1 4	52,441	0	0
MASTERCARD INC	CL A	57636Q104	574,566	2,378,560	SH	DFND	1 3 4	2,378,560	0	0
MATADOR RES CO	COM	576485205	805	324,623	SH	DFND	1 3 4	324,623	0	0
MATADOR RES CO	COM	576485205	28	11,426	SH	DFND	1 4	11,426	0	0
MATCH GROUP INC	COM	57665R106	946	14,325	SH	DFND	1 3 4	14,325	0	0
MATCH GROUP INC	COM	57665R106	501	7,579	SH	DFND	1 4	7,579	0	0
MATERION CORP	COM	576690101	5,455	155,799	SH	DFND	1 3 4	155,799	0	0
MATRIX SVC CO	COM	576853105	3,901	411,955	SH	DFND	1 3 4	411,955	0	0
MATSON INC	COM	57686G105	9,958	325,222	SH	DFND	1 3 4	325,222	0	0
MATTEL INC	COM	577081102	9,055	1,027,819	SH	DFND	1 3 4	1,027,819	0	0
MATTEL INC	COM	577081102	184	20,845	SH	DFND	1 4	20,845	0	0
MATTHEWS INTL CORP	CL A	577128101	5,837	241,307	SH	DFND	1 3 4	241,307	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	18,190	374,203	SH	DFND	1 3 4	374,203	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	1,240	25,516	SH	DFND	1 4	25,516	0	0
MAXIMUS INC	COM	577933104	11,227	192,905	SH	DFND	1 3 4	192,905	0	0
MAXIMUS INC	COM	577933104	523	8,986	SH	DFND	1 4	8,986	0	0
MAXLINEAR INC	COM	57776J100	5,766	494,090	SH	DFND	1 3 4	494,090	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	37,317	264,266	SH	DFND	1 3 4	264,266	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	1,850	13,104	SH	DFND	1 4	13,104	0	0
MCDONALDS CORP	COM	580135101	201,629	1,219,409	SH	DFND	1 3 4	1,219,409	0	0
MCDONALDS CORP	COM	580135101	3,918	23,694	SH	DFND	1 4	23,694	0	0
MCGRATH RENTCORP	COM	580589109	521	9,938	SH	DFND	1 3 4	9,938	0	0
MCGRATH RENTCORP	COM	580589109	205	3,905	SH	DFND	1 4	3,905	0	0
MCKESSON CORP	COM	58155Q103	34,064	251,841	SH	DFND	1 3 4	251,841	0	0
MCKESSON CORP	COM	58155Q103	2,779	20,547	SH	DFND	1 4	20,547	0	0
MDU RES GROUP INC	COM	552690109	12,764	593,690	SH	DFND	1 3 4	593,690	0	0
MDU RES GROUP INC	COM	552690109	447	20,783	SH	DFND	1 4	20,783	0	0

MEDICAL PPTYS TRUST INC	COM	58463J304	92,621	5,357,433	SH	DFND	1 3 4	5,355,025	0	2,408
MEDICAL PPTYS TRUST INC	COM	58463J304	978	56,550	SH	DFND	1 4	56,550	0	0
MEDIFAST INC	COM	58470H101	11,012	176,188	SH	DFND	1 3 4	176,188	0	0
MEDNAX INC	COM	58502B106	3,633	312,149	SH	DFND	1 3 4	312,149	0	0
MEDPACE HLDGS INC	COM	58506Q109	16,652	226,922	SH	DFND	1 3 4	226,922	0	0
MEDPACE HLDGS INC	COM	58506Q109	318	4,336	SH	DFND	1 4	4,336	0	0
MEDTRONIC PLC	SHS	G5960L103	381,865	4,234,471	SH	DFND	1 3 4	4,222,506	0	11,965
MEDTRONIC PLC	SHS	G5960L103	3,313	36,743	SH	DFND	1 4	36,743	0	0
MEI PHARMA INC	COM NEW	55279B202	21	13,142	SH	DFND	1 4	13,142	0	0
MELCO RESORTS AND ENTMNT LTD	ADR	585464100	298	24,045	SH	DFND	1 3 4	24,045	0	0
MERCADOLIBRE INC	COM	58733R102	5,916	12,108	SH	DFND	1 3 4	12,108	0	0
MERCER INTL INC	COM	588056101	2,199	303,731	SH	DFND	1 3 4	303,731	0	0
MERCK & CO. INC	COM	58933Y105	518,618	6,740,556	SH	DFND	1 3 4	6,723,539	0	17,017
MERCK & CO. INC	COM	58933Y105	16,848	218,980	SH	DFND	1 4	218,980	0	0
MERCURY GENL CORP NEW	COM	589400100	4,712	115,715	SH	DFND	1 3 4	115,715	0	0
MERCURY SYS INC	COM	589378108	11,710	164,141	SH	DFND	1 3 4	164,141	0	0
MERCURY SYS INC	COM	589378108	373	5,231	SH	DFND	1 4	5,231	0	0
MEREDITH CORP	COM	589433101	1,454	119,025	SH	DFND	1 3 4	119,025	0	0
MERIDIAN BANCORP INC MD	COM	58958U103	168	14,968	SH	DFND	1 3 4	14,968	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	2,911	346,564	SH	DFND	1 3 4	346,564	0	0
MERIT MED SYS INC	COM	589889104	13,089	418,865	SH	DFND	1 3 4	418,865	0	0
MERITAGE HOMES CORP	COM	59001A102	10,618	290,824	SH	DFND	1 3 4	290,824	0	0
MERITOR INC	COM	59001K100	7,427	560,511	SH	DFND	1 3 4	560,511	0	0
MERITOR INC	COM	59001K100	169	12,738	SH	DFND	1 4	12,738	0	0
MESA LABS INC	COM	59064R109	6,889	30,469	SH	DFND	1 3 4	30,469	0	0
META FINL GROUP INC	COM	59100U108	5,705	262,683	SH	DFND	1 3 4	262,683	0	0
METHODE ELECTRS INC	COM	591520200	7,815	295,673	SH	DFND	1 3 4	295,673	0	0
METLIFE INC	COM	59156R108	32,787	1,072,515	SH	DFND	1 3 4	1,072,515	0	0
METLIFE INC	COM	59156R108	941	30,780	SH	DFND	1 4	30,780	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	312,820	453,027	SH	DFND	1 3 4	453,027	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	1,844	2,671	SH	DFND	1 4	2,671	0	0
MFA FINL INC	COM	55272X102	99	64,165	SH	DFND	1 4	64,165	0	0
MGE ENERGY INC	COM	55277P104	232	3,538	SH	DFND	1 4	3,538	0	0
MGIC INVT CORP WIS	COM	552848103	9,272	1,460,110	SH	DFND	1 3 4	1,460,110	0	0
MGIC INVT CORP WIS	COM	552848103	246	38,761	SH	DFND	1 4	38,761	0	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	266	11,239	SH	DFND	2 3 4	11,239	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	8,221	696,720	SH	DFND	1 3 4	696,720	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	694	58,814	SH	DFND	1 4	58,814	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	2,709	100,757	SH	DFND	1 3 4	100,757	0	0
MICHAELS COS INC	COM	59408Q106	938	579,091	SH	DFND	1 3 4	579,091	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	400,261	5,903,565	SH	DFND	1 3 4	5,890,788	0	12,777
MICROCHIP TECHNOLOGY INC	COM	595017104	1,485	21,901	SH	DFND	1 4	21,901	0	0
MICRON TECHNOLOGY INC	COM	595112103	63,322	1,505,529	SH	DFND	1 3 4	1,505,529	0	0
MICRON TECHNOLOGY INC	COM	595112103	901	21,419	SH	DFND	1 4	21,419	0	0
MICROSOFT CORP	COM	594918104	95,590	606,112	SH	DFND	1 4	606,112	0	0
MICROSOFT CORP	COM	594918104	2,155,563	13,667,897	SH	DFND	1 3 4	13,657,986	0	9,911
MICROSTRATEGY INC	CL A NEW	594972408	7,379	62,478	SH	DFND	1 3 4	62,478	0	0
MID AMER APT	COM	59522J103	15,899	154,316	SH	DFND	1 3 4	154,316	0	0

CMNTYS INC										
MID AMER APT CMNTYS INC	COM	59522J103	1,345	13,054	SH	DFND	1 4	13,054	0	0
MIDDLEBY CORP	COM	596278101	428	7,521	SH	DFND	1 4	7,521	0	0
MIDDLESEX WATER CO	COM	596680108	873	14,515	SH	DFND	1 3 4	14,515	0	0
MILLER HERMAN INC	COM	600544100	4,548	204,859	SH	DFND	1 3 4	204,859	0	0
MILLER HERMAN INC	COM	600544100	210	9,460	SH	DFND	1 4	9,460	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	4,221	116,422	SH	DFND	1 3 4	116,422	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	1,034	13,451	SH	DFND	1 3 4	13,451	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	292	3,797	SH	DFND	1 4	3,797	0	0
MKS INSTRS INC	COM	55306N104	363	4,460	SH	DFND	1 4	4,460	0	0
MKS INSTRS INC	COM	55306N104	108,190	1,328,377	SH	DFND	1 3 4	1,327,534	0	843
MOBILE MINI INC	COM	60740F105	8,806	335,722	SH	DFND	1 3 4	335,722	0	0
MOBILEIRON INC	COM NEW	60739U204	50	13,158	SH	DFND	1 4	13,158	0	0
MODEL N INC	COM	607525102	508	22,862	SH	DFND	1 3 4	22,862	0	0
MODERNA INC	COM	60770K107	1,512	50,496	SH	DFND	1 3 4	50,496	0	0
MODERNA INC	COM	60770K107	745	24,881	SH	DFND	1 4	24,881	0	0
MODINE MFG CO	COM	607828100	1,608	494,723	SH	DFND	1 3 4	494,723	0	0
MOHAWK INDS INC	COM	608190104	6,132	80,425	SH	DFND	1 3 4	80,425	0	0
MOHAWK INDS INC	COM	608190104	530	6,951	SH	DFND	1 4	6,951	0	0
MOLINA HEALTHCARE INC	COM	60855R100	25,964	185,842	SH	DFND	1 3 4	185,842	0	0
MOLINA HEALTHCARE INC	COM	60855R100	1,277	9,139	SH	DFND	1 4	9,139	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	808	20,719	SH	DFND	1 4	20,719	0	0
MOLSON COORS BEVERAGE CO	CL B	60871R209	10,124	259,511	SH	DFND	1 3 4	259,511	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	392	14,404	SH	DFND	1 4	14,404	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	23,850	876,840	SH	DFND	1 3 4	876,840	0	0
MOMO INC	ADR	60879B107	506	23,338	SH	DFND	1 3 4	23,338	0	0
MONARCH CASINO & RESORT INC	COM	609027107	2,541	90,538	SH	DFND	1 3 4	90,538	0	0
MONDELEZ INTL INC	CL A	609207105	97,926	1,955,387	SH	DFND	1 3 4	1,955,387	0	0
MONDELEZ INTL INC	CL A	609207105	1,377	27,488	SH	DFND	1 4	27,488	0	0
MONGODB INC	CL A	60937P106	203	1,486	SH	DFND	1 4	1,486	0	0
MONOLITHIC PWR SYS INC	COM	609839105	35,439	211,640	SH	DFND	1 3 4	211,556	0	84
MONRO INC	COM	610236101	11,545	263,528	SH	DFND	1 3 4	263,528	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	33,129	588,855	SH	DFND	1 3 4	588,855	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	1,764	31,350	SH	DFND	1 4	31,350	0	0
MOODYS CORP	COM	615369105	343,408	1,623,680	SH	DFND	1 3 4	1,623,680	0	0
MOODYS CORP	COM	615369105	2,053	9,708	SH	DFND	1 4	9,708	0	0
MOOG INC	CL A	615394202	250	4,941	SH	DFND	1 4	4,941	0	0
MOOG INC	CL A	615394202	12,388	245,156	SH	DFND	1 3 4	245,156	0	0
MORGAN STANLEY	COM NEW	617446448	121,405	3,570,735	SH	DFND	1 3 4	3,565,747	0	4,988
MORGAN STANLEY	COM NEW	617446448	765	22,505	SH	DFND	1 4	22,505	0	0
MORNINGSTAR INC	COM	617700109	7,209	62,017	SH	DFND	1 3 4	60,968	0	1,049
MORNINGSTAR INC	COM	617700109	272	2,338	SH	DFND	1 4	2,338	0	0
MOSAIC CO NEW	COM	61945C103	7,365	680,671	SH	DFND	1 3 4	680,671	0	0
MOSAIC CO NEW	COM	61945C103	377	34,856	SH	DFND	1 4	34,856	0	0
MOTORCAR PTS AMER INC	COM	620071100	1,809	143,827	SH	DFND	1 3 4	143,827	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	244,909	1,842,523	SH	DFND	1 3 4	1,842,523	0	0
MOTOROLA SOLUTIONS	COM NEW	620076307	2,514	18,917	SH	DFND	1 4	18,917	0	0

INC										
MOVADO GROUP INC	COM	624580106	1,472	124,527	SH	DFND	1 3 4	124,527	0	0
MSA SAFETY INC	COM	553498106	344	3,401	SH	DFND	1 4	3,401	0	0
MSA SAFETY INC	COM	553498106	67,647	668,514	SH	DFND	1 3 4	668,119	0	395
MSC INDL DIRECT INC	CL A	553530106	7,323	133,215	SH	DFND	1 3 4	133,215	0	0
MSC INDL DIRECT INC	CL A	553530106	262	4,773	SH	DFND	1 4	4,773	0	0
MSCI INC	COM	55354G100	237,929	823,400	SH	DFND	1 3 4	823,400	0	0
MSCI INC	COM	55354G100	2,723	9,425	SH	DFND	1 4	9,425	0	0
MSG NETWORK INC	CL A	553573106	304	29,792	SH	DFND	1 3 4	29,792	0	0
MTS SYS CORP	COM	553777103	3,311	147,171	SH	DFND	1 3 4	147,171	0	0
MUELLER INDS INC	COM	624756102	10,803	451,237	SH	DFND	1 3 4	451,237	0	0
MUELLER INDS INC	COM	624756102	208	8,691	SH	DFND	1 4	8,691	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	166	20,752	SH	DFND	1 4	20,752	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	1,219	152,176	SH	DFND	1 3 4	152,176	0	0
MURPHY OIL CORP	COM	626717102	2,710	442,107	SH	DFND	1 3 4	442,107	0	0
MURPHY OIL CORP	COM	626717102	84	13,691	SH	DFND	1 4	13,691	0	0
MURPHY USA INC	COM	626755102	8,542	101,260	SH	DFND	1 3 4	101,260	0	0
MURPHY USA INC	COM	626755102	201	2,387	SH	DFND	1 4	2,387	0	0
MYERS INDS INC	COM	628464109	2,916	271,267	SH	DFND	1 3 4	271,267	0	0
MYLAN NV	SHS EURO	N59465109	11,595	777,686	SH	DFND	1 3 4	777,686	0	0
MYLAN NV	SHS EURO	N59465109	866	58,055	SH	DFND	1 4	58,055	0	0
MYOKARDIA INC	COM	62857M105	333	7,113	SH	DFND	1 3 4	7,113	0	0
MYOKARDIA INC	COM	62857M105	201	4,282	SH	DFND	1 4	4,282	0	0
MYR GROUP INC DEL	COM	55405W104	3,308	126,304	SH	DFND	1 3 4	126,304	0	0
MYRIAD GENETICS INC	COM	62855J104	8,401	587,040	SH	DFND	1 3 4	587,040	0	0
NABORS INDUSTRIES LTD	SHS	G6359F103	1,000	2,564,183	SH	DFND	1 3 4	2,564,183	0	0
NABORS INDUSTRIES LTD	SHS	G6359F103	14	35,186	SH	DFND	1 4	35,186	0	0
NASDAQ INC	COM	631103108	23,916	251,885	SH	DFND	1 3 4	248,090	0	3,795
NASDAQ INC	COM	631103108	895	9,427	SH	DFND	1 4	9,427	0	0
NATERA INC	COM	632307104	11,523	385,885	SH	DFND	1 3 4	385,885	0	0
NATERA INC	COM	632307104	239	8,012	SH	DFND	1 4	8,012	0	0
NATIONAL BEVERAGE CORP	COM	635017106	3,766	88,311	SH	DFND	1 3 4	88,311	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	5,652	236,486	SH	DFND	1 3 4	236,486	0	0
NATIONAL CINEMEDIA INC	COM	635309107	44	13,520	SH	DFND	1 3 4	13,520	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	9,520	255,300	SH	DFND	1 3 4	255,300	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	219	5,866	SH	DFND	1 4	5,866	0	0
NATIONAL GEN HLDGS CORP	COM	636220303	179	10,844	SH	DFND	1 4	10,844	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	26,243	530,034	SH	DFND	1 3 4	529,666	0	368
NATIONAL HEALTH INVS INC	COM	63633D104	306	6,181	SH	DFND	1 4	6,181	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	297	4,134	SH	DFND	1 3 4	4,134	0	0
NATIONAL INSTRS CORP	COM	636518102	11,532	348,625	SH	DFND	1 3 4	348,625	0	0
NATIONAL INSTRS CORP	COM	636518102	518	15,644	SH	DFND	1 4	15,644	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	5,151	524,001	SH	DFND	1 3 4	524,001	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	372	37,834	SH	DFND	1 4	37,834	0	0
NATIONAL PRESTO INDS INC	COM	637215104	2,706	38,222	SH	DFND	1 3 4	38,222	0	0
NATIONAL RESH CORP	COM NEW	637372202	227	4,999	SH	DFND	1 3 4	4,999	0	0
NATIONAL RETAIL PROPERTIES I	COM	637417106	44,309	1,376,622	SH	DFND	1 3 4	1,375,929	0	693
NATIONAL RETAIL	COM	637417106	664	20,618	SH	DFND	1 4	20,618	0	0



