

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: 09-30-2019

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 11-04-2019
[Signature] [City, State] [Date]

Report Type (Check only one.):

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

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

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

List of Other Managers Reporting for this Manager:

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

Form 13F File Number	Name
028-10449	Columbus Circle Investors
028-13785	Origin Asset Management, LLP
028-12454	Post Advisory Group, LLC
028-11300	Spectrum Asset Management, Inc

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 4
Form 13F Information Table Entry Total: 3,666
Form 13F Information Table Value Total: 113,412,495
(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	
OMB Number:	3235-0006
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COLUMN 1 NAME OF ISSUER	COLUMN 2 TITLE OF CLASS	COLUMN 3 CUSIP	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE (x\$1000)	SHRS OR PRN	SH/ PUT/ CALL	INVESTMENT DISCRETION	OTHER MANAGER	VOTING AUTHORITY SOLE SHARED NONE			
21VIANET GROUP INC	SPONSORED ADS A	90138A103	193	25,383	SH		DFND	2 3 4	25,383	0	0
3-D SYS CORP DEL	COM NEW	88554D205	7,595	931,898	SH		DFND	1 3 4	931,898	0	0
3M CO	COM	88579Y101	220,097	1,338,790	SH		DFND	1 3 4	1,337,703	0	1,087
3M CO	COM	88579Y101	5,909	35,943	SH		DFND	1 4	35,943	0	0
8X8 INC NEW	COM	282914100	16,226	783,112	SH		DFND	1 3 4	783,112	0	0
8X8 INC NEW	COM	282914100	225	10,854	SH		DFND	1 4	10,854	0	0
AAON INC	COM PAR \$0.004	000360206	14,731	320,657	SH		DFND	1 3 4	320,657	0	0
AAON INC	COM PAR \$0.004	000360206	218	4,740	SH		DFND	1 4	4,740	0	0
AAR CORP	COM	000361105	11,007	267,096	SH		DFND	1 3 4	267,096	0	0
AARONS INC	COM PAR \$0.50	002535300	70,792	1,101,647	SH		DFND	1 3 4	1,084,170	0	17,477
AARONS INC	COM PAR \$0.50	002535300	728	11,329	SH		DFND	1 4	11,329	0	0
ABBOTT LABS	COM	002824100	397,214	4,747,396	SH		DFND	1 3 4	4,742,499	0	4,897
ABBOTT LABS	COM	002824100	4,320	51,630	SH		DFND	1 4	51,630	0	0
ABBVIE INC	COM	00287Y109	7,381	97,472	SH		DFND	1 4	97,472	0	0
ABBVIE INC	COM	00287Y109	173,861	2,296,099	SH		DFND	1 3 4	2,296,099	0	0
ABERCROMBIE & FITCH CO	CL A	002896207	8,442	541,184	SH		DFND	1 3 4	541,184	0	0
ABIOMED INC	COM	003654100	11,307	63,559	SH		DFND	1 3 4	63,559	0	0
ABIOMED INC	COM	003654100	828	4,653	SH		DFND	1 4	4,653	0	0
ABM INDS INC	COM	000957100	20,657	568,741	SH		DFND	1 3 4	568,741	0	0
ABM INDS INC	COM	000957100	246	6,784	SH		DFND	1 4	6,784	0	0
ABRAXAS PETE CORP	COM	003830106	7	13,224	SH		DFND	1 4	13,224	0	0
ACACIA COMMUNICATIONS INC	COM	00401C108	432	6,599	SH		DFND	1 4	6,599	0	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	13,209	424,999	SH		DFND	1 3 4	424,999	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	2,804	77,900	SH		DFND	1 3 4	77,900	0	0
ACADIA PHARMACEUTICALS INC	COM	004225108	578	16,065	SH		DFND	1 4	16,065	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	19,037	666,105	SH		DFND	1 3 4	666,105	0	0
ACADIA RLTY TR	COM SH BEN INT	004239109	253	8,851	SH		DFND	1 4	8,851	0	0
ACCELERON PHARMA INC	COM	00434H108	5,320	134,645	SH		DFND	1 3 4	134,645	0	0
ACCELERON PHARMA INC	COM	00434H108	255	6,445	SH		DFND	1 4	6,445	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	207,573	1,079,144	SH		DFND	1 3 4	1,079,144	0	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	11,067	57,538	SH		DFND	1 4	57,538	0	0
ACCO BRANDS CORP	COM	00081T108	278	28,147	SH		DFND	1 3 4	28,147	0	0

ACCO BRANDS CORP	COM	00081T108	112	11,388	SH	DFND	1 4	11,388	0	0
ACCURAY INC	COM	004397105	46	16,601	SH	DFND	1 4	16,601	0	0
ACELRX PHARMACEUTICALS INC	COM	00444T100	27	12,459	SH	DFND	1 3 4	12,459	0	0
ACHILLION PHARMACEUTICALS IN	COM	00448Q201	76	21,014	SH	DFND	1 3 4	21,014	0	0
ACHILLION PHARMACEUTICALS IN	COM	00448Q201	46	12,807	SH	DFND	1 4	12,807	0	0
ACI WORLDWIDE INC	COM	004498101	608	19,420	SH	DFND	1 4	19,420	0	0
ACI WORLDWIDE INC	COM	004498101	15,623	498,749	SH	DFND	1 3 4	498,749	0	0
ACORDA THERAPEUTICS INC	COM	00484M106	1,109	386,301	SH	DFND	1 3 4	386,301	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	57,391	1,084,491	SH	DFND	1 3 4	1,084,491	0	0
ACTIVISION BLIZZARD INC	COM	00507V109	698	13,187	SH	DFND	1 4	13,187	0	0
ACTUANT CORP	CL A NEW	00508X203	9,465	431,418	SH	DFND	1 3 4	431,418	0	0
ACUITY BRANDS INC	COM	00508Y102	22,907	169,948	SH	DFND	1 3 4	169,948	0	0
ACUITY BRANDS INC	COM	00508Y102	354	2,627	SH	DFND	1 4	2,627	0	0
ACUSHNET HOLDINGS CORP	COM	005098108	77,977	2,953,655	SH	DFND	1 3 4	2,951,275	0	2,380
ADAPTIVE BIOTECHNOLOGIES COR	COM	00650F109	2,167	70,127	SH	DFND	1 3 4	70,127	0	0
ADDUS HOMECARE CORP	COM	006739106	32,160	405,