PROPERTIES I

NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	13,323	450,117	SH	DFND	1 3 4	450,117	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	258	8,732	SH	DFND	1 4	8,732	0	0
NATUS MED INC DEL	COM	639050103	6,439	278,362	SH	DFND	1 3 4	278,362	0	0
NAVIENT CORPORATION	COM	63938C108	180	23,685	SH	DFND	1 4	23,685	0	0
NAVIENT CORPORATION	COM	63938C108	5,965	786,986	SH	DFND	1 3 4	786,986	0	0
NBT BANCORP INC	COM	628778102	11,179	345,132	SH	DFND	1 3 4	345,132	0	0
NCR CORP NEW	COM	62886E108	6,675	377,135	SH	DFND	1 3 4	377,135	0	0
NCR CORP NEW	COM	62886E108	337	19,028	SH	DFND	1 4	19,028	0	0
NEENAH INC	COM	640079109	5,510	127,750	SH	DFND	1 3 4	127,750	0	0
NEKTAR THERAPEUTICS	COM	640268108	9,758	546,677	SH	DFND	1 3 4	546,677	0	0
NEKTAR THERAPEUTICS	COM	640268108	183	10,229	SH	DFND	1 4	10,229	0	0
NEOGEN CORP	COM	640491106	26,644	397,733	SH	DFND	1 3 4	397,733	0	0
NEOGEN CORP	COM	640491106	335	4,999	SH	DFND	1 4	4,999	0	0
NEOGENOMICS INC	COM NEW	64049M209	254	9,200	SH	DFND	1 4	9,200	0	0
NEOGENOMICS INC	COM NEW	64049M209	21,871	792,125	SH	DFND	1 3 4	792,125	0	0
NESCO HLDGS INC	COM	64083J104	4,471	1,363,014	SH	DFND	1 3 4	1,363,014	0	0
NETAPP INC	COM	64110D104	1,340	32,145	SH	DFND	1 4	32,145	0	0
NETAPP INC	COM	64110D104	14,146	339,302	SH	DFND	1 3 4	339,302	0	0
NETEASE INC	SPONSORED ADS	64110W102	37,871	117,994	SH	DFND	1 3 4	117,994	0	0
NETFLIX INC	COM	64110L106	244,400	650,866	SH	DFND	1 3 4	650,866	0	0
NETFLIX INC	COM	64110L106	9,352	24,905	SH	DFND	1 4	24,905	0	0
NETGEAR INC	COM	64111Q104	5,224	228,728	SH	DFND	1 3 4	228,728	0	0
NETSCOUT SYS INC	COM	64115T104	4,616	195,008	SH	DFND	1 3 4	195,008	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	893	10,317	SH	DFND	1 4	10,317	0	0
NEVRO CORP	COM	64157F103	11,898	119,002	SH	DFND	1 3 4	119,002	0	0
NEVRO CORP	COM	64157F103	289	2,890	SH	DFND	1 4	2,890	0	0
NEW JERSEY RES	COM	646025106	9,603	282,695	SH	DFND	1 3 4	282,695	0	0
NEW JERSEY RES	COM	646025106	284	8,348	SH	DFND	1 4	8,348	0	0
NEW ORIENTAL ED & TECH GRP I	SPON ADR	647581107	72,348	668,408	SH	DFND	1 3 4	660,833	0	7,575
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	565	112,731	SH	DFND	1 3 4	112,731	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	225	44,844	SH	DFND	1 4	44,844	0	0
NEW SR INVT GROUP INC	COM	648691103	29	11,170	SH	DFND	1 4	11,170	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	12,984	1,382,744	SH	DFND	1 3 4	1,382,744	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	4,294	2,770,157	SH	DFND	1 3 4	2,770,157	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	63	40,551	SH	DFND	1 4	40,551	0	0
NEW YORK TIMES CO	CL A	650111107	13,055	425,104	SH	DFND	1 3 4	425,104	0	0
NEW YORK TIMES CO	CL A	650111107	530	17,245	SH	DFND	1 4	17,245	0	0
NEWELL BRANDS INC	COM	651229106	418	31,471	SH	DFND	1 4	31,471	0	0
NEWELL BRANDS INC	COM	651229106	6,870	517,350	SH	DFND	1 3 4	517,350	0	0
NEWMARK GROUP INC	CL A	65158N102	20,979	4,937,088	SH	DFND	1 3 4	4,932,956	0	4,132
NEWMARK GROUP INC	CL A	65158N102	106	24,989	SH	DFND	1 4	24,989	0	0
NEWMARKET CORP	COM	651587107	8,380	21,888	SH	DFND	1 3 4	21,888	0	0
NEWMARKET CORP	COM	651587107	315	822	SH	DFND	1 4	822	0	0
NEWMONT CORP	COM	651639106	53,577	1,183,230	SH	DFND	1 3 4	1,183,230	0	0
NEWMONT CORP	COM	651639106	3,045	67,256	SH	DFND	1 4	67,256	0	0
NEWPARK RES INC	COM PAR \$.01NEW	651718504	611	681,573	SH	DFND	1 3 4	681,573	0	0
NEWS CORP NEW	CL A	65249B109	4,785	533,203	SH	DFND	1 3 4	533,203	0	0
NEWS CORP NEW	CL A	65249B109	345	38,484	SH	DFND	1 4	38,484	0	0
NEWS CORP NEW	CL B	65249B208	1,481	164,746	SH	DFND	1 3 4	164,746	0	0
NEWS CORP NEW	CL B	65249B208	120	13,304	SH	DFND	1 4	13,304	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	5,051	200,342	SH	DFND	1 3 4	200,342	0	0

NEXSTAR MEDIA GROUP INC	CL A	65336K103	327	5,672	SH	DFND	1 4	5,672	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	4,637	80,324	SH	DFND	1 3 4	79,422	0	902
NEXTERA ENERGY INC	COM	65339F101	304,682	1,266,238	SH	DFND	1 3 4	1,260,925	0	5,313
NEXTERA ENERGY INC	COM	65339F101	3,259	13,543	SH	DFND	1 4	13,543	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	3,851	368,866	SH	DFND	1 3 4	368,866	0	0
NEXTIER OILFIELD SOLUTIONS	COM	65290C105	19	16,360	SH	DFND	1 4	16,360	0	0
NIC INC	COM	62914B100	12,141	527,867	SH	DFND	1 3 4	527,867	0	0
NIC INC	COM	62914B100	243	10,577	SH	DFND	1 4	10,577	0	0
NICE LTD	SPONSORED ADR	653656108	106,424	741,324	SH	DFND	1 3 4	729,913	0	11,411
NIELSEN HLDGS PLC	SHS EUR	G6518L108	6,036	481,372	SH	DFND	1 3 4	481,372	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	246	19,652	SH	DFND	1 4	19,652	0	0
NIKE INC	CL B	654106103	217,755	2,631,808	SH	DFND	1 3 4	2,631,198	0	610
NIKE INC	CL B	654106103	8,914	107,737	SH	DFND	1 4	107,737	0	0
NISOURCE INC	COM	65473P105	1,116	44,712	SH	DFND	1 4	44,712	0	0
NISOURCE INC	COM	65473P105	12,619	505,363	SH	DFND	1 3 4	505,363	0	0
NLIGHT INC	COM	65487K100	1,754	167,200	SH	DFND	1 3 4	167,200	0	0
NMI HLDGS INC	CL A	629209305	6,435	554,290	SH	DFND	1 3 4	554,290	0	0
NOBLE CORP PLC	SHS USD	G65431101	492	1,890,645	SH	DFND	1 3 4	1,890,645	0	0
NOBLE CORP PLC	SHS USD	G65431101	7	25,462	SH	DFND	1 4	25,462	0	0
NOBLE ENERGY INC	COM	655044105	3,928	650,394	SH	DFND	1 3 4	650,394	0	0
NOBLE ENERGY INC	COM	655044105	280	46,402	SH	DFND	1 4	46,402	0	0
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	863	190,439	SH	DFND	1 3 4	190,439	0	0
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	66	14,636	SH	DFND	1 4	14,636	0	0
NORDSON CORP	COM	655663102	84,228	623,623	SH	DFND	1 3 4	622,057	0	1,566
NORDSON CORP	COM	655663102	1,205	8,923	SH	DFND	1 4	8,923	0	0
NORDSTROM INC	COM	655664100	2,459	160,308	SH	DFND	1 3 4	160,308	0	0
NORDSTROM INC	COM	655664100	233	15,186	SH	DFND	1 4	15,186	0	0
NORFOLK SOUTHERN CORP	COM	655844108	54,788	375,263	SH	DFND	1 3 4	375,263	0	0
NORFOLK SOUTHERN CORP	COM	655844108	1,224	8,386	SH	DFND	1 4	8,386	0	0
NORTHERN OIL & GAS INC NEV	COM	665531109	105	159,006	SH	DFND	1 3 4	159,006	0	0
NORTHERN OIL & GAS INC NEV	COM	665531109	20	30,492	SH	DFND	1 4	30,492	0	0
NORTHERN TR CORP	COM	665859104	22,347	296,139	SH	DFND	1 3 4	296,139	0	0
NORTHERN TR CORP	COM	665859104	1,097	14,536	SH	DFND	1 4	14,536	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	3,872	345,982	SH	DFND	1 3 4	345,982	0	0
NORTHROP GRUMMAN CORP	COM	666807102	4,329	14,309	SH	DFND	1 4	14,309	0	0
NORTHROP GRUMMAN CORP	COM	666807102	82,373	272,265	SH	DFND	1 3 4	271,191	0	1,074
NORTHWEST BANCSHARES INC MD	COM	667340103	8,814	761,771	SH	DFND	1 3 4	761,771	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	137	11,853	SH	DFND	1 4	11,853	0	0
NORTHWEST NAT HLDG CO	COM	66765N105	14,259	230,915	SH	DFND	1 3 4	230,915	0	0
NORTHWESTERN CORP	COM NEW	668074305	11,129	186,004	SH	DFND	1 3 4	186,004	0	0
NORTHWESTERN CORP	COM NEW	668074305	357	5,959	SH	DFND	1 4	5,959	0	0
NORTONLIFELOCK INC	COM	668771108	14,514	775,729	SH	DFND	1 3 4	775,729	0	0
NORTONLIFELOCK INC	COM	668771108	1,053	56,301	SH	DFND	1 4	56,301	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	3,157	288,084	SH	DFND	1 3 4	288,084	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	213	19,393	SH	DFND	1 4	19,393	0	0
NOVAGOLD RES INC	COM NEW	66987E206	157	21,277	SH	DFND	1 4	21,277	0	0

NOVANTA INC	COM	67000B104	262	3,280	SH	DFND	1 4	3,280	0	0
NOVARTIS A G	SPONSORED ADR	66987V109	118,763	1,440,423	SH	DFND	1 3 4	1,432,746	0	7,677
NOVOCURE LTD	ORD SHS	G6674U108	1,025	15,219	SH	DFND	1 3 4	15,219	0	0
NOVOCURE LTD	ORD SHS	G6674U108	564	8,382	SH	DFND	1 4	8,382	0	0
NOVO-NORDISK A S	ADR	670100205	312	5,181	SH	DFND	1 3 4	1,181	0	4,000
NOW INC	COM	67011P100	1,659	321,567	SH	DFND	1 3 4	321,567	0	0
NRG ENERGY INC	COM NEW	629377508	9,607	352,426	SH	DFND	1 3 4	352,426	0	0
NRG ENERGY INC	COM NEW	629377508	868	31,835	SH	DFND	1 4	31,835	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	3,594	164,478	SH	DFND	1 3 4	164,478	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	211	12,591	SH	DFND	1 3 4	12,591	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	486	28,984	SH	DFND	1 4	28,984	0	0
NUCOR CORP	COM	670346105	18,740	520,273	SH	DFND	1 3 4	520,273	0	0
NUCOR CORP	COM	670346105	1,212	33,635	SH	DFND	1 4	33,635	0	0
NUVASIVE INC	COM	670704105	398	7,851	SH	DFND	1 4	7,851	0	0
NUVASIVE INC	COM	670704105	9,372	184,999	SH	DFND	1 3 4	184,999	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	21,740	1,288,834	SH	DFND	1 3 4	1,288,834	0	0
NVIDIA CORP	COM	67066G104	9,095	34,502	SH	DFND	1 4	34,502	0	0
NVIDIA CORP	COM	67066G104	302,756	1,148,545	SH	DFND	1 3 4	1,148,545	0	0
NVR INC	COM	62944T105	143,993	56,048	SH	DFND	1 3 4	56,048	0	0
NVR INC	COM	62944T105	1,118	435	SH	DFND	1 4	435	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	98,214	1,184,299	SH	DFND	1 3 4	1,184,299	0	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	559,016	1,856,888	SH	DFND	1 3 4	1,856,888	0	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	2,717	9,025	SH	DFND	1 4	9,025	0	0
OASIS PETROLEUM INC	COM	674215108	768	2,193,967	SH	DFND	1 3 4	2,193,967	0	0
OASIS PETROLEUM INC	COM	674215108	10	27,956	SH	DFND	1 4	27,956	0	0
OCCIDENTAL PETE CORP	COM	674599105	201	17,333	SH	DFND	1 4	17,333	0	0
OCCIDENTAL PETE CORP	COM	674599105	15,159	1,309,082	SH	DFND	1 3 4	1,309,082	0	0
OCEANEERING INTL INC	COM	675232102	31	10,415	SH	DFND	1 4	10,415	0	0
OCEANEERING INTL INC	COM	675232102	2,207	750,562	SH	DFND	1 3 4	750,562	0	0
OFFICE DEPOT INC	COM	676220106	6,957	4,242,030	SH	DFND	1 3 4	4,242,030	0	0
OFFICE DEPOT INC	COM	676220106	106	64,597	SH	DFND	1 4	64,597	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	9,979	366,215	SH	DFND	1 3 4	366,215	0	0
OFG BANCORP	COM	67103X102	4,361	390,088	SH	DFND	1 3 4	390,088	0	0
OGE ENERGY CORP	COM	670837103	19,109	621,837	SH	DFND	1 3 4	621,837	0	0
OGE ENERGY CORP	COM	670837103	821	26,707	SH	DFND	1 4	26,707	0	0
O-I GLASS INC	COM	67098H104	3,919	551,158	SH	DFND	1 3 4	551,158	0	0
O-I GLASS INC	COM	67098H104	119	16,669	SH	DFND	1 4	16,669	0	0
OIL STS INTL INC	COM	678026105	932	459,024	SH	DFND	1 3 4	459,024	0	0
OKTA INC	CL A	679295105	346	2,827	SH	DFND	1 4	2,827	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	17,293	131,750	SH	DFND	1 3 4	131,750	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	1,240	9,450	SH	DFND	1 4	9,450	0	0
OLD NATL BANCORP IND	COM	680033107	17,027	1,290,869	SH	DFND	1 3 4	1,290,869	0	0
OLD NATL BANCORP IND	COM	680033107	174	13,207	SH	DFND	1 4	13,207	0	0
OLD REP INTL CORP	COM	680223104	12,903	846,109	SH	DFND	1 3 4	846,109	0	0
OLD REP INTL CORP	COM	680223104	454	29,751	SH	DFND	1 4	29,751	0	0
OLIN CORP	COM PAR \$1	680665205	7,383	632,611	SH	DFND	1 3 4	632,611	0	0
OLIN CORP	COM PAR \$1	680665205	202	17,303	SH	DFND	1 4	17,303	0	0
OLLIES BARGAIN OUTLT HLDGS I	COM	681116109	7,490	161,623	SH	DFND	1 3 4	161,623	0	0
OLYMPIC STEEL INC	COM	68162K106	717	69,240	SH	DFND	1 3 4	69,240	0	0

OMEGA HEALTHCARE INVS INC	COM	681936100	17,227	649,110	SH	DFND	1 3 4	649,110	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	724	27,261	SH	DFND	1 4	27,261	0	0
OMNICELL INC	COM	68213N109	20,901	318,706	SH	DFND	1 3 4	318,706	0	0
OMNICELL INC	COM	68213N109	403	6,145	SH	DFND	1 4	6,145	0	0
OMNICOM GROUP INC	COM	681919106	16,538	301,246	SH	DFND	1 3 4	301,246	0	0
OMNICOM GROUP INC	COM	681919106	1,948	35,491	SH	DFND	1 4	35,491	0	0
ON SEMICONDUCTOR CORP	COM	682189105	590	47,459	SH	DFND	1 4	47,459	0	0
ONE GAS INC	COM	68235P108	28,175	336,945	SH	DFND	1 3 4	336,801	0	144
ONE GAS INC	COM	68235P108	344	4,119	SH	DFND	1 4	4,119	0	0
ONEMAIN HLDGS INC	COM	68268W103	412	21,547	SH	DFND	1 3 4	21,547	0	0
ONEOK INC NEW	COM	682680103	12,815	587,567	SH	DFND	1 3 4	587,567	0	0
ONEOK INC NEW	COM	682680103	837	38,375	SH	DFND	1 4	38,375	0	0
ONESPAN INC	COM	68287N100	4,484	247,049	SH	DFND	1 3 4	247,049	0	0
ONTO INNOVATION INC	COM	683344105	11,058	372,716	SH	DFND	1 3 4	372,716	0	0
OPKO HEALTH INC	COM	68375N103	342	255,471	SH	DFND	1 3 4	255,471	0	0
OPKO HEALTH INC	COM	68375N103	53	39,182	SH	DFND	1 4	39,182	0	0
OPUS BK IRVINE CALIF	COM	684000102	2,844	164,123	SH	DFND	1 3 4	164,123	0	0
ORACLE CORP	COM	68389X105	168,328	3,482,891	SH	DFND	1 3 4	3,482,891	0	0
ORACLE CORP	COM	68389X105	11,721	242,516	SH	DFND	1 4	242,516	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	5,039	468,303	SH	DFND	1 3 4	468,303	0	0
ORCHID IS CAP INC	COM	68571X103	45	15,343	SH	SOLE		0	0	15,343
ORIGIN BANCORP INC	COM	68621T102	216	10,682	SH	DFND	1 3 4	10,682	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	266	3,936	SH	DFND	1 4	3,936	0	0
ORTHOFIX MED INC	COM	68752M108	4,049	144,562	SH	DFND	1 3 4	144,562	0	0
OSHKOSH CORP	COM	688239201	13,452	209,110	SH	DFND	1 3 4	209,110	0	0
OSHKOSH CORP	COM	688239201	452	7,034	SH	DFND	1 4	7,034	0	0
OSI SYSTEMS INC	COM	671044105	10,741	155,842	SH	DFND	1 3 4	155,842	0	0
OTTER TAIL CORP	COM	689648103	266	5,978	SH	DFND	1 4	5,978	0	0
OUTFRONT MEDIA INC	COM	69007J106	260	19,277	SH	DFND	1 4	19,277	0	0
OWENS & MINOR INC NEW	COM	690732102	4,649	508,098	SH	DFND	1 3 4	508,098	0	0
OWENS CORNING NEW	COM	690742101	12,900	332,393	SH	DFND	1 3 4	332,393	0	0
OWENS CORNING NEW	COM	690742101	432	11,141	SH	DFND	1 4	11,141	0	0
OXFORD INDS INC	COM	691497309	4,990	137,611	SH	DFND	1 3 4	137,611	0	0
OXFORD SQUARE CAP CORP	COM	69181V107	33	13,079	SH	SOLE		0	0	13,079
PACCAR INC	COM	693718108	178,127	2,913,921	SH	DFND	1 3 4	2,908,784	0	5,137
PACCAR INC	COM	693718108	1,558	25,494	SH	DFND	1 4	25,494	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	61	20,002	SH	DFND	1 4	20,002	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	9,152	485,771	SH	DFND	1 3 4	485,771	0	0
PACIRA BIOSCIENCES	COM	695127100	12,309	367,098	SH	DFND	1 3 4	367,098	0	0
PACIRA BIOSCIENCES	COM	695127100	233	6,954	SH	DFND	1 4	6,954	0	0
PACKAGING CORP AMER	COM	695156109	876	10,085	SH	DFND	1 4	10,085	0	0
PACKAGING CORP AMER	COM	695156109	74,134	853,799	SH	DFND	1 3 4	853,352	0	447
PACWEST BANCORP DEL	COM	695263103	76,402	4,263,807	SH	DFND	1 3 4	4,261,169	0	2,638
PACWEST BANCORP DEL	COM	695263103	235	13,134	SH	DFND	1 4	13,134	0	0
PALATIN TECHNOLOGIES INC	COM PAR \$ .01	696077403	12	29,006	SH	DFND	1 4	29,006	0	0
PALO ALTO NETWORKS INC	COM	697435105	1,749	10,666	SH	DFND	1 4	10,666	0	0
PAPA JOHNS INTL INC	COM	698813102	3,477	65,142	SH	DFND	1 3 4	65,142	0	0
PAR PACIFIC HOLDINGS INC	COM NEW	69888T207	2,167	305,225	SH	DFND	1 3 4	305,225	0	0

PARAMOUNT GROUP INC	COM	69924R108	141	15,998	SH	DFND	1 4	15,998	0	0
PARETEUM CORP	COM NEW	69946T207	128	310,244	SH	DFND	1 3 4	310,244	0	0
PARK AEROSPACE CORP	COM	70014A104	1,863	147,878	SH	DFND	1 3 4	147,878	0	0
PARK HOTELS RESORTS INC	COM	700517105	54,018	6,829,195	SH	DFND	2 3 4	6,829,195	0	0
PARK HOTELS RESORTS INC	COM	700517105	154	19,425	SH	DFND	1 4	19,425	0	0
PARK HOTELS RESORTS INC	COM	700517105	7,307	923,700	SH	DFND	1 3 4	923,700	0	0
PARKER HANNIFIN CORP	COM	701094104	118,064	910,097	SH	DFND	1 3 4	908,220	0	1,877
PARKER HANNIFIN CORP	COM	701094104	1,610	12,410	SH	DFND	1 4	12,410	0	0
PARSLEY ENERGY INC	CL A	701877102	188	32,870	SH	DFND	1 4	32,870	0	0
PARSONS CORPORATION	COM	70202L102	17,069	534,087	SH	DFND	1 3 4	534,087	0	0
PATRICK INDS INC	COM	703343103	4,796	170,319	SH	DFND	1 3 4	170,319	0	0
PATTERSON COS INC	COM	703395103	5,373	351,411	SH	DFND	1 3 4	351,411	0	0
PATTERSON UTI ENERGY INC	COM	703481101	1,658	705,421	SH	DFND	1 3 4	705,421	0	0
PATTERSON UTI ENERGY INC	COM	703481101	43	18,200	SH	DFND	1 4	18,200	0	0
PAYCHEX INC	COM	704326107	2,278	36,203	SH	DFND	1 4	36,203	0	0
PAYCHEX INC	COM	704326107	27,376	435,097	SH	DFND	1 3 4	435,097	0	0
PAYCOM SOFTWARE INC	COM	70432V102	13,521	66,931	SH	DFND	1 3 4	66,931	0	0
PAYCOM SOFTWARE INC	COM	70432V102	1,135	5,618	SH	DFND	1 4	5,618	0	0
PAYLOCITY HLDG CORP	COM	70438V106	434	4,915	SH	DFND	1 4	4,915	0	0
PAYPAL HLDGS INC	COM	70450Y103	418,227	4,368,355	SH	DFND	1 3 4	4,363,380	0	4,975
PAYPAL HLDGS INC	COM	70450Y103	6,657	69,529	SH	DFND	1 4	69,529	0	0
PBF ENERGY INC	CL A	69318G106	2,152	303,898	SH	DFND	1 3 4	303,898	0	0
PBF ENERGY INC	CL A	69318G106	80	11,306	SH	DFND	1 4	11,306	0	0
PC CONNECTION INC	COM	69318J100	3,566	86,532	SH	DFND	1 3 4	86,532	0	0
PDC ENERGY INC	COM	69327R101	6,175	994,313	SH	DFND	1 3 4	994,313	0	0
PDC ENERGY INC	COM	69327R101	75	12,152	SH	DFND	1 4	12,152	0	0
PDF SOLUTIONS INC	COM	693282105	2,474	211,075	SH	DFND	1 3 4	211,075	0	0
PDL BIOPHARMA INC	COM	69329Y104	295	104,625	SH	DFND	1 3 4	104,625	0	0
PDL BIOPHARMA INC	COM	69329Y104	31	11,161	SH	DFND	1 4	11,161	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	14,737	1,353,215	SH	DFND	1 3 4	1,353,215	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	170	15,628	SH	DFND	1 4	15,628	0	0
PEGASYSYSTEMS INC	COM	705573103	394	5,535	SH	DFND	1 4	5,535	0	0
PENN NATL GAMING INC	COM	707569109	4,081	322,636	SH	DFND	1 3 4	322,636	0	0
PENN NATL GAMING INC	COM	707569109	153	12,081	SH	DFND	1 4	12,081	0	0
PENN VA CORP	COM	70788V102	316	102,110	SH	DFND	1 3 4	102,110	0	0
PENNANT GROUP INC	COM	70805E109	2,821	199,248	SH	DFND	1 3 4	199,248	0	0
PENNEY J C CORP INC	COM	708160106	822	2,282,098	SH	DFND	1 3 4	2,282,098	0	0
PENNEY J C CORP INC	COM	708160106	12	34,695	SH	DFND	1 4	34,695	0	0
PENNSYLVANIA RL ESTATE INVT	SH BEN INT	709102107	10	10,564	SH	DFND	1 4	10,564	0	0
PENNSYLVANIA RL ESTATE INVT	SH BEN INT	709102107	413	453,280	SH	DFND	1 3 4	453,280	0	0
PENNYMAC MTG INVT TR	COM	70931T103	9,339	879,392	SH	DFND	1 3 4	879,392	0	0
PENNYMAC MTG INVT TR	COM	70931T103	144	13,593	SH	DFND	1 4	13,593	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	572	20,435	SH	DFND	1 3 4	20,435	0	0
PENTAIR PLC	SHS	G7S00T104	11,604	389,924	SH	DFND	1 3 4	389,924	0	0
PENTAIR PLC	SHS	G7S00T104	592	19,892	SH	DFND	1 4	19,892	0	0
PENUMBRA INC	COM	70975L107	15,536	96,298	SH	DFND	1 3 4	96,298	0	0
PENUMBRA INC	COM	70975L107	617	3,822	SH	DFND	1 4	3,822	0	0

PEOPLES UTD FINL INC	COM	712704105	6,650	601,847	SH	DFND	1 3 4	601,847	0	0
PEOPLES UTD FINL INC	COM	712704105	405	36,652	SH	DFND	1 4	36,652	0	0
PEPSICO INC	COM	713448108	298,503	2,485,459	SH	DFND	1 3 4	2,478,839	0	6,620
PEPSICO INC	COM	713448108	12,498	104,060	SH	DFND	1 4	104,060	0	0
PERFICIENT INC	COM	71375U101	7,259	267,950	SH	DFND	1 3 4	267,950	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	419	16,953	SH	DFND	1 4	16,953	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	8,997	363,970	SH	DFND	1 3 4	363,970	0	0
PERKINELMER INC	COM	714046109	11,321	150,386	SH	DFND	1 3 4	150,386	0	0
PERKINELMER INC	COM	714046109	863	11,463	SH	DFND	1 4	11,463	0	0
PERRIGO CO PLC	SHS	G97822103	9,001	187,175	SH	DFND	1 3 4	187,175	0	0
PERRIGO CO PLC	SHS	G97822103	511	10,619	SH	DFND	1 4	10,619	0	0
PERSONALIS INC	COM	71535D106	141	17,489	SH	DFND	1 3 4	17,489	0	0
PERSPECTA INC	COM	715347100	21,849	1,197,868	SH	DFND	1 3 4	1,197,868	0	0
PERSPECTA INC	COM	715347100	351	19,239	SH	DFND	1 4	19,239	0	0
PETIQ INC	COM CL A	71639T106	541	23,276	SH	DFND	1 3 4	23,276	0	0
PETMED EXPRESS INC	COM	716382106	4,913	170,726	SH	DFND	1 3 4	170,726	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	1,488	270,594	SH	DFND	1 3 4	270,594	0	0
PFIZER INC	COM	717081103	413,741	12,675,874	SH	DFND	1 3 4	12,651,905	0	23,969
PFIZER INC	COM	717081103	4,856	148,760	SH	DFND	1 4	148,760	0	0
PG&E CORP	COM	69331C108	649	72,143	SH	DFND	1 4	72,143	0	0
PGT INNOVATIONS INC	COM	69336V101	3,876	461,974	SH	DFND	1 3 4	461,974	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	47,527	1,966,367	SH	DFND	1 3 4	1,964,898	0	1,469
PHILIP MORRIS INTL INC	COM	718172109	174,748	2,395,125	SH	DFND	1 3 4	2,395,125	0	0
PHILIP MORRIS INTL INC	COM	718172109	3,020	41,390	SH	DFND	1 4	41,390	0	0
PHILLIPS 66	COM	718546104	36,212	674,996	SH	DFND	1 3 4	674,996	0	0
PHILLIPS 66	COM	718546104	661	12,313	SH	DFND	1 4	12,313	0	0
PHOTRONICS INC	COM	719405102	5,231	509,810	SH	DFND	1 3 4	509,810	0	0
PHYSICIANS RLTY TR	COM	71943U104	10,712	768,453	SH	DFND	2 3 4	768,453	0	0
PHYSICIANS RLTY TR	COM	71943U104	207	14,842	SH	DFND	1 4	14,842	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	246	13,909	SH	DFND	1 4	13,909	0	0
PILGRIMS PRIDE CORP	COM	72147K108	2,861	157,904	SH	DFND	1 3 4	157,904	0	0
PILGRIMS PRIDE CORP	COM	72147K108	233	12,868	SH	DFND	1 4	12,868	0	0
PIMCO ETF TR	ACTIVE BD ETF	72201R775	413	3,887	SH	SOLE		0	0	3,887
PING IDENTITY HLDG CORP	COM	72341T103	11,782	588,551	SH	DFND	1 3 4	588,551	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	8,408	223,976	SH	DFND	1 3 4	223,976	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	305	8,117	SH	DFND	1 4	8,117	0	0
PINNACLE WEST CAP CORP	COM	723484101	11,704	154,429	SH	DFND	1 3 4	154,429	0	0
PINNACLE WEST CAP CORP	COM	723484101	717	9,462	SH	DFND	1 4	9,462	0	0
PIONEER NAT RES CO	COM	723787107	17,592	250,775	SH	DFND	1 3 4	250,775	0	0
PIONEER NAT RES CO	COM	723787107	1,405	20,032	SH	DFND	1 4	20,032	0	0
PIPER SANDLER COMPANIES	COM	724078100	16,254	321,403	SH	DFND	1 3 4	321,403	0	0
PITNEY BOWES INC	COM	724479100	2,848	1,395,917	SH	DFND	1 3 4	1,395,917	0	0
PITNEY BOWES INC	COM	724479100	47	22,972	SH	DFND	1 4	22,972	0	0
PJT PARTNERS INC	COM CL A	69343T107	3,431	79,094	SH	DFND	1 3 4	79,094	0	0
PLANET FITNESS INC	CL A	72703H101	16,845	345,885	SH	DFND	1 3 4	345,885	0	0
PLANET FITNESS INC	CL A	72703H101	503	10,333	SH	DFND	1 4	10,333	0	0
PLANTRONICS INC NEW	COM	727493108	2,498	248,322	SH	DFND	1 3 4	248,322	0	0
PLEXUS CORP	COM	729132100	12,137	222,453	SH	DFND	1 3 4	222,453	0	0
PLEXUS CORP	COM	729132100	251	4,602	SH	DFND	1 4	4,602	0	0
PLUG POWER INC	COM NEW	72919P202	102	28,774	SH	DFND	1 4	28,774	0	0

PNC FINL SVCS GROUP INC	COM	693475105	220,509	2,303,690	SH	DFND	1 3 4	2,296,365	0	7,325
PNC FINL SVCS GROUP INC	COM	693475105	812	8,483	SH	DFND	1 4	8,483	0	0
PNM RES INC	COM	69349H107	346	9,112	SH	DFND	1 4	9,112	0	0
PNM RES INC	COM	69349H107	42,265	1,112,262	SH	DFND	1 3 4	1,111,906	0	356
POLARIS INC	COM	731068102	376	7,808	SH	DFND	1 4	7,808	0	0
POLARIS INC	COM	731068102	8,194	170,169	SH	DFND	1 3 4	170,169	0	0
POLYONE CORP	COM	73179P106	5,887	310,338	SH	DFND	1 3 4	310,338	0	0
POLYONE CORP	COM	73179P106	261	13,770	SH	DFND	1 4	13,770	0	0
POOL CORPORATION	COM	73278L105	23,331	118,569	SH	DFND	1 3 4	118,569	0	0
POOL CORPORATION	COM	73278L105	1,041	5,291	SH	DFND	1 4	5,291	0	0
POPULAR INC	COM NEW	733174700	358	10,217	SH	DFND	1 4	10,217	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	40,895	853,029	SH	DFND	1 3 4	852,687	0	342
PORTLAND GEN ELEC CO	COM NEW	736508847	481	10,035	SH	DFND	1 4	10,035	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	84	11,716	SH	DFND	1 3 4	11,716	0	0
POST HLDGS INC	COM	737446104	254	3,061	SH	DFND	1 4	3,061	0	0
POST HLDGS INC	COM	737446104	16,317	196,664	SH	DFND	1 3 4	196,664	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	6,236	198,673	SH	DFND	1 3 4	198,673	0	0
POWELL INDS INC	COM	739128106	1,715	66,819	SH	DFND	1 3 4	66,819	0	0
POWER INTEGRATIONS INC	COM	739276103	20,786	235,319	SH	DFND	1 3 4	235,319	0	0
POWER INTEGRATIONS INC	COM	739276103	241	2,726	SH	DFND	1 4	2,726	0	0
PPG INDS INC	COM	693506107	102,310	1,223,808	SH	DFND	1 3 4	1,221,513	0	2,295
PPG INDS INC	COM	693506107	928	11,101	SH	DFND	1 4	11,101	0	0
PPL CORP	COM	69351T106	25,829	1,046,566	SH	DFND	1 3 4	1,046,566	0	0
PPL CORP	COM	69351T106	1,924	77,952	SH	DFND	1 4	77,952	0	0
PRA GROUP INC	COM	69354N106	9,550	344,522	SH	DFND	1 3 4	344,522	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	15,523	186,936	SH	DFND	1 3 4	186,936	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	683	8,227	SH	DFND	1 4	8,227	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	1,387	230,000	SH	DFND	1 3 4	230,000	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	19,633	580,529	SH	DFND	1 3 4	580,119	0	410
PREMIER INC	CL A	74051N102	2,294	70,095	SH	DFND	1 3 4	70,095	0	0
PREMIER INC	CL A	74051N102	223	6,827	SH	DFND	1 4	6,827	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	6,505	177,350	SH	DFND	1 3 4	177,350	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	200	5,458	SH	DFND	1 4	5,458	0	0
PRICE T ROWE GROUP INC	COM	74144T108	31,074	318,217	SH	DFND	1 3 4	318,217	0	0
PRICE T ROWE GROUP INC	COM	74144T108	1,946	19,927	SH	DFND	1 4	19,927	0	0
PRICESMART INC	COM	741511109	8,900	169,360	SH	DFND	1 3 4	169,360	0	0
PRIMERICA INC	COM	74164M108	11,225	126,867	SH	DFND	1 3 4	126,867	0	0
PRIMERICA INC	COM	74164M108	442	4,993	SH	DFND	1 4	4,993	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRIN SHRHLDR	74255Y300	2,682	117,617	SH	DFND	1 4	117,617	0	0
PRINCIPAL EXCHANGE-TRADED FD	HEALTHCARE INDX	74255Y409	40,953	1,300,000	SH	DFND	1 3 4	1,300,000	0	0
PRINCIPAL EXCHANGE-TRADED FD	HEALTHCARE INDX	74255Y409	368	11,668	SH	DFND	1 4	11,668	0	0
PRINCIPAL EXCHANGE-TRADED FD	PRCPL MIL INDX	74255Y508	6,980	216,940	SH	DFND	1 4	216,940	0	0
PRINCIPAL EXCHANGE-TRADED FD	US SM MLT FC ETF	74255Y607	1,052	48,179	SH	DFND	1 4	48,179	0	0
PRINCIPAL EXCHANGE-	US SM MLT	74255Y607	2,591	120,360	SH	SOLE		0	0	120,360

TRADED FD	FC ETF										
PRINCIPAL EXCHANGE-TRADED FD	PRINCIPAL ACTV	74255Y706	2,945	131,513	SH	SOLE		0	0	131,513	
PRINCIPAL EXCHANGE-TRADED FD	US SM CP ETF	74255Y771	7,207	397,090	SH	DFND	1 4	397,090	0	0	
PRINCIPAL EXCHANGE-TRADED FD	US LRG CP ETF	74255Y789	4,298	199,921	SH	DFND	1 4	199,921	0	0	
PRINCIPAL EXCHANGE-TRADED FD	INTL INDEX ETF	74255Y797	12,682	615,897	SH	DFND	1 4	615,897	0	0	
PRINCIPAL EXCHANGE-TRADED FD	ULTRA SHT ACTV	74255Y813	9,874	399,681	SH	DFND	1 4	399,681	0	0	
PRINCIPAL EXCHANGE-TRADED FD	SUSTINBLE MMNT	74255Y854	2,933	134,595	SH	DFND	1 4	134,595	0	0	
PRINCIPAL EXCHANGE-TRADED FD	CONTRARIAN VLU	74255Y862	2,284	119,905	SH	DFND	1 4	119,905	0	0	
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CAP	74255Y870	882	33,999	SH	DFND	1 4	33,999	0	0	
PRINCIPAL EXCHANGE-TRADED FD	US MEGA CAP	74255Y870	5,531	213,402	SH	SOLE		0	0	213,402	
PRINCIPAL EXCHANGE-TRADED FD	SPECTRUM PFD	74255Y888	17,461	199,004	SH	DFND	1 4	199,004	0	0	
PRINCIPAL FINL GROUP INC	COM	74251V102	10,949	349,361	SH	DFND	1 3 4	349,361	0	0	
PRINCIPIA BIOPHARMA INC	COM	74257L108	218	3,666	SH	DFND	1 3 4	3,666	0	0	
PROASSURANCE CORP	COM	74267C106	10,202	408,099	SH	DFND	1 3 4	408,099	0	0	
PROCTER & GAMBLE CO	COM	742718109	420,288	3,820,807	SH	DFND	1 3 4	3,820,807	0	0	
PROCTER & GAMBLE CO	COM	742718109	8,641	78,552	SH	DFND	1 4	78,552	0	0	
PROGENICS PHARMACEUTICALS IN	COM	743187106	2,492	655,667	SH	DFND	1 3 4	655,667	0	0	
PROGENICS PHARMACEUTICALS IN	COM	743187106	42	11,065	SH	DFND	1 4	11,065	0	0	
PROGRESS SOFTWARE CORP	COM	743312100	11,691	365,347	SH	DFND	1 3 4	365,347	0	0	
PROGRESS SOFTWARE CORP	COM	743312100	236	7,389	SH	DFND	1 4	7,389	0	0	
PROGRESSIVE CORP OHIO	COM	743315103	308,434	4,177,060	SH	DFND	1 3 4	4,177,060	0	0	
PROGRESSIVE CORP OHIO	COM	743315103	2,139	28,969	SH	DFND	1 4	28,969	0	0	
PROLOGIS INC.	COM	74340W103	1,619	20,141	SH	DFND	1 4	20,141	0	0	
PROLOGIS INC.	COM	74340W103	1,010,976	12,579,330	SH	DFND	2 3 4	12,579,330	0	0	
PROLOGIS INC.	COM	74340W103	125,624	1,563,075	SH	DFND	1 3 4	1,563,075	0	0	
PROOFPOINT INC	COM	743424103	751	7,323	SH	DFND	1 4	7,323	0	0	
PROPETRO HLDG CORP	COM	74347M108	1,737	694,630	SH	DFND	1 3 4	694,630	0	0	
PROPETRO HLDG CORP	COM	74347M108	30	11,902	SH	DFND	1 4	11,902	0	0	
PROSHARES TR	SHORT S&P 500 NE	74347B425	204	7,366	SH	SOLE		0	0	7,366	
PROSHARES TR	SHRT 20+YR TRE	74347X849	537	34,614	SH	SOLE		0	0	34,614	
PROSPERITY BANCSHARES INC	COM	743606105	13,483	279,437	SH	DFND	1 3 4	279,437	0	0	
PROTO LABS INC	COM	743713109	15,456	203,022	SH	DFND	1 3 4	203,022	0	0	
PROVIDENCE SVC CORP	COM	743815102	4,780	87,104	SH	DFND	1 3 4	87,104	0	0	
PROVIDENT FINL SVCS INC	COM	74386T105	6,234	484,734	SH	DFND	1 3 4	484,734	0	0	
PRUDENTIAL FINL INC	COM	744320102	29,754	570,648	SH	DFND	1 3 4	570,648	0	0	
PRUDENTIAL FINL INC	COM	744320102	862	16,533	SH	DFND	1 4	16,533	0	0	
PS BUSINESS PKS INC CALIF	COM	69360J107	8,152	60,152	SH	DFND	1 3 4	60,152	0	0	
PS BUSINESS PKS INC CALIF	COM	69360J107	261	1,924	SH	DFND	1 4	1,924	0	0	
PTC INC	COM	69370C100	18,805	307,213	SH	DFND	1 3 4	307,213	0	0	
PTC INC	COM	69370C100	818	13,356	SH	DFND	1 4	13,356	0	0	
PTC THERAPEUTICS INC	COM	69366J200	405	9,085	SH	DFND	1 3 4	9,085	0	0	



PTC THERAPEUTICS INC	COM	69366J200	342	7,667	SH	DFND	1 4	7,667	0	0
PUBLIC STORAGE	COM	74460D109	77,227	388,835	SH	DFND	2 3 4	388,835	0	0
PUBLIC STORAGE	COM	74460D109	46,567	234,467	SH	DFND	1 3 4	234,467	0	0
PUBLIC STORAGE	COM	74460D109	1,447	7,287	SH	DFND	1 4	7,287	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	33,075	736,465	SH	DFND	1 3 4	736,465	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	2,281	50,789	SH	DFND	1 4	50,789	0	0
PULTE GROUP INC	COM	745867101	10,816	484,584	SH	DFND	1 3 4	484,584	0	0
PULTE GROUP INC	COM	745867101	648	29,013	SH	DFND	1 4	29,013	0	0
PURPLE INNOVATION INC	COM	74640Y106	2,759	485,814	SH	DFND	1 3 4	485,814	0	0
PVH CORPORATION	COM	693656100	3,783	100,507	SH	DFND	1 3 4	100,507	0	0
PVH CORPORATION	COM	693656100	283	7,516	SH	DFND	1 4	7,516	0	0
Q2 HLDGS INC	COM	74736L109	250	4,230	SH	DFND	1 4	4,230	0	0
QEP RESOURCES INC	COM	74733V100	603	1,804,094	SH	DFND	1 3 4	1,804,094	0	0
QEP RESOURCES INC	COM	74733V100	7	20,794	SH	DFND	1 4	20,794	0	0
QIAGEN NV	SHS NEW	N72482123	758	18,226	SH	DFND	1 4	18,226	0	0
QORVO INC	COM	74736K101	772	9,577	SH	DFND	1 4	9,577	0	0
QORVO INC	COM	74736K101	12,673	157,171	SH	DFND	1 3 4	157,171	0	0
QTS RLTY TR INC	COM CL A	74736A103	322	5,550	SH	DFND	1 4	5,550	0	0
QUAKER CHEM CORP	COM	747316107	12,402	98,209	SH	DFND	1 3 4	98,209	0	0
QUALCOMM INC	COM	747525103	105,283	1,556,296	SH	DFND	1 3 4	1,556,296	0	0
QUALCOMM INC	COM	747525103	8,193	121,112	SH	DFND	1 4	121,112	0	0
QUALYS INC	COM	74758T303	22,001	252,917	SH	DFND	1 3 4	252,917	0	0
QUALYS INC	COM	74758T303	413	4,752	SH	DFND	1 4	4,752	0	0
QUANEX BUILDING PRODUCTS COR	COM	747619104	2,539	251,930	SH	DFND	1 3 4	251,930	0	0
QUANTA SVCS INC	COM	74762E102	6,129	193,170	SH	DFND	1 3 4	193,170	0	0
QUANTA SVCS INC	COM	74762E102	412	12,972	SH	DFND	1 4	12,972	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	15,660	195,018	SH	DFND	1 3 4	195,018	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	1,176	14,645	SH	DFND	1 4	14,645	0	0
QUIDEL CORP	COM	74838J101	970	9,919	SH	DFND	1 3 4	9,919	0	0
QUIDEL CORP	COM	74838J101	498	5,093	SH	DFND	1 4	5,093	0	0
QUINSTREET INC	COM	74874Q100	2,851	354,139	SH	DFND	1 3 4	354,139	0	0
QURATE RETAIL INC	COM SER A	74915M100	251	41,186	SH	DFND	1 4	41,186	0	0
R1 RCM INC	COM	749397105	155	17,088	SH	DFND	1 3 4	17,088	0	0
R1 RCM INC	COM	749397105	172	18,936	SH	DFND	1 4	18,936	0	0
RA MED SYS INC	COM	74933X104	529	485,474	SH	DFND	1 3 4	485,474	0	0
RA PHARMACEUTICALS INC	COM	74933V108	212	4,414	SH	DFND	1 4	4,414	0	0
RADIAN GROUP INC	COM	750236101	289	22,295	SH	DFND	1 4	22,295	0	0
RADIUS HEALTH INC	COM NEW	750469207	402	30,947	SH	DFND	1 3 4	30,947	0	0
RADNET INC	COM	750491102	3,332	316,987	SH	DFND	1 3 4	316,987	0	0
RALPH LAUREN CORP	CL A	751212101	335	5,014	SH	DFND	1 4	5,014	0	0
RALPH LAUREN CORP	CL A	751212101	5,875	87,911	SH	DFND	1 3 4	87,911	0	0
RAMBUS INC DEL	COM	750917106	152	13,725	SH	DFND	1 4	13,725	0	0
RAMBUS INC DEL	COM	750917106	9,389	845,879	SH	DFND	1 3 4	845,879	0	0
RANGE RES CORP	COM	75281A109	3,617	1,586,482	SH	DFND	1 3 4	1,586,482	0	0
RANGE RES CORP	COM	75281A109	34	14,840	SH	DFND	1 4	14,840	0	0
RAPID7 INC	COM	753422104	203	4,690	SH	DFND	1 3 4	4,690	0	0
RAPID7 INC	COM	753422104	206	4,752	SH	DFND	1 4	4,752	0	0
RAVEN INDS INC	COM	754212108	5,760	271,306	SH	DFND	1 3 4	271,306	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	25,876	409,441	SH	DFND	1 3 4	409,132	0	309
RAYMOND JAMES FINANCIAL INC	COM	754730109	737	11,657	SH	DFND	1 4	11,657	0	0
RAYONIER ADVANCED MATLS INC	COM	75508B104	402	378,861	SH	DFND	1 3 4	378,861	0	0
RAYONIER INC	COM	754907103	229	9,731	SH	DFND	1 4	9,731	0	0

RAYONIER INC	COM	754907103	11,907	505,617	SH	DFND	1 3 4	505,617	0	0
RAYTHEON CO	COM NEW	755111507	50,125	382,194	SH	DFND	1 3 4	382,194	0	0
RAYTHEON CO	COM NEW	755111507	2,592	19,762	SH	DFND	1 4	19,762	0	0
RBC BEARINGS INC	COM	75524B104	376	3,334	SH	DFND	1 4	3,334	0	0
RE MAX HLDGS INC	CL A	75524W108	2,983	136,096	SH	DFND	1 3 4	136,096	0	0
READY CAP CORP	COM	75574U101	1,931	267,491	SH	DFND	1 3 4	267,491	0	0
REALOGY HLDGS CORP	COM	75605Y106	2,955	981,635	SH	DFND	1 3 4	981,635	0	0
REALOGY HLDGS CORP	COM	75605Y106	37	12,202	SH	DFND	1 4	12,202	0	0
REALPAGE INC	COM	75606N109	236,846	4,474,692	SH	DFND	1 3 4	4,474,692	0	0
REALPAGE INC	COM	75606N109	583	11,023	SH	DFND	1 4	11,023	0	0
REALTY INCOME CORP	COM	756109104	504	10,100	SH	DFND	2 3 4	10,100	0	0
REALTY INCOME CORP	COM	756109104	105,405	2,114,020	SH	DFND	1 3 4	2,109,768	0	4,252
REALTY INCOME CORP	COM	756109104	1,222	24,501	SH	DFND	1 4	24,501	0	0
REATA PHARMACEUTICALS INC	CL A	75615P103	282	1,954	SH	DFND	1 4	1,954	0	0
REATA PHARMACEUTICALS INC	CL A	75615P103	1,244	8,621	SH	DFND	1 3 4	8,621	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	836	98,174	SH	DFND	1 3 4	98,174	0	0
REDWOOD TR INC	COM	758075402	4,326	854,959	SH	DFND	1 3 4	854,959	0	0
REDWOOD TR INC	COM	758075402	62	12,252	SH	DFND	1 4	12,252	0	0
REGAL BELOIT CORP	COM	758750103	9,386	149,100	SH	DFND	1 3 4	149,100	0	0
REGAL BELOIT CORP	COM	758750103	282	4,475	SH	DFND	1 4	4,475	0	0
REGENCY CTRS CORP	COM	758849103	16,462	428,386	SH	DFND	1 3 4	428,386	0	0
REGENCY CTRS CORP	COM	758849103	753	19,589	SH	DFND	1 4	19,589	0	0
REGENCY CTRS CORP	COM	758849103	196,685	5,118,120	SH	DFND	2 3 4	5,118,120	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	1,459	2,989	SH	DFND	1 4	2,989	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	56,002	114,690	SH	DFND	1 3 4	114,690	0	0
REGENXBIO INC	COM	75901B107	7,881	243,394	SH	DFND	1 3 4	243,394	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	973	108,488	SH	DFND	1 4	108,488	0	0
REGIONS FINANCIAL CORP NEW	COM	7591EP100	13,800	1,538,512	SH	DFND	1 3 4	1,538,512	0	0
REGIS CORP MINN	COM	758932107	1,084	183,394	SH	DFND	1 3 4	183,394	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	16,023	190,433	SH	DFND	1 3 4	190,433	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	654	7,769	SH	DFND	1 4	7,769	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	19,153	218,671	SH	DFND	1 3 4	218,671	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	682	7,786	SH	DFND	1 4	7,786	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	19,572	131,074	SH	DFND	1 3 4	131,074	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	821	5,496	SH	DFND	1 4	5,496	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	6,077	296,006	SH	DFND	1 3 4	296,006	0	0
RENT A CTR INC NEW	COM	76009N100	5,747	406,447	SH	DFND	1 3 4	406,447	0	0
REPLIGEN CORP	COM	759916109	693	7,174	SH	DFND	1 4	7,174	0	0
REPLIGEN CORP	COM	759916109	13,441	139,226	SH	DFND	1 3 4	139,226	0	0
REPUBLIC SVCS INC	COM	760759100	39,070	520,515	SH	DFND	1 3 4	520,515	0	0
REPUBLIC SVCS INC	COM	760759100	1,522	20,282	SH	DFND	1 4	20,282	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	2,108	435,477	SH	DFND	1 3 4	435,477	0	0
RESMED INC	COM	761152107	28,917	196,324	SH	DFND	1 3 4	196,324	0	0
RESMED INC	COM	761152107	2,302	15,629	SH	DFND	1 4	15,629	0	0
RESOURCES CONNECTION INC	COM	76122Q105	2,533	230,944	SH	DFND	1 3 4	230,944	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	374,964	9,367,082	SH	DFND	1 3 4	9,367,082	0	0

RETAIL OPPORTUNITY INVTS COR	COM	76131N101	7,296	880,044	SH	DFND	1 3 4	880,044	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	118	14,194	SH	DFND	1 4	14,194	0	0
RETAIL PPTYS AMER INC	CL A	76131V202	123	23,869	SH	DFND	1 4	23,869	0	0
REVANCE THERAPEUTICS INC	COM	761330109	5,967	403,157	SH	DFND	1 3 4	403,157	0	0
REVOLVE GROUP INC	CL A	76156B107	2,353	272,367	SH	DFND	1 3 4	272,367	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	2,005	43,114	SH	DFND	1 3 4	43,114	0	0
REXFORD INDL RLTY INC	COM	76169C100	494	12,037	SH	DFND	1 4	12,037	0	0
REXFORD INDL RLTY INC	COM	76169C100	204,326	4,982,357	SH	DFND	2 3 4	4,982,357	0	0
REXNORD CORP	COM	76169B102	15,161	668,769	SH	DFND	1 3 4	668,769	0	0
REXNORD CORP	COM	76169B102	298	13,142	SH	DFND	1 4	13,142	0	0
RH	COM	74967X103	6,420	63,901	SH	DFND	1 3 4	63,901	0	0
RH	COM	74967X103	235	2,337	SH	DFND	1 4	2,337	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	38	24,466	SH	DFND	1 3 4	24,466	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	36	22,858	SH	DFND	1 4	22,858	0	0
RING ENERGY INC	COM	76680V108	1,355	2,057,775	SH	DFND	1 3 4	2,057,775	0	0
RINGCENTRAL INC	CL A	76680R206	821	3,872	SH	DFND	1 3 4	3,872	0	0
RINGCENTRAL INC	CL A	76680R206	1,764	8,323	SH	DFND	1 4	8,323	0	0
RITCHIE BROS AUCTIONEERS	COM	767744105	7,628	223,164	SH	DFND	1 3 4	217,664	0	5,500
RLI CORP	COM	749607107	10,370	117,935	SH	DFND	1 3 4	117,935	0	0
RLI CORP	COM	749607107	338	3,849	SH	DFND	1 4	3,849	0	0
RLJ LODGING TR	COM	74965L101	163	21,086	SH	DFND	1 4	21,086	0	0
RMR GROUP INC	CL A	74967R106	411	15,251	SH	DFND	1 3 4	15,251	0	0
ROBERT HALF INTL INC	COM	770323103	6,860	181,734	SH	DFND	1 3 4	181,734	0	0
ROBERT HALF INTL INC	COM	770323103	574	15,203	SH	DFND	1 4	15,203	0	0
ROCKWELL AUTOMATION INC	COM	773903109	26,639	176,524	SH	DFND	1 3 4	176,524	0	0
ROCKWELL AUTOMATION INC	COM	773903109	2,141	14,185	SH	DFND	1 4	14,185	0	0
ROGERS CORP	COM	775133101	13,304	140,905	SH	DFND	1 3 4	140,905	0	0
ROKU INC	COM CL A	77543R102	201	2,303	SH	DFND	1 4	2,303	0	0
ROLLINS INC	COM	775711104	6,989	193,388	SH	DFND	1 3 4	193,388	0	0
ROLLINS INC	COM	775711104	500	13,823	SH	DFND	1 4	13,823	0	0
ROPER TECHNOLOGIES INC	COM	776696106	485,706	1,557,697	SH	DFND	1 3 4	1,556,629	0	1,068
ROPER TECHNOLOGIES INC	COM	776696106	1,676	5,376	SH	DFND	1 4	5,376	0	0
ROSS STORES INC	COM	778296103	98,288	1,130,135	SH	DFND	1 3 4	1,130,135	0	0
ROSS STORES INC	COM	778296103	3,155	36,281	SH	DFND	1 4	36,281	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	7,481	232,558	SH	DFND	1 3 4	232,558	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	469	14,579	SH	DFND	1 4	14,579	0	0
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	64,578	1,977,282	SH	DFND	1 3 4	1,947,303	0	29,979
ROYAL GOLD INC	COM	780287108	17,045	194,335	SH	DFND	1 3 4	194,335	0	0
ROYAL GOLD INC	COM	780287108	545	6,211	SH	DFND	1 4	6,211	0	0
RPC INC	COM	749660106	964	468,035	SH	DFND	1 3 4	468,035	0	0
RPM INTL INC	COM	749685103	891	14,976	SH	DFND	1 4	14,976	0	0
RPM INTL INC	COM	749685103	66,186	1,112,412	SH	DFND	1 3 4	1,111,834	0	578
RPT REALTY	SH BEN INT	74971D101	3,682	610,616	SH	DFND	1 3 4	610,616	0	0
RPT REALTY	SH BEN INT	74971D101	69	11,415	SH	DFND	1 4	11,415	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	52	11,627	SH	DFND	1 3 4	11,627	0	0

RUTHS HOSPITALITY GROUP INC	COM	783332109	4,048	606,055	SH	DFND	1 3 4	606,055	0	0
RYDER SYS INC	COM	783549108	4,985	188,558	SH	DFND	1 3 4	188,558	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	263	7,323	SH	DFND	1 4	7,323	0	0
S & T BANCORP INC	COM	783859101	8,389	307,058	SH	DFND	1 3 4	307,058	0	0
S&P GLOBAL INC	COM	78409V104	278,786	1,137,670	SH	DFND	1 3 4	1,137,670	0	0
S&P GLOBAL INC	COM	78409V104	3,567	14,556	SH	DFND	1 4	14,556	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	9,400	860,862	SH	DFND	1 3 4	860,862	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	246	22,488	SH	DFND	1 4	22,488	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	72,821	6,668,709	SH	DFND	2 3 4	6,668,709	0	0
SABRE CORP	COM	78573M104	5,282	890,739	SH	DFND	1 3 4	890,739	0	0
SABRE CORP	COM	78573M104	259	43,702	SH	DFND	1 4	43,702	0	0
SAFEHOLD INC	COM	78645L100	7,136	112,865	SH	DFND	1 3 4	112,865	0	0
SAFETY INS GROUP INC	COM	78648T100	9,378	111,075	SH	DFND	1 3 4	111,075	0	0
SAGE THERAPEUTICS INC	COM	78667J108	229	7,968	SH	DFND	1 3 4	7,968	0	0
SAIA INC	COM	78709Y105	15,570	211,715	SH	DFND	1 3 4	211,715	0	0
SAILPOINT TECHNLOGIES HLDGS I	COM	78781P105	1,353	88,915	SH	DFND	1 3 4	88,915	0	0
SALESFORCE COM INC	COM	79466L302	363,546	2,524,979	SH	DFND	1 3 4	2,524,979	0	0
SALESFORCE COM INC	COM	79466L302	7,069	49,097	SH	DFND	1 4	49,097	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	108	13,399	SH	DFND	1 4	13,399	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	3,153	390,203	SH	DFND	1 3 4	390,203	0	0
SANDERSON FARMS INC	COM	800013104	309	2,503	SH	DFND	1 4	2,503	0	0
SANDERSON FARMS INC	COM	800013104	7,187	58,280	SH	DFND	1 3 4	58,280	0	0
SANDY SPRING BANCORP INC	COM	800363103	342	15,113	SH	DFND	1 3 4	15,113	0	0
SANFILIPPO JOHN B & SON INC	COM	800422107	6,348	71,003	SH	DFND	1 3 4	71,003	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	114	17,847	SH	DFND	1 3 4	17,847	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	90	14,119	SH	DFND	1 4	14,119	0	0
SANMINA CORPORATION	COM	801056102	14,502	531,614	SH	DFND	1 3 4	531,614	0	0
SANMINA CORPORATION	COM	801056102	285	10,445	SH	DFND	1 4	10,445	0	0
SANTANDER CONSUMER USA HDG I	COM	80283M101	168	12,078	SH	DFND	1 4	12,078	0	0
SAP SE	SPON ADR	803054204	82,473	746,360	SH	DFND	1 3 4	739,456	0	6,904
SAREPTA THERAPEUTICS INC	COM	803607100	785	8,021	SH	DFND	1 4	8,021	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	1,117	11,417	SH	DFND	1 3 4	11,417	0	0
SAUL CTRS INC	COM	804395101	4,047	123,630	SH	DFND	1 3 4	123,630	0	0
SAUL CTRS INC	COM	804395101	34,567	1,055,819	SH	DFND	2 3 4	1,055,819	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	757,574	2,806,145	SH	DFND	1 3 4	2,806,145	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	2,835	10,500	SH	DFND	1 4	10,500	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	1,431	5,300	SH	DFND	2 3 4	5,300	0	0
SCANSOURCE INC	COM	806037107	4,151	194,063	SH	DFND	1 3 4	194,063	0	0
SCHLUMBERGER LTD	COM	806857108	26,921	1,995,645	SH	DFND	1 3 4	1,995,645	0	0
SCHLUMBERGER LTD	COM	806857108	363	26,875	SH	DFND	1 4	26,875	0	0
SCHOLASTIC CORP	COM	807066105	5,944	233,208	SH	DFND	1 3 4	233,208	0	0
SCHWAB CHARLES CORP	COM	808513105	169,193	5,032,498	SH	DFND	1 3 4	5,013,409	0	19,089
SCHWAB CHARLES CORP	COM	808513105	2,520	74,949	SH	DFND	1 4	74,949	0	0

SCHWEITZER-MAUDUIT INTL INC	COM	808541106	6,900	248,039	SH	DFND	1 3 4	248,039	0	0
SCIENCE APPLICATNS INTL CP N	COM	808625107	622	8,337	SH	DFND	1 4	8,337	0	0
SCIENCE APPLICATNS INTL CP N	COM	808625107	10,962	146,878	SH	DFND	1 3 4	146,878	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	1,551	159,851	SH	DFND	1 3 4	159,851	0	0
SCIPLAY CORP	CL A	809087109	166	17,433	SH	DFND	1 3 4	17,433	0	0
SCORPIO BULKERS INC	COM	Y7546A122	27	10,653	SH	DFND	1 4	10,653	0	0
SCOTTS MIRACLE GRO CO	CL A	810186106	11,992	117,114	SH	DFND	1 3 4	117,114	0	0
SCRIPPS E W CO OHIO	CL A NEW	811054402	3,194	423,622	SH	DFND	1 3 4	423,622	0	0
SEA LTD	SPONSORED ADS	81141R100	448	10,111	SH	DFND	1 3 4	10,111	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	7,152	390,580	SH	DFND	1 3 4	390,580	0	0
SEACOR HOLDINGS INC	COM	811904101	3,618	134,210	SH	DFND	1 3 4	134,210	0	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	15,780	323,354	SH	DFND	1 3 4	323,354	0	0
SEALED AIR CORP NEW	COM	81211K100	8,151	329,884	SH	DFND	1 3 4	329,884	0	0
SEALED AIR CORP NEW	COM	81211K100	418	16,917	SH	DFND	1 4	16,917	0	0
SEATTLE GENETICS INC	COM	812578102	1,521	13,183	SH	DFND	1 4	13,183	0	0
SEATTLE GENETICS INC	COM	812578102	8,636	74,843	SH	DFND	1 3 4	74,843	0	0
SEI INVESTMENTS CO	COM	784117103	17,488	377,395	SH	DFND	1 3 4	377,395	0	0
SEI INVESTMENTS CO	COM	784117103	594	12,816	SH	DFND	1 4	12,816	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	3,446	1,066,759	SH	DFND	1 3 4	1,066,759	0	0
SELECT MED HLDGS CORP	COM	81619Q105	12,987	865,830	SH	DFND	1 3 4	865,830	0	0
SELECT MED HLDGS CORP	COM	81619Q105	273	18,183	SH	DFND	1 4	18,183	0	0
SELECTIVE INS GROUP INC	COM	816300107	8,764	176,328	SH	DFND	1 3 4	176,328	0	0
SELECTIVE INS GROUP INC	COM	816300107	309	6,209	SH	DFND	1 4	6,209	0	0
SEMPRA ENERGY	COM	816851109	145,805	1,290,417	SH	DFND	1 3 4	1,288,091	0	2,326
SEMPRA ENERGY	COM	816851109	3,509	31,060	SH	DFND	1 4	31,060	0	0
SEMTECH CORP	COM	816850101	7,342	195,791	SH	DFND	1 3 4	195,791	0	0
SEMTECH CORP	COM	816850101	236	6,291	SH	DFND	1 4	6,291	0	0
SENECA FOODS CORP NEW	CL A	817070501	2,065	51,911	SH	DFND	1 3 4	51,911	0	0
SENSATA TECHNOLOGIES HLDNG P	SHS	G8060N102	662	22,891	SH	DFND	1 4	22,891	0	0
SENSEONICS HLDGS INC	COM	81727U105	19	29,658	SH	DFND	1 3 4	29,658	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	6,545	150,432	SH	DFND	1 3 4	150,432	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	204	4,700	SH	DFND	1 4	4,700	0	0
SERVICE CORP INTL	COM	817565104	21,188	541,756	SH	DFND	1 3 4	541,756	0	0
SERVICE CORP INTL	COM	817565104	731	18,685	SH	DFND	1 4	18,685	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	2,631	487,301	SH	DFND	1 3 4	487,301	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	83	15,358	SH	DFND	1 4	15,358	0	0
SERVICENOW INC	COM	81762P102	3,156	11,013	SH	DFND	1 4	11,013	0	0
SERVICENOW INC	COM	81762P102	92,103	321,387	SH	DFND	1 3 4	321,387	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	38,820	1,324,041	SH	DFND	1 3 4	1,323,248	0	793
SHAKE SHACK INC	CL A	819047101	9,667	256,157	SH	DFND	1 3 4	256,157	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	18,342	372,418	SH	DFND	1 3 4	372,418	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	313	6,357	SH	DFND	1 4	6,357	0	0
SHERWIN WILLIAMS CO	COM	824348106	73,321	159,558	SH	DFND	1 3 4	159,558	0	0

SHERWIN WILLIAMS CO	COM	824348106	3,122	6,793	SH	DFND	1 4	6,793	0	0
SHOE CARNIVAL INC	COM	824889109	1,567	75,452	SH	DFND	1 3 4	75,452	0	0
SHOIFY INC	CL A	82509L107	45,561	109,278	SH	DFND	1 3 4	109,278	0	0
SHUTTERSTOCK INC	COM	825690100	5,194	161,493	SH	DFND	1 3 4	161,493	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	13,178	163,930	SH	DFND	1 3 4	163,930	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	569	7,076	SH	DFND	1 4	7,076	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	2,567	398,036	SH	DFND	1 3 4	398,036	0	0
SILGAN HOLDINGS INC	COM	827048109	238	8,210	SH	DFND	1 4	8,210	0	0
SILGAN HOLDINGS INC	COM	827048109	8,348	287,668	SH	DFND	1 3 4	287,668	0	0
SILICON LABORATORIES INC	COM	826919102	10,978	128,536	SH	DFND	1 3 4	128,536	0	0
SILICON LABORATORIES INC	COM	826919102	354	4,143	SH	DFND	1 4	4,143	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	16,599	902,138	SH	DFND	1 3 4	902,138	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	28,514	519,744	SH	DFND	1 3 4	519,744	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	922	16,812	SH	DFND	1 4	16,812	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	134,477	2,451,346	SH	DFND	2 3 4	2,451,346	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	385	19,970	SH	DFND	1 3 4	19,970	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	20,225	326,308	SH	DFND	1 3 4	326,308	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	387	6,252	SH	DFND	1 4	6,252	0	0
SIMULATIONS PLUS INC	COM	829214105	302	8,659	SH	DFND	1 3 4	8,659	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	1,233	76,703	SH	DFND	1 3 4	76,703	0	0
SIRIUS XM HLDGS INC	COM	82968B103	874	176,988	SH	DFND	1 4	176,988	0	0
SITE CENTERS CORP	COM	82981J109	95	18,323	SH	DFND	1 4	18,323	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	290	3,938	SH	DFND	1 4	3,938	0	0
SITIME CORP	COM	82982T106	6,986	320,900	SH	DFND	1 3 4	320,900	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	2,913	232,325	SH	DFND	1 3 4	232,325	0	0
SJW GROUP	COM	784305104	1,310	22,670	SH	DFND	1 3 4	22,670	0	0
SKECHERS U S A INC	CL A	830566105	9,413	396,489	SH	DFND	1 3 4	396,489	0	0
SKECHERS U S A INC	CL A	830566105	431	18,171	SH	DFND	1 4	18,171	0	0
SKYWEST INC	COM	830879102	10,048	383,650	SH	DFND	1 3 4	383,650	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	2,036	22,777	SH	DFND	1 4	22,777	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	20,704	231,638	SH	DFND	1 3 4	231,638	0	0
SL GREEN RLTY CORP	COM	78440X101	260	6,022	SH	DFND	1 4	6,022	0	0
SL GREEN RLTY CORP	COM	78440X101	4,759	110,412	SH	DFND	1 3 4	110,412	0	0
SLACK TECHNOLOGIES INC	COM CL A	83088V102	123,227	4,591,184	SH	DFND	1 3 4	4,591,184	0	0
SLEEP NUMBER CORP	COM	83125X103	4,158	217,017	SH	DFND	1 3 4	217,017	0	0
SLM CORP	COM	78442P106	8,972	1,247,790	SH	DFND	1 3 4	1,247,790	0	0
SLM CORP	COM	78442P106	321	44,676	SH	DFND	1 4	44,676	0	0
SM ENERGY CO	COM	78454L100	1,078	883,862	SH	DFND	1 3 4	883,862	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	2,825	116,253	SH	DFND	1 3 4	116,253	0	0
SMITH A O CORP	COM	831865209	7,605	201,137	SH	DFND	1 3 4	201,137	0	0
SMITH A O CORP	COM	831865209	356	9,426	SH	DFND	1 4	9,426	0	0
SMUCKER J M CO	COM NEW	832696405	1,006	9,064	SH	DFND	1 4	9,064	0	0
SMUCKER J M CO	COM NEW	832696405	17,128	154,305	SH	DFND	1 3 4	154,305	0	0
SNAP INC	CL A	83304A106	671	56,364	SH	DFND	1 3 4	56,364	0	0
SNAP ON INC	COM	833034101	690	6,341	SH	DFND	1 4	6,341	0	0

SNAP ON INC	COM	833034101	69,194	635,866	SH	DFND	1 3 4	634,047	0	1,819
SOCIEDAD QUIMICA MINERA DE C	SPON ADR SER B	833635105	2,697	119,586	SH	DFND	1 3 4	119,586	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	11,786	143,945	SH	DFND	1 3 4	143,945	0	0
SOLARIS OILFIELD INFRSTR INC	COM CL A	83418M103	88	16,760	SH	DFND	1 3 4	16,760	0	0
SOLARWINDS CORP	COM	83417Q105	17,260	1,101,471	SH	DFND	1 3 4	1,101,471	0	0
SOLARWINDS CORP	COM	83417Q105	195	12,459	SH	DFND	1 4	12,459	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	2,540	191,289	SH	DFND	1 3 4	191,289	0	0
SONOCO PRODS CO	COM	835495102	13,771	297,113	SH	DFND	1 3 4	297,113	0	0
SONOCO PRODS CO	COM	835495102	467	10,084	SH	DFND	1 4	10,084	0	0
SONOS INC	COM	83570H108	87	10,290	SH	DFND	1 4	10,290	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	32	17,584	SH	DFND	1 4	17,584	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	35	19,120	SH	DFND	1 3 4	19,120	0	0
SOUTH JERSEY INDS INC	COM	838518108	17,524	700,970	SH	DFND	1 3 4	700,970	0	0
SOUTH JERSEY INDS INC	COM	838518108	222	8,877	SH	DFND	1 4	8,877	0	0
SOUTH ST CORP	COM	840441109	1,032	17,576	SH	DFND	1 3 4	17,576	0	0
SOUTHERN CO	COM	842587107	77,649	1,434,217	SH	DFND	1 3 4	1,434,217	0	0
SOUTHERN CO	COM	842587107	1,707	31,532	SH	DFND	1 4	31,532	0	0
SOUTHERN COPPER CORP	COM	84265V105	2,740	97,304	SH	DFND	1 3 4	97,304	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	7,656	251,937	SH	DFND	1 3 4	251,937	0	0
SOUTHWEST AIRLS CO	COM	844741108	23,239	652,598	SH	DFND	1 3 4	652,598	0	0
SOUTHWEST AIRLS CO	COM	844741108	1,152	32,341	SH	DFND	1 4	32,341	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	34,098	490,201	SH	DFND	1 3 4	490,201	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	474	6,816	SH	DFND	1 4	6,816	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	106	62,469	SH	DFND	1 4	62,469	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	7,871	4,657,580	SH	DFND	1 3 4	4,657,580	0	0
SPARTANNASH CO	COM	847215100	3,949	275,757	SH	DFND	1 3 4	275,757	0	0
SPDR INDEX SHS FDS	PORTFOLIO EMG MK	78463X509	361	12,668	SH	SOLE		0	0	12,668
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	2,498	80,752	SH	DFND	1 3 4	80,752	0	0
SPDR INDEX SHS FDS	S&P INTL SMLCP	78463X871	312	13,708	SH	SOLE		0	0	13,708
SPDR INDEX SHS FDS	PORTFOLIO DEVLDP	78463X889	1,289	53,861	SH	SOLE		0	0	53,861
SPDR SER TR	NUVEEN BBG BRCLY	78464A284	638	11,661	SH	DFND	1 3 4	11,661	0	0
SPDR SER TR	S&P 600 SMCP VAL	78464A300	361	8,837	SH	SOLE		0	0	8,837
SPDR SER TR	PRTFLO S&P500 VL	78464A508	314	12,135	SH	SOLE		0	0	12,135
SPDR SER TR	PORTFOLIO AGRGTE	78464A649	2,174	71,954	SH	SOLE		0	0	71,954
SPDR SER TR	PORTFOLI S&P1500	78464A805	1,398	44,456	SH	SOLE		0	0	44,456
SPDR SER TR	S&P 400 MDCP VAL	78464A839	313	8,870	SH	SOLE		0	0	8,870
SPDR SER TR	PORTFOLIO SH TSR	78468R101	364	11,855	SH	SOLE		0	0	11,855
SPDR SER TR	BLOOMBERG SRT TR	78468R408	250	10,612	SH	SOLE		0	0	10,612
SPDR SER TR	BLOOMBERG BRCLYS	78468R622	1,895	20,000	SH	DFND	1 3 4	20,000	0	0
SPDR SER TR	NUVEEN BLMBRG SR	78468R739	539	11,019	SH	SOLE		0	0	11,019

SPDR SER TR	PRTFLO S&P500 HI	78468R788	229	9,296	SH	SOLE		0	0	9,296
SPECTRUM BRANDS HLDGS INC NE	COM	84790A105	592	16,273	SH	DFND	1 3 4	16,273	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	2,035	873,580	SH	DFND	1 3 4	873,580	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	32	13,749	SH	DFND	1 4	13,749	0	0
SPIRE INC	COM	84857L101	49,089	659,128	SH	DFND	1 3 4	658,722	0	406
SPIRE INC	COM	84857L101	406	5,457	SH	DFND	1 4	5,457	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	7,788	297,818	SH	DFND	1 3 4	297,818	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	286	10,937	SH	DFND	1 4	10,937	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	2,536	96,993	SH	DFND	2 3 4	96,993	0	0
SPLUNK INC	COM	848637104	532	4,218	SH	DFND	1 4	4,218	0	0
SPOK HLDGS INC	COM	84863T106	1,422	133,030	SH	DFND	1 3 4	133,030	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	1,613	13,286	SH	DFND	1 4	13,286	0	0
SPRINT CORPORATION	COM	85207U105	273	31,626	SH	DFND	1 4	31,626	0	0
SPROUT SOCIAL INC	COM CL A	85209W109	9,064	567,942	SH	DFND	1 3 4	567,942	0	0
SPROUTS FMRS MKT INC	COM	85208M102	8,129	437,287	SH	DFND	1 3 4	437,287	0	0
SPROUTS FMRS MKT INC	COM	85208M102	389	20,905	SH	DFND	1 4	20,905	0	0
SPS COMMERCE INC	COM	78463M107	13,283	285,600	SH	DFND	1 3 4	285,600	0	0
SPS COMMERCE INC	COM	78463M107	258	5,557	SH	DFND	1 4	5,557	0	0
SPX CORP	COM	784635104	11,664	357,349	SH	DFND	1 3 4	357,349	0	0
SPX CORP	COM	784635104	224	6,875	SH	DFND	1 4	6,875	0	0
SPX FLOW INC	COM	78469X107	9,178	322,945	SH	DFND	1 3 4	322,945	0	0
SQUARE INC	CL A	852234103	50,307	960,414	SH	DFND	1 3 4	960,414	0	0
SQUARE INC	CL A	852234103	1,987	37,938	SH	DFND	1 4	37,938	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,282	29,260	SH	DFND	1 4	29,260	0	0
SSGA ACTIVE ETF TR	SPDR TR TACTIC	78467V848	316	6,595	SH	SOLE		0	0	6,595
ST JOE CO	COM	790148100	4,009	238,910	SH	DFND	1 3 4	238,910	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	7,233	224,225	SH	DFND	1 3 4	224,225	0	0
STAG INDL INC	COM	85254J102	958	42,533	SH	DFND	1 3 4	42,533	0	0
STAG INDL INC	COM	85254J102	265	11,774	SH	DFND	1 4	11,774	0	0
STAMPS COM INC	COM NEW	852857200	16,008	123,066	SH	DFND	1 3 4	123,066	0	0
STANDARD MTR PRODS INC	COM	853666105	6,382	153,536	SH	DFND	1 3 4	153,536	0	0
STANDEX INTL CORP	COM	854231107	4,807	98,055	SH	DFND	1 3 4	98,055	0	0
STANLEY BLACK & DECKER INC	COM	854502101	1,467	14,673	SH	DFND	1 4	14,673	0	0
STANLEY BLACK & DECKER INC	COM	854502101	20,594	205,938	SH	DFND	1 3 4	205,938	0	0
STARBUCKS CORP	COM	855244109	190,871	2,903,425	SH	DFND	1 3 4	2,900,549	0	2,876
STARBUCKS CORP	COM	855244109	4,590	69,826	SH	DFND	1 4	69,826	0	0
STARWOOD PPTY TR INC	COM	85571B105	299	29,167	SH	DFND	1 4	29,167	0	0
STATE STR CORP	COM	857477103	26,821	503,491	SH	DFND	1 3 4	503,491	0	0
STATE STR CORP	COM	857477103	1,436	26,955	SH	DFND	1 4	26,955	0	0
STEEL DYNAMICS INC	COM	858119100	16,359	725,757	SH	DFND	1 3 4	725,757	0	0
STEEL DYNAMICS INC	COM	858119100	483	21,418	SH	DFND	1 4	21,418	0	0
STEELCASE INC	CL A	858155203	146	14,745	SH	DFND	1 4	14,745	0	0
STEELCASE INC	CL A	858155203	278	28,156	SH	DFND	1 3 4	28,156	0	0
STEPAN CO	COM	858586100	14,329	161,982	SH	DFND	1 3 4	161,982	0	0
STERICYCLE INC	COM	858912108	13,124	270,153	SH	DFND	1 3 4	270,153	0	0
STERICYCLE INC	COM	858912108	433	8,913	SH	DFND	1 4	8,913	0	0



STERIS PLC	SHS USD	G8473T100	84,714	605,237	SH	DFND	1 3 4	604,883	0	354
STERIS PLC	SHS USD	G8473T100	1,150	8,213	SH	DFND	1 4	8,213	0	0
STERLING BANCORP DEL	COM	85917A100	14,994	1,434,834	SH	DFND	1 3 4	1,434,834	0	0
STERLING BANCORP DEL	COM	85917A100	234	22,355	SH	DFND	1 4	22,355	0	0
STEWART INFORMATION SVCS COR	COM	860372101	4,827	180,987	SH	DFND	1 3 4	180,987	0	0
STIFEL FINL CORP	COM	860630102	25,072	607,358	SH	DFND	1 3 4	607,358	0	0
STIFEL FINL CORP	COM	860630102	299	7,254	SH	DFND	1 4	7,254	0	0
STORE CAP CORP	COM	862121100	408	22,524	SH	DFND	1 4	22,524	0	0
STORE CAP CORP	COM	862121100	243,790	13,454,482	SH	DFND	2 3 4	13,454,482	0	0
STORE CAP CORP	COM	862121100	66,391	3,664,154	SH	DFND	1 3 4	3,652,919	0	11,235
STRATEGIC ED INC	COM	86272C103	286	2,047	SH	DFND	1 4	2,047	0	0
STRATEGIC ED INC	COM	86272C103	23,291	166,660	SH	DFND	1 3 4	166,660	0	0
STRYKER CORP	COM	863667101	72,689	436,594	SH	DFND	1 3 4	436,594	0	0
STRYKER CORP	COM	863667101	3,378	20,292	SH	DFND	1 4	20,292	0	0
STURM RUGER & CO INC	COM	864159108	6,416	126,019	SH	DFND	1 3 4	126,019	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	3,372	798,938	SH	DFND	1 3 4	798,938	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	47	11,207	SH	DFND	1 4	11,207	0	0
SUMMIT MATLS INC	CL A	86614U100	85,826	5,721,691	SH	DFND	1 3 4	5,721,691	0	0
SUMMIT MATLS INC	CL A	86614U100	176	11,749	SH	DFND	1 4	11,749	0	0
SUN CMNTYS INC	COM	866674104	1,164	9,320	SH	DFND	1 4	9,320	0	0
SUN CMNTYS INC	COM	866674104	375,874	3,010,665	SH	DFND	2 3 4	3,010,665	0	0
SUN CMNTYS INC	COM	866674104	13,165	105,449	SH	DFND	1 3 4	105,449	0	0
SUNCOKE ENERGY INC	COM	86722A103	2,537	659,082	SH	DFND	1 3 4	659,082	0	0
SUNRUN INC	COM	86771W105	5,971	591,150	SH	DFND	1 3 4	591,150	0	0
SUNRUN INC	COM	86771W105	111	11,030	SH	DFND	1 4	11,030	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	1,973	226,488	SH	DFND	1 3 4	226,488	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	221	25,380	SH	DFND	1 4	25,380	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	52,336	6,008,795	SH	DFND	2 3 4	6,008,795	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	7,170	398,561	SH	DFND	1 3 4	398,561	0	0
SURGERY PARTNERS INC	COM	86881A100	135	20,629	SH	DFND	1 3 4	20,629	0	0
SURMODICS INC	COM	868873100	3,425	102,790	SH	DFND	1 3 4	102,790	0	0
SVB FINANCIAL GROUP	COM	78486Q101	682	4,512	SH	DFND	1 4	4,512	0	0
SVB FINANCIAL GROUP	COM	78486Q101	10,750	71,152	SH	DFND	1 3 4	71,152	0	0
SWEDISH EXPT CR CORP	ROG TTL ETN 22	870297801	497	136,590	SH	SOLE		0	0	136,590
SWITCH INC	CL A	87105L104	242	16,742	SH	DFND	1 4	16,742	0	0
SWITCH INC	CL A	87105L104	5,199	360,263	SH	DFND	1 3 4	360,263	0	0
SYKES ENTERPRISES INC	COM	871237103	7,939	292,741	SH	DFND	1 3 4	292,741	0	0
SYNAPTICS INC	COM	87157D109	5,734	99,082	SH	DFND	1 3 4	99,082	0	0
SYNAPTICS INC	COM	87157D109	232	4,003	SH	DFND	1 4	4,003	0	0
SYNCHRONY FINL	COM	87165B103	13,676	849,995	SH	DFND	1 3 4	849,995	0	0
SYNCHRONY FINL	COM	87165B103	1,424	88,507	SH	DFND	1 4	88,507	0	0
SYNEOS HEALTH INC	CL A	87166B102	25,557	648,325	SH	DFND	1 3 4	648,325	0	0
SYNEOS HEALTH INC	CL A	87166B102	324	8,213	SH	DFND	1 4	8,213	0	0
SYNNEX CORP	COM	87162W100	22,335	305,532	SH	DFND	1 3 4	305,532	0	0
SYNNEX CORP	COM	87162W100	330	4,512	SH	DFND	1 4	4,512	0	0
SYNOPSIS INC	COM	871607107	31,214	242,360	SH	DFND	1 3 4	242,360	0	0
SYNOPSIS INC	COM	871607107	2,434	18,900	SH	DFND	1 4	18,900	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	8,336	474,707	SH	DFND	1 3 4	474,707	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	277	15,797	SH	DFND	1 4	15,797	0	0

SYSCO CORP	COM	871829107	31,749	695,783	SH	DFND	1 3 4	695,783	0	0
SYSCO CORP	COM	871829107	2,306	50,546	SH	DFND	1 4	50,546	0	0
T MOBILE US INC	COM	872590104	61,036	727,490	SH	DFND	1 3 4	717,795	0	9,695
T MOBILE US INC	COM	872590104	1,396	16,643	SH	DFND	1 4	16,643	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	7,799	149,146	SH	DFND	1 3 4	149,146	0	0
TACTILE SYS TECHNOLOGY INC	COM	87357P100	5,798	144,362	SH	DFND	1 3 4	144,362	0	0
TAILORED BRANDS INC	COM	87403A107	744	427,369	SH	DFND	1 3 4	427,369	0	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	153,252	3,206,763	SH	DFND	1 3 4	3,044,152	0	162,611
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	26,021	219,384	SH	DFND	1 3 4	219,384	0	0
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	1,628	13,726	SH	DFND	1 4	13,726	0	0
TAL EDUCATION GROUP	SPONSORED ADS	874080104	2,597	48,766	SH	DFND	1 3 4	48,766	0	0
TALOS ENERGY INC	COM	87484T108	2,364	411,116	SH	DFND	1 3 4	411,116	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	1,050	16,324	SH	DFND	1 3 4	16,324	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	348	5,406	SH	DFND	1 4	5,406	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	4,372	874,418	SH	DFND	1 3 4	874,418	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	59	11,759	SH	DFND	1 4	11,759	0	0
TAPESTRY INC	COM	876030107	5,201	401,602	SH	DFND	1 3 4	401,602	0	0
TAPESTRY INC	COM	876030107	362	27,935	SH	DFND	1 4	27,935	0	0
TARGA RES CORP	COM	87612G101	12,530	1,813,667	SH	DFND	1 3 4	1,812,245	0	1,422
TARGA RES CORP	COM	87612G101	155	22,450	SH	DFND	1 4	22,450	0	0
TARGET CORP	COM	87612E106	71,316	767,089	SH	DFND	1 3 4	767,089	0	0
TARGET CORP	COM	87612E106	2,166	23,299	SH	DFND	1 4	23,299	0	0
TAUBMAN CTRS INC	COM	876664103	7,579	180,968	SH	DFND	1 3 4	180,968	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	15,656	1,423,298	SH	DFND	1 3 4	1,423,298	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	204	18,577	SH	DFND	1 4	18,577	0	0
TCF FINANCIAL CORPORATION NE	COM	872307103	12,654	558,441	SH	DFND	1 3 4	558,441	0	0
TCF FINANCIAL CORPORATION NE	COM	872307103	258	11,401	SH	DFND	1 4	11,401	0	0
TD AMERITRADE HLDG CORP	COM	87236Y108	707	20,411	SH	DFND	1 3 4	20,411	0	0
TD AMERITRADE HLDG CORP	COM	87236Y108	695	20,053	SH	DFND	1 4	20,053	0	0
TE CONNECTIVITY LTD	REG SHS	H84989104	42,602	676,439	SH	DFND	1 3 4	676,439	0	0
TEAM INC	COM	878155100	1,497	230,363	SH	DFND	1 3 4	230,363	0	0
TECH DATA CORP	COM	878237106	504	3,853	SH	DFND	1 4	3,853	0	0
TECH DATA CORP	COM	878237106	13,818	105,599	SH	DFND	1 3 4	105,599	0	0
TECHNIPFMC PLC	COM	G87110105	3,832	568,540	SH	DFND	1 3 4	568,540	0	0
TECHTARGET INC	COM	87874R100	3,694	179,222	SH	DFND	1 3 4	179,222	0	0
TEGNA INC	COM	87901J105	7,675	706,733	SH	DFND	1 3 4	706,733	0	0
TEGNA INC	COM	87901J105	251	23,121	SH	DFND	1 4	23,121	0	0
TELADOC HEALTH INC	COM	87918A105	21,419	138,179	SH	DFND	1 3 4	138,179	0	0
TELADOC HEALTH INC	COM	87918A105	1,080	6,967	SH	DFND	1 4	6,967	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	42,625	143,388	SH	DFND	1 3 4	143,388	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	1,135	3,819	SH	DFND	1 4	3,819	0	0
TELEFLEX INCORPORATED	COM	879369106	66,604	227,425	SH	DFND	1 3 4	226,128	0	1,297
TELEFLEX INCORPORATED	COM	879369106	1,681	5,741	SH	DFND	1 4	5,741	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	177	10,533	SH	DFND	1 4	10,533	0	0

TELEPHONE & DATA SYS INC	COM NEW	879433829	6,180	368,751	SH	DFND	1 3 4	368,751	0	0
TEMPUR SEALY INTL INC	COM	88023U101	301	6,889	SH	DFND	1 4	6,889	0	0
TEMPUR SEALY INTL INC	COM	88023U101	6,200	141,836	SH	DFND	1 3 4	141,836	0	0
TENCENT MUSIC ENTMT GROUP	SPON ADS	88034P109	6,571	653,199	SH	DFND	1 3 4	653,199	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	5,469	379,792	SH	DFND	1 3 4	379,792	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	247	17,135	SH	DFND	1 4	17,135	0	0
TENNANT CO	COM	880345103	8,317	143,518	SH	DFND	1 3 4	143,518	0	0
TERADATA CORP DEL	COM	88076W103	6,813	332,504	SH	DFND	1 3 4	332,504	0	0
TERADATA CORP DEL	COM	88076W103	381	18,580	SH	DFND	1 4	18,580	0	0
TERADYNE INC	COM	880770102	41,404	764,335	SH	DFND	1 3 4	759,952	0	4,383
TERADYNE INC	COM	880770102	1,203	22,216	SH	DFND	1 4	22,216	0	0
TEREX CORP NEW	COM	880779103	169	11,798	SH	DFND	1 4	11,798	0	0
TEREX CORP NEW	COM	880779103	2,784	193,869	SH	DFND	1 3 4	193,869	0	0
TERRAFORM PWR INC	COM CL A	88104R209	790	50,117	SH	DFND	1 3 4	50,117	0	0
TERRAFORM PWR INC	COM CL A	88104R209	173	10,950	SH	DFND	1 4	10,950	0	0
TERRENO RLTY CORP	COM	88146M101	36,158	698,725	SH	DFND	1 3 4	698,352	0	373
TERRENO RLTY CORP	COM	88146M101	275	5,307	SH	DFND	1 4	5,307	0	0
TERRENO RLTY CORP	COM	88146M101	146,065	2,822,609	SH	DFND	2 3 4	2,822,609	0	0
TESLA INC	COM	88160R101	4,466	8,523	SH	DFND	1 4	8,523	0	0
TETRA TECH INC NEW	COM	88162G103	27,400	387,997	SH	DFND	1 3 4	387,997	0	0
TETRA TECH INC NEW	COM	88162G103	512	7,249	SH	DFND	1 4	7,249	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	305	952,462	SH	DFND	1 3 4	952,462	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	5	14,113	SH	DFND	1 4	14,113	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	570	63,494	SH	DFND	1 4	63,494	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	777	86,570	SH	DFND	1 3 4	86,570	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	3,297	148,724	SH	DFND	1 3 4	148,724	0	0
TEXAS INSTRS INC	COM	882508104	145,346	1,454,481	SH	DFND	1 3 4	1,454,481	0	0
TEXAS INSTRS INC	COM	882508104	5,544	55,482	SH	DFND	1 4	55,482	0	0
TEXAS ROADHOUSE INC	COM	882681109	8,035	194,553	SH	DFND	1 3 4	194,553	0	0
TEXAS ROADHOUSE INC	COM	882681109	375	9,086	SH	DFND	1 4	9,086	0	0
TEXTRON INC	COM	883203101	8,248	309,264	SH	DFND	1 3 4	309,264	0	0
TEXTRON INC	COM	883203101	706	26,489	SH	DFND	1 4	26,489	0	0
TG THERAPEUTICS INC	COM	88322Q108	142	14,475	SH	DFND	1 3 4	14,475	0	0
TG THERAPEUTICS INC	COM	88322Q108	105	10,716	SH	DFND	1 4	10,716	0	0
THE TRADE DESK INC	COM CL A	88339J105	865	4,484	SH	DFND	1 4	4,484	0	0
THERAPEUTICSMD INC	COM	88338N107	37	35,212	SH	DFND	1 3 4	35,212	0	0
THERAVANCE BIOPHARMA INC	COM	G8807B106	200	8,640	SH	DFND	1 3 4	8,640	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	221,447	780,842	SH	DFND	1 3 4	778,428	0	2,414
THERMO FISHER SCIENTIFIC INC	COM	883556102	5,253	18,523	SH	DFND	1 4	18,523	0	0
THIRD PT REINS LTD	COM	G8827U100	4,502	607,612	SH	DFND	1 3 4	607,612	0	0
THIRD PT REINS LTD	COM	G8827U100	79	10,668	SH	DFND	1 4	10,668	0	0
THOR INDS INC	COM	885160101	6,894	163,446	SH	DFND	1 3 4	163,446	0	0
THOR INDS INC	COM	885160101	234	5,542	SH	DFND	1 4	5,542	0	0
TIFFANY & CO NEW	COM	886547108	18,913	146,043	SH	DFND	1 3 4	146,043	0	0
TIFFANY & CO NEW	COM	886547108	1,180	9,112	SH	DFND	1 4	9,112	0	0
TIMKEN CO	COM	887389104	8,068	249,465	SH	DFND	1 3 4	249,465	0	0
TIMKEN CO	COM	887389104	239	7,378	SH	DFND	1 4	7,378	0	0
TIMKENSTEEL CORP	COM	887399103	978	302,635	SH	DFND	1 3 4	302,635	0	0

TITAN INTL INC ILL	COM	88830M102	588	379,636	SH	DFND	1 3 4	379,636	0	0
TIVITY HEALTH INC	COM	88870R102	2,061	327,706	SH	DFND	1 3 4	327,706	0	0
TIVO CORP	COM	88870P106	6,803	960,820	SH	DFND	1 3 4	960,820	0	0
TJX COS INC NEW	COM	872540109	88,952	1,860,525	SH	DFND	1 3 4	1,860,525	0	0
TJX COS INC NEW	COM	872540109	5,328	111,451	SH	DFND	1 4	111,451	0	0
TOLL BROTHERS INC	COM	889478103	7,668	398,339	SH	DFND	1 3 4	398,339	0	0
TOLL BROTHERS INC	COM	889478103	247	12,851	SH	DFND	1 4	12,851	0	0
TOMPKINS FINANCIAL CORPORATI	COM	890110109	6,683	93,076	SH	DFND	1 3 4	93,076	0	0
TOOTSIE ROLL INDS INC	COM	890516107	2,082	57,910	SH	DFND	1 3 4	57,910	0	0
TOPBUILD CORP	COM	89055F103	20,105	280,644	SH	DFND	1 3 4	280,644	0	0
TOPBUILD CORP	COM	89055F103	335	4,681	SH	DFND	1 4	4,681	0	0
TORO CO	COM	891092108	20,659	317,397	SH	DFND	1 3 4	317,397	0	0
TORO CO	COM	891092108	897	13,774	SH	DFND	1 4	13,774	0	0
TPG RE FIN TR INC	COM	87266M107	373	68,010	SH	DFND	1 3 4	68,010	0	0
TRACTOR SUPPLY CO	COM	892356106	15,938	188,500	SH	DFND	1 3 4	188,500	0	0
TRACTOR SUPPLY CO	COM	892356106	1,313	15,525	SH	DFND	1 4	15,525	0	0
TRADEWEB MKTS INC	CL A	892672106	1,938	46,101	SH	DFND	1 3 4	46,101	0	0
TRANSDIGM GROUP INC	COM	893641100	719,394	2,246,772	SH	DFND	1 3 4	2,246,772	0	0
TRANSDIGM GROUP INC	COM	893641100	1,754	5,477	SH	DFND	1 4	5,477	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	1,975	1,702,729	SH	DFND	1 3 4	1,702,729	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	48	41,405	SH	DFND	1 4	41,405	0	0
TRANSUNION	COM	89400J107	332,992	5,031,611	SH	DFND	1 3 4	5,031,611	0	0
TRANSUNION	COM	89400J107	1,578	23,837	SH	DFND	1 4	23,837	0	0
TRAVELERS COMPANIES INC	COM	89417E109	35,524	357,562	SH	DFND	1 3 4	357,562	0	0
TRAVELERS COMPANIES INC	COM	89417E109	1,797	18,083	SH	DFND	1 4	18,083	0	0
TREDEGAR CORP	COM	894650100	3,046	194,883	SH	DFND	1 3 4	194,883	0	0
TREEHOUSE FOODS INC	COM	89469A104	378	8,551	SH	DFND	1 4	8,551	0	0
TREEHOUSE FOODS INC	COM	89469A104	8,445	191,284	SH	DFND	1 3 4	191,284	0	0
TREX CO INC	COM	89531P105	13,817	172,415	SH	DFND	1 3 4	172,415	0	0
TREX CO INC	COM	89531P105	454	5,667	SH	DFND	1 4	5,667	0	0
TRI POINTE GROUP INC	COM	87265H109	4,473	509,980	SH	DFND	1 3 4	509,980	0	0
TRI POINTE GROUP INC	COM	87265H109	140	15,971	SH	DFND	1 4	15,971	0	0
TRICO BANCSHARES	COM	896095106	266	8,914	SH	DFND	1 3 4	8,914	0	0
TRIMAS CORP	COM NEW	896215209	349	15,126	SH	DFND	1 3 4	15,126	0	0
TRIMBLE INC	COM	896239100	23,465	737,199	SH	DFND	1 3 4	737,199	0	0
TRIMBLE INC	COM	896239100	859	26,985	SH	DFND	1 4	26,985	0	0
TRINET GROUP INC	COM	896288107	246	6,538	SH	DFND	1 4	6,538	0	0
TRINITY INDS INC	COM	896522109	4,662	290,085	SH	DFND	1 3 4	290,085	0	0
TRINSEO S A	SHS	L9340P101	8,271	456,753	SH	DFND	1 3 4	456,753	0	0
TRIP COM GROUP LTD	ADS	89677Q107	241	10,277	SH	DFND	1 3 4	10,277	0	0
TRIPADVISOR INC	COM	896945201	5,435	312,515	SH	DFND	1 3 4	312,515	0	0
TRIPADVISOR INC	COM	896945201	268	15,427	SH	DFND	1 4	15,427	0	0
TRIPLE-S MGMT CORP	CL B	896749108	242	17,178	SH	DFND	1 3 4	17,178	0	0
TRITON INTL LTD	CL A	G9078F107	780	30,155	SH	DFND	1 3 4	30,155	0	0
TRIUMPH BANCORP INC	COM	89679E300	4,602	176,997	SH	DFND	1 3 4	176,997	0	0
TRIUMPH GROUP INC NEW	COM	896818101	2,569	379,983	SH	DFND	1 3 4	379,983	0	0
TRUEBLUE INC	COM	89785X101	3,776	295,942	SH	DFND	1 3 4	295,942	0	0
TRUECAR INC	COM	89785L107	35	14,651	SH	DFND	1 4	14,651	0	0
TRUIST FINL CORP	COM	89832Q109	135,698	4,400,053	SH	DFND	1 3 4	4,393,557	0	6,496
TRUIST FINL CORP	COM	89832Q109	799	25,916	SH	DFND	1 4	25,916	0	0
TRUSTCO BK CORP N Y	COM	898349105	4,017	742,532	SH	DFND	1 3 4	742,532	0	0
TRUSTCO BK CORP N Y	COM	898349105	76	14,121	SH	DFND	1 4	14,121	0	0
TRUSTMARK CORP	COM	898402102	5,101	218,923	SH	DFND	1 3 4	218,923	0	0
TTEC HLDGS INC	COM	89854H102	5,251	142,993	SH	DFND	1 3 4	142,993	0	0
TTM TECHNOLOGIES INC	COM	87305R109	7,696	744,339	SH	DFND	1 3 4	744,339	0	0
TUPPERWARE BRANDS	COM	899896104	601	370,986	SH	DFND	1 3 4	370,986	0	0

CORP										
TURNING POINT THERAPEUTICS I	COM	90041T108	241	5,404	SH	DFND	1 3 4	5,404	0	0
TURNING PT BRANDS INC	COM	90041L105	270	12,799	SH	DFND	1 3 4	12,799	0	0
TWILIO INC	CL A	90138F102	296	3,308	SH	DFND	1 4	3,308	0	0
TWIN RIV WORLDWIDE HLDGS INC	COM	90171V204	184	14,172	SH	DFND	1 3 4	14,172	0	0
TWITTER INC	COM	90184L102	25,952	1,056,689	SH	DFND	1 3 4	1,056,689	0	0
TWITTER INC	COM	90184L102	2,192	89,252	SH	DFND	1 4	89,252	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	2,348	616,295	SH	DFND	1 3 4	616,295	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	121	31,796	SH	DFND	1 4	31,796	0	0
TYLER TECHNOLOGIES INC	COM	902252105	1,536	5,179	SH	DFND	1 4	5,179	0	0
TYLER TECHNOLOGIES INC	COM	902252105	37,525	126,533	SH	DFND	1 3 4	126,436	0	97
TYSON FOODS INC	CL A	902494103	161,507	2,790,863	SH	DFND	1 3 4	2,785,218	0	5,645
TYSON FOODS INC	CL A	902494103	1,884	32,550	SH	DFND	1 4	32,550	0	0
U S CONCRETE INC	COM NEW	90333L201	2,183	120,354	SH	DFND	1 3 4	120,354	0	0
U S PHYSICAL THERAPY INC	COM	90337L108	7,293	105,690	SH	DFND	1 3 4	105,690	0	0
U S SILICA HLDGS INC	COM	90346E103	1,005	558,147	SH	DFND	1 3 4	558,147	0	0
UBER TECHNOLOGIES INC	COM	90353T100	5,644	202,154	SH	DFND	1 3 4	202,154	0	0
UBER TECHNOLOGIES INC	COM	90353T100	457	16,381	SH	DFND	1 4	16,381	0	0
UBIQUITI INC	COM	90353W103	248	1,749	SH	DFND	1 4	1,749	0	0
UBIQUITI INC	COM	90353W103	284	2,008	SH	DFND	1 3 4	2,008	0	0
UDR INC	COM	902653104	3,036	83,081	SH	DFND	2 3 4	83,081	0	0
UDR INC	COM	902653104	932	25,503	SH	DFND	1 4	25,503	0	0
UDR INC	COM	902653104	14,514	397,202	SH	DFND	1 3 4	397,202	0	0
UGI CORP NEW	COM	902681105	16,491	618,340	SH	DFND	1 3 4	618,340	0	0
UGI CORP NEW	COM	902681105	756	28,331	SH	DFND	1 4	28,331	0	0
ULTA BEAUTY INC	COM	90384S303	13,653	77,704	SH	DFND	1 3 4	77,704	0	0
ULTA BEAUTY INC	COM	90384S303	387	2,200	SH	DFND	1 4	2,200	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	4,464	323,458	SH	DFND	1 3 4	323,458	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	404	9,089	SH	DFND	1 3 4	9,089	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	308	6,935	SH	DFND	1 4	6,935	0	0
UMB FINL CORP	COM	902788108	5,922	127,679	SH	DFND	1 3 4	127,679	0	0
UMB FINL CORP	COM	902788108	226	4,875	SH	DFND	1 4	4,875	0	0
UMPQUA HLDGS CORP	COM	904214103	7,119	653,087	SH	DFND	1 3 4	653,087	0	0
UMPQUA HLDGS CORP	COM	904214103	259	23,792	SH	DFND	1 4	23,792	0	0
UNDER ARMOUR INC	CL A	904311107	96	10,419	SH	DFND	1 4	10,419	0	0
UNDER ARMOUR INC	CL A	904311107	2,376	257,990	SH	DFND	1 3 4	257,990	0	0
UNDER ARMOUR INC	CL C	904311206	2,151	266,832	SH	DFND	1 3 4	266,832	0	0
UNDER ARMOUR INC	CL C	904311206	101	12,531	SH	DFND	1 4	12,531	0	0
UNIFI INC	COM NEW	904677200	1,280	110,854	SH	DFND	1 3 4	110,854	0	0
UNIFIRST CORP MASS	COM	904708104	19,645	130,021	SH	DFND	1 3 4	130,021	0	0
UNIFIRST CORP MASS	COM	904708104	245	1,624	SH	DFND	1 4	1,624	0	0
UNILEVER N V	N Y SHS NEW	904784709	422	8,640	SH	DFND	1 3 4	640	0	8,000
UNION PAC CORP	COM	907818108	249,572	1,769,514	SH	DFND	1 3 4	1,767,817	0	1,697
UNION PAC CORP	COM	907818108	8,270	58,639	SH	DFND	1 4	58,639	0	0
UNIQUIRE NV	SHS	N90064101	278	5,856	SH	DFND	1 3 4	5,856	0	0
UNISYS CORP	COM NEW	909214306	4,852	392,904	SH	DFND	1 3 4	392,904	0	0
UNITED AIRLS HLDGS INC	COM	910047109	9,300	294,774	SH	DFND	1 3 4	294,774	0	0
UNITED AIRLS HLDGS INC	COM	910047109	775	24,550	SH	DFND	1 4	24,550	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	6,939	300,670	SH	DFND	1 3 4	300,670	0	0
UNITED CMNTY BKS	COM	90984P303	25,653	1,401,009	SH	DFND	1 3 4	1,401,009	0	0

BLAIRSVLE G										
UNITED FIRE GROUP INC	COM	910340108	5,264	161,426	SH	DFND	1 3 4	161,426	0	0
UNITED INS HLDGS CORP	COM	910710102	1,455	157,441	SH	DFND	1 3 4	157,441	0	0
UNITED NAT FOODS INC	COM	911163103	3,718	405,063	SH	DFND	1 3 4	405,063	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	88,890	951,509	SH	DFND	1 3 4	951,509	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	3,860	41,314	SH	DFND	1 4	41,314	0	0
UNITED RENTALS INC	COM	911363109	10,475	101,800	SH	DFND	1 3 4	101,800	0	0
UNITED RENTALS INC	COM	911363109	1,050	10,206	SH	DFND	1 4	10,206	0	0
UNITED STATES CELLULAR CORP	COM	911684108	440	15,011	SH	DFND	1 3 4	15,011	0	0
UNITED STATES STL CORP NEW	COM	912909108	3,177	503,501	SH	DFND	1 3 4	503,501	0	0
UNITED STATES STL CORP NEW	COM	912909108	131	20,764	SH	DFND	1 4	20,764	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	2,018	21,391	SH	DFND	1 4	21,391	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	123,515	1,309,394	SH	DFND	1 3 4	1,309,394	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	397	4,187	SH	DFND	1 4	4,187	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	15,421	162,631	SH	DFND	1 3 4	162,631	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	375,499	1,505,731	SH	DFND	1 3 4	1,504,050	0	1,681
UNITEDHEALTH GROUP INC	COM	91324P102	20,179	80,918	SH	DFND	1 4	80,918	0	0
UNITI GROUP INC	COM	91325V108	8,842	1,466,355	SH	DFND	1 3 4	1,466,355	0	0
UNITI GROUP INC	COM	91325V108	108	17,868	SH	DFND	1 4	17,868	0	0
UNITIL CORP	COM	913259107	14,523	277,601	SH	DFND	1 3 4	277,352	0	249
UNIVAR SOLUTIONS INC	COM	91336L107	145	13,491	SH	DFND	1 4	13,491	0	0
UNIVERSAL CORP VA	COM	913456109	8,320	188,188	SH	DFND	1 3 4	188,188	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	16,516	125,329	SH	DFND	1 3 4	125,329	0	0
UNIVERSAL ELECTRS INC	COM	913483103	4,054	105,667	SH	DFND	1 3 4	105,667	0	0
UNIVERSAL FST PRODS INC	COM	913543104	18,184	488,956	SH	DFND	1 3 4	488,956	0	0
UNIVERSAL FST PRODS INC	COM	913543104	333	8,945	SH	DFND	1 4	8,945	0	0
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	9,693	96,153	SH	DFND	1 3 4	96,153	0	0
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	233	2,307	SH	DFND	1 4	2,307	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	905	9,139	SH	DFND	1 4	9,139	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	41,920	423,095	SH	DFND	1 3 4	419,926	0	3,169
UNIVERSAL INS HLDGS INC	COM	91359V107	4,160	232,122	SH	DFND	1 3 4	232,122	0	0
UNIVEST FINANCIAL CORPORATIO	COM	915271100	187	11,453	SH	DFND	1 3 4	11,453	0	0
UNUM GROUP	COM	91529Y106	5,085	338,744	SH	DFND	1 3 4	338,744	0	0
UNUM GROUP	COM	91529Y106	331	22,038	SH	DFND	1 4	22,038	0	0
URANIUM ENERGY CORP	COM	916896103	13	23,877	SH	DFND	1 4	23,877	0	0
URBAN EDGE PPTYS	COM	91704F104	2,999	340,370	SH	DFND	1 3 4	340,370	0	0
URBAN OUTFITTERS INC	COM	917047102	3,151	221,306	SH	DFND	1 3 4	221,306	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	3,202	227,087	SH	DFND	1 3 4	227,087	0	0
US BANCORP DEL	COM NEW	902973304	176,199	5,114,621	SH	DFND	1 3 4	5,106,989	0	7,632
US BANCORP DEL	COM NEW	902973304	953	27,671	SH	DFND	1 4	27,671	0	0
US ECOLOGY INC	COM	91734M103	5,869	193,071	SH	DFND	1 3 4	193,071	0	0

US FOODS HLDG CORP	COM	912008109	390	22,015	SH	DFND	1 4	22,015	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	6,024	104,294	SH	DFND	1 3 4	104,294	0	0
V F CORP	COM	918204108	100,919	1,866,115	SH	DFND	1 3 4	1,862,535	0	3,580
V F CORP	COM	918204108	1,394	25,775	SH	DFND	1 4	25,775	0	0
VAIL RESORTS INC	COM	91879Q109	757	5,128	SH	DFND	1 4	5,128	0	0
VAIL RESORTS INC	COM	91879Q109	252,378	1,708,599	SH	DFND	1 3 4	1,708,599	0	0
VALARIS PLC	SHS CLASS A	G9402V109	676	1,501,262	SH	DFND	1 3 4	1,501,262	0	0
VALE S A	SPONSORED ADS	91912E105	2,764	333,424	SH	DFND	1 3 4	333,424	0	0
VALERO ENERGY CORP	COM	91913Y100	39,897	879,569	SH	DFND	1 3 4	874,115	0	5,454
VALERO ENERGY CORP	COM	91913Y100	519	11,450	SH	DFND	1 4	11,450	0	0
VALLEY NATL BANCORP	COM	919794107	8,491	1,161,533	SH	DFND	1 3 4	1,161,533	0	0
VALLEY NATL BANCORP	COM	919794107	306	41,826	SH	DFND	1 4	41,826	0	0
VALMONT INDS INC	COM	920253101	249	2,346	SH	DFND	1 4	2,346	0	0
VALMONT INDS INC	COM	920253101	6,756	63,750	SH	DFND	1 3 4	63,750	0	0
VALVOLINE INC	COM	92047W101	7,311	558,521	SH	DFND	1 3 4	558,521	0	0
VALVOLINE INC	COM	92047W101	263	20,105	SH	DFND	1 4	20,105	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	4,278	412,975	SH	DFND	1 3 4	412,975	0	0
VANECK VECTORS ETF TR	HIGH YLD MUN ETF	92189H409	436	8,338	SH	DFND	1 3 4	8,338	0	0
VANGUARD BD INDEX FDS	SHORT TRM BOND	921937827	680	8,270	SH	SOLE		0	0	8,270
VANGUARD BD INDEX FDS	TOTAL BND MRKT	921937835	505	5,921	SH	SOLE		0	0	5,921
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	266	4,727	SH	SOLE		0	0	4,727
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	5,293	22,350	SH	SOLE		0	0	22,350
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	2,580	36,932	SH	DFND	2 3 4	36,932	0	0
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	913	13,078	SH	SOLE		0	0	13,078
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	683	7,694	SH	DFND	1 3 4	7,694	0	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	4,484	34,060	SH	DFND	1 3 4	34,060	0	0
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	462	3,585	SH	SOLE		0	0	3,585
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	1,551	46,241	SH	SOLE		0	0	46,241
VANGUARD TAX-MANAGED INTL FD	FTSE DEV MKT ETF	921943858	5,684	170,482	SH	SOLE		0	0	170,482
VANGUARD WORLD FDS	HEALTH CAR ETF	92204A504	554	3,338	SH	SOLE		0	0	3,338
VAREX IMAGING CORP	COM	92214X106	6,891	303,439	SH	DFND	1 3 4	303,439	0	0
VARIAN MED SYS INC	COM	92220P105	43,951	428,123	SH	DFND	1 3 4	424,845	0	3,278
VARIAN MED SYS INC	COM	92220P105	1,192	11,612	SH	DFND	1 4	11,612	0	0
VBI VACCINES INC	COM NEW	91822J103	17	17,658	SH	DFND	1 4	17,658	0	0
VECTOR GROUP LTD	COM	92240M108	8,250	875,756	SH	DFND	1 3 4	875,756	0	0
VECTOR GROUP LTD	COM	92240M108	160	16,946	SH	DFND	1 4	16,946	0	0
VECTRUS INC	COM	92242T101	236	5,708	SH	DFND	1 3 4	5,708	0	0
VEECO INSTRS INC DEL	COM	922417100	3,551	371,015	SH	DFND	1 3 4	371,015	0	0
VEEVA SYS INC	CL A COM	922475108	2,258	14,438	SH	DFND	1 4	14,438	0	0
VEEVA SYS INC	CL A COM	922475108	289	1,850	SH	DFND	1 3 4	1,850	0	0
VENTAS INC	COM	92276F100	517	19,300	SH	DFND	2 3 4	19,300	0	0
VENTAS INC	COM	92276F100	1,038	38,726	SH	DFND	1 4	38,726	0	0
VENTAS INC	COM	92276F100	13,528	504,783	SH	DFND	1 3 4	504,783	0	0
VERA BRADLEY INC	COM	92335C106	733	177,929	SH	DFND	1 3 4	177,929	0	0
VERACYTE INC	COM	92337F107	941	38,698	SH	DFND	1 3 4	38,698	0	0
VEREIT INC	COM	92339V100	627	128,151	SH	DFND	1 4	128,151	0	0
VERINT SYS INC	COM	92343X100	408	9,493	SH	DFND	1 4	9,493	0	0

VERISIGN INC	COM	92343E102	1,943	10,787	SH	DFND	1 4	10,787	0	0
VERISIGN INC	COM	92343E102	471,607	2,618,728	SH	DFND	1 3 4	2,618,728	0	0
VERISK ANALYTICS INC	COM	92345Y106	354,586	2,544,022	SH	DFND	1 3 4	2,544,022	0	0
VERISK ANALYTICS INC	COM	92345Y106	2,477	17,772	SH	DFND	1 4	17,772	0	0
VERITEX HLDGS INC	COM	923451108	5,402	386,657	SH	DFND	1 3 4	386,657	0	0
VERITIV CORP	COM	923454102	758	96,493	SH	DFND	1 3 4	96,493	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	565,048	10,516,434	SH	DFND	1 3 4	10,507,286	0	9,148
VERIZON COMMUNICATIONS INC	COM	92343V104	6,246	116,244	SH	DFND	1 4	116,244	0	0
VERRA MOBILITY CORP	COM	92511U102	174	24,433	SH	DFND	1 4	24,433	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	82,843	348,155	SH	DFND	1 3 4	348,155	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	4,876	20,490	SH	DFND	1 4	20,490	0	0
VIACOMCBS INC	CL B	92556H206	10,349	738,660	SH	DFND	1 3 4	738,660	0	0
VIACOMCBS INC	CL B	92556H206	951	67,906	SH	DFND	1 4	67,906	0	0
VIAD CORP	COM NEW	92552R406	3,411	160,680	SH	DFND	1 3 4	160,680	0	0
VIASAT INC	COM	92552V100	6,146	171,114	SH	DFND	1 3 4	171,114	0	0
VIAVI SOLUTIONS INC	COM	925550105	21,982	1,960,873	SH	DFND	1 3 4	1,960,873	0	0
VIAVI SOLUTIONS INC	COM	925550105	368	32,835	SH	DFND	1 4	32,835	0	0
VICI PPTYS INC	COM	925652109	4,963	298,272	SH	DFND	1 3 4	298,272	0	0
VICI PPTYS INC	COM	925652109	934	56,157	SH	DFND	1 4	56,157	0	0
VICI PPTYS INC	COM	925652109	152,884	9,187,951	SH	DFND	2 3 4	9,187,951	0	0
VICOR CORP	COM	925815102	6,195	139,089	SH	DFND	1 3 4	139,089	0	0
VICTORY CAP HLDGS INC	COM CL A	92645B103	166	10,153	SH	DFND	1 3 4	10,153	0	0
VIEWRAY INC	COM	92672L107	36	14,376	SH	DFND	1 3 4	14,376	0	0
VIKING THERAPEUTICS INC	COM	92686J106	49	10,541	SH	DFND	1 3 4	10,541	0	0
VIPSHOP HLDGS LTD	SPONSORED ADS A	92763W103	136,228	8,743,765	SH	DFND	1 3 4	8,649,843	0	93,922
VIRTU FINL INC	CL A	928254101	1,611	77,387	SH	DFND	1 3 4	77,387	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	4,228	55,552	SH	DFND	1 3 4	55,552	0	0
VIRTUSA CORP	COM	92827P102	6,781	238,768	SH	DFND	1 3 4	238,768	0	0
VISA INC	COM CL A	92826C839	673,593	4,180,694	SH	DFND	1 3 4	4,175,837	0	4,857
VISA INC	COM CL A	92826C839	25,269	156,836	SH	DFND	1 4	156,836	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	16,918	1,174,078	SH	DFND	1 3 4	1,174,078	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	224	15,541	SH	DFND	1 4	15,541	0	0
VISTA OUTDOOR INC	COM	928377100	3,861	438,719	SH	DFND	1 3 4	438,719	0	0
VISTEON CORP	COM NEW	92839U206	10,457	217,935	SH	DFND	1 3 4	217,935	0	0
VISTRA ENERGY CORP	COM	92840M102	877	54,979	SH	DFND	1 4	54,979	0	0
VMWARE INC	CL A COM	928563402	859	7,097	SH	DFND	1 4	7,097	0	0
VONAGE HLDGS CORP	COM	92886T201	12,510	1,730,328	SH	DFND	1 3 4	1,730,328	0	0
VONAGE HLDGS CORP	COM	92886T201	205	28,298	SH	DFND	1 4	28,298	0	0
VORNADO RLTY TR	SH BEN INT	929042109	41,592	1,148,629	SH	DFND	1 3 4	1,148,629	0	0
VORNADO RLTY TR	SH BEN INT	929042109	774	21,375	SH	DFND	1 4	21,375	0	0
VOYA FINANCIAL INC	COM	929089100	216	5,323	SH	DFND	1 3 4	5,323	0	0
VOYA FINANCIAL INC	COM	929089100	679	16,754	SH	DFND	1 4	16,754	0	0
VULCAN MATLS CO	COM	929160109	502,482	4,649,598	SH	DFND	1 3 4	4,649,598	0	0
VULCAN MATLS CO	COM	929160109	1,660	15,363	SH	DFND	1 4	15,363	0	0
WABASH NATL CORP	COM	929566107	2,967	410,948	SH	DFND	1 3 4	410,948	0	0
WABCO HLDGS INC	COM	92927K102	823	6,094	SH	DFND	1 4	6,094	0	0
WABTEC	COM	929740108	11,868	246,584	SH	DFND	1 3 4	246,584	0	0
WABTEC	COM	929740108	851	17,691	SH	DFND	1 4	17,691	0	0
WADDELL & REED FINL INC	CL A	930059100	7,024	617,237	SH	DFND	1 3 4	617,237	0	0



WALGREENS BOOTS ALLIANCE INC	COM	931427108	51,299	1,121,298	SH	DFND	1 3 4	1,121,298	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	1,039	22,721	SH	DFND	1 4	22,721	0	0
WALKER & DUNLOP INC	COM	93148P102	8,806	218,663	SH	DFND	1 3 4	218,663	0	0
WALMART INC	COM	931142103	247,275	2,176,329	SH	DFND	1 3 4	2,176,329	0	0
WALMART INC	COM	931142103	4,222	37,159	SH	DFND	1 4	37,159	0	0
WARRIOR MET COAL INC	COM	93627C101	4,904	461,735	SH	DFND	1 3 4	461,735	0	0
WASHINGTON FED INC	COM	938824109	25,634	987,441	SH	DFND	1 3 4	976,138	0	11,303
WASHINGTON PRIME GROUP NEW	COM	93964W108	1,140	1,415,706	SH	DFND	1 3 4	1,415,706	0	0
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	14,596	611,459	SH	DFND	1 3 4	611,459	0	0
WASHINGTON TR BANCORP	COM	940610108	37,016	1,012,542	SH	DFND	1 3 4	1,011,728	0	814
WASTE CONNECTIONS INC	COM	94106B101	15,651	201,952	SH	DFND	1 3 4	191,938	0	10,014
WASTE MGMT INC DEL	COM	94106L109	3,200	34,573	SH	DFND	1 4	34,573	0	0
WASTE MGMT INC DEL	COM	94106L109	49,243	532,007	SH	DFND	1 3 4	532,007	0	0
WATERS CORP	COM	941848103	1,317	7,233	SH	DFND	1 4	7,233	0	0
WATERS CORP	COM	941848103	16,207	89,025	SH	DFND	1 3 4	89,025	0	0
WATSCO INC	COM	942622200	15,279	96,685	SH	DFND	1 3 4	96,685	0	0
WATSCO INC	COM	942622200	431	2,729	SH	DFND	1 4	2,729	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	21,368	252,430	SH	DFND	1 3 4	252,430	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	274	3,241	SH	DFND	1 4	3,241	0	0
WD-40 CO	COM	929236107	22,265	110,855	SH	DFND	1 3 4	110,855	0	0
WD-40 CO	COM	929236107	265	1,319	SH	DFND	1 4	1,319	0	0
WEBSTER FINL CORP CONN	COM	947890109	6,229	272,006	SH	DFND	1 3 4	272,006	0	0
WEC ENERGY GROUP INC	COM	92939U106	139,116	1,578,531	SH	DFND	1 3 4	1,575,396	0	3,135
WEC ENERGY GROUP INC	COM	92939U106	2,090	23,712	SH	DFND	1 4	23,712	0	0
WEIBO CORP	SPONSORED ADR	948596101	325	9,816	SH	DFND	1 3 4	0	0	9,816
WEINGARTEN RLTY INVS	SH BEN INT	948741103	6,508	450,976	SH	DFND	1 3 4	450,976	0	0
WEINGARTEN RLTY INVS	SH BEN INT	948741103	204	14,156	SH	DFND	1 4	14,156	0	0
WELBILT INC	COM	949090104	89	17,289	SH	DFND	1 4	17,289	0	0
WELLS FARGO CO NEW	COM	949746101	3,086	107,534	SH	DFND	1 4	107,534	0	0
WELLS FARGO CO NEW	COM	949746101	166,216	5,791,492	SH	DFND	1 3 4	5,791,492	0	0
WELLTOWER INC	COM	95040Q104	229,917	5,022,408	SH	DFND	2 3 4	5,022,408	0	0
WELLTOWER INC	COM	95040Q104	1,814	39,627	SH	DFND	1 4	39,627	0	0
WELLTOWER INC	COM	95040Q104	39,302	858,489	SH	DFND	1 3 4	858,489	0	0
WENDYS CO	COM	95058W100	8,112	545,134	SH	DFND	1 3 4	545,134	0	0
WENDYS CO	COM	95058W100	394	26,499	SH	DFND	1 4	26,499	0	0
WERNER ENTERPRISES INC	COM	950755108	6,661	183,688	SH	DFND	1 3 4	183,688	0	0
WESBANCO INC	COM	950810101	310	13,061	SH	DFND	1 3 4	13,061	0	0
WESCO INTL INC	COM	95082P105	830	36,309	SH	DFND	1 3 4	36,309	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	33,369	219,171	SH	DFND	1 3 4	219,171	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	1,364	8,959	SH	DFND	1 4	8,959	0	0
WESTAMERICA BANCORPORATION	COM	957090103	12,082	205,542	SH	DFND	1 3 4	205,542	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	287	9,392	SH	DFND	1 3 4	9,392	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	323	10,563	SH	DFND	1 4	10,563	0	0

WESTERN DIGITAL CORP.	COM	958102105	21,385	513,815	SH	DFND	1 3 4	513,815	0	0
WESTERN DIGITAL CORP.	COM	958102105	1,249	29,999	SH	DFND	1 4	29,999	0	0
WESTERN UN CO	COM	959802109	10,672	588,615	SH	DFND	1 3 4	588,615	0	0
WESTERN UN CO	COM	959802109	1,009	55,638	SH	DFND	1 4	55,638	0	0
WESTROCK CO	COM	96145D105	13,780	487,616	SH	DFND	1 3 4	487,616	0	0
WESTROCK CO	COM	96145D105	823	29,118	SH	DFND	1 4	29,118	0	0
WEX INC	COM	96208T104	13,378	127,961	SH	DFND	1 3 4	127,961	0	0
WEX INC	COM	96208T104	603	5,768	SH	DFND	1 4	5,768	0	0
WEYERHAEUSER CO	COM	962166104	21,001	1,239,035	SH	DFND	1 3 4	1,239,035	0	0
WEYERHAEUSER CO	COM	962166104	1,260	74,319	SH	DFND	1 4	74,319	0	0
WEYERHAEUSER CO	COM	962166104	53,251	3,141,642	SH	DFND	2 3 4	3,141,642	0	0
WHIRLPOOL CORP	COM	963320106	623	7,257	SH	DFND	1 4	7,257	0	0
WHIRLPOOL CORP	COM	963320106	7,453	86,868	SH	DFND	1 3 4	86,868	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	292	321	SH	DFND	1 4	321	0	0
WHITESTONE REIT	COM	966084204	1,911	308,280	SH	DFND	1 3 4	308,280	0	0
WHITING PETE CORP NEW	COM NEW	966387409	465	693,840	SH	DFND	1 3 4	693,840	0	0
WILEY JOHN & SONS INC	CL A	968223206	48,109	1,283,288	SH	DFND	1 3 4	1,282,392	0	896
WILLIAMS COS INC	COM	969457100	23,203	1,639,769	SH	DFND	1 3 4	1,639,769	0	0
WILLIAMS COS INC	COM	969457100	1,650	116,615	SH	DFND	1 4	116,615	0	0
WILLIAMS SONOMA INC	COM	969904101	9,945	233,891	SH	DFND	1 3 4	233,891	0	0
WILLIAMS SONOMA INC	COM	969904101	442	10,390	SH	DFND	1 4	10,390	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	29,552	173,989	SH	DFND	1 3 4	173,989	0	0
WILLIS TOWERS WATSON PLC LTD	SHS	G96629103	1,646	9,690	SH	DFND	1 4	9,690	0	0
WINGSTOP INC	COM	974155103	19,186	240,726	SH	DFND	1 3 4	240,726	0	0
WINGSTOP INC	COM	974155103	222	2,780	SH	DFND	1 4	2,780	0	0
WINNEBAGO INDS INC	COM	974637100	7,493	269,435	SH	DFND	1 3 4	269,435	0	0
WINTRUST FINL CORP	COM	97650W108	5,545	168,746	SH	DFND	1 3 4	168,746	0	0
WINTRUST FINL CORP	COM	97650W108	208	6,318	SH	DFND	1 4	6,318	0	0
WIPRO LTD	SPON ADR 1 SH	97651M109	50	16,203	SH	DFND	1 3 4	16,203	0	0
WISDOMTREE INVTS INC	COM	97717P104	2,085	894,958	SH	DFND	1 3 4	894,958	0	0
WISDOMTREE TR	US HIGH DIVIDEND	97717W208	2,073	36,624	SH	DFND	1 3 4	36,624	0	0
WISDOMTREE TR	ITL HIGH DIV FD	97717W802	3,480	118,034	SH	DFND	1 3 4	118,034	0	0
WIX COM LTD	SHS	M98068105	265,630	2,634,701	SH	DFND	1 3 4	2,634,701	0	0
WNS HOLDINGS LTD	SPON ADR	92932M101	5,748	133,728	SH	DFND	1 3 4	133,728	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	9,832	646,856	SH	DFND	1 3 4	646,856	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	183	12,028	SH	DFND	1 4	12,028	0	0
WOODWARD INC	COM	980745103	9,958	167,529	SH	DFND	1 3 4	167,529	0	0
WOODWARD INC	COM	980745103	449	7,549	SH	DFND	1 4	7,549	0	0
WORKDAY INC	CL A	98138H101	1,740	13,361	SH	DFND	1 4	13,361	0	0
WORLD ACCEP CORP DEL	COM	981419104	2,299	42,092	SH	DFND	1 3 4	42,092	0	0
WORLD FUEL SVCS CORP	COM	981475106	9,952	395,213	SH	DFND	1 3 4	395,213	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	12,207	359,758	SH	DFND	1 3 4	359,758	0	0
WORTHINGTON INDS INC	COM	981811102	2,869	109,288	SH	DFND	1 3 4	109,288	0	0
WP CAREY INC	COM	92936U109	1,084	18,666	SH	DFND	1 4	18,666	0	0
WPX ENERGY INC	COM	98212B103	3,757	1,231,750	SH	DFND	1 3 4	1,231,750	0	0
WPX ENERGY INC	COM	98212B103	129	42,330	SH	DFND	1 4	42,330	0	0
WRIGHT MED GROUP N V	ORD SHS	N96617118	349	12,179	SH	DFND	1 4	12,179	0	0

WSFS FINL CORP	COM	929328102	589	23,644	SH	DFND	1 3 4	23,644	0	0
WW INTL INC	COM	98262P101	2,322	137,287	SH	DFND	1 3 4	137,287	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	5,828	268,586	SH	DFND	1 3 4	268,586	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	213	9,808	SH	DFND	1 4	9,808	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	8,881	281,845	SH	DFND	1 3 4	281,845	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	397	12,614	SH	DFND	1 4	12,614	0	0
WYNN RESORTS LTD	COM	983134107	7,868	130,714	SH	DFND	1 3 4	130,714	0	0
WYNN RESORTS LTD	COM	983134107	230	3,826	SH	DFND	1 4	3,826	0	0
XCEL ENERGY INC	COM	98389B100	177,416	2,942,229	SH	DFND	1 3 4	2,937,914	0	4,315
XCEL ENERGY INC	COM	98389B100	2,833	46,990	SH	DFND	1 4	46,990	0	0
XENCOR INC	COM	98401F105	11,442	382,935	SH	DFND	1 3 4	382,935	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	8,814	855,740	SH	DFND	1 3 4	855,740	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	141	13,715	SH	DFND	1 4	13,715	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	6,379	336,798	SH	DFND	1 3 4	336,798	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	361	19,075	SH	DFND	1 4	19,075	0	0
XILINX INC	COM	983919101	2,177	27,933	SH	DFND	1 4	27,933	0	0
XILINX INC	COM	983919101	26,737	343,052	SH	DFND	1 3 4	343,052	0	0
XPERI CORP	COM	98421B100	5,595	402,236	SH	DFND	1 3 4	402,236	0	0
XPO LOGISTICS INC	COM	983793100	262	5,367	SH	DFND	1 4	5,367	0	0
XPO LOGISTICS INC	COM	983793100	13,299	272,799	SH	DFND	1 3 4	272,799	0	0
XYLEM INC	COM	98419M100	27,348	419,901	SH	DFND	1 3 4	419,901	0	0
XYLEM INC	COM	98419M100	315	4,834	SH	DFND	1 4	4,834	0	0
YELP INC	CL A	985817105	3,404	188,811	SH	DFND	1 3 4	188,811	0	0
YETI HLDGS INC	COM	98585X104	10,834	555,038	SH	DFND	1 3 4	546,343	0	8,695
YORK WTR CO	COM	987184108	569	13,083	SH	DFND	1 3 4	13,083	0	0
YUM BRANDS INC	COM	988498101	49,612	723,948	SH	DFND	1 3 4	723,948	0	0
YUM BRANDS INC	COM	988498101	1,678	24,492	SH	DFND	1 4	24,492	0	0
YUM CHINA HLDGS INC	COM	98850P109	1,652	38,744	SH	DFND	1 4	38,744	0	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	13,804	75,184	SH	DFND	1 3 4	75,184	0	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	1,292	7,039	SH	DFND	1 4	7,039	0	0
ZENDESK INC	COM	98936J101	291	4,551	SH	DFND	1 3 4	4,551	0	0
ZENDESK INC	COM	98936J101	803	12,541	SH	DFND	1 4	12,541	0	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	372	10,314	SH	DFND	1 4	10,314	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	1,999	19,781	SH	DFND	1 4	19,781	0	0
ZIMMER BIOMET HOLDINGS INC	COM	98956P102	28,146	278,455	SH	DFND	1 3 4	278,455	0	0
ZIONS BANCORPORATION N A	COM	989701107	7,598	283,934	SH	DFND	1 3 4	283,934	0	0
ZIONS BANCORPORATION N A	COM	989701107	453	16,945	SH	DFND	1 4	16,945	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	67	27,485	SH	DFND	1 3 4	27,485	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	56	22,775	SH	DFND	1 4	22,775	0	0
ZIX CORP	COM	98974P100	223	51,833	SH	DFND	1 3 4	51,833	0	0
ZOETIS INC	CL A	98978V103	76,100	646,612	SH	DFND	1 3 4	646,612	0	0
ZOETIS INC	CL A	98978V103	3,333	28,322	SH	DFND	1 4	28,322	0	0
ZUMIEZ INC	COM	989817101	2,866	165,475	SH	DFND	1 3 4	165,475	0	0
ZYNGA INC	CL A	98986T108	771	112,569	SH	DFND	1 4	112,569	0	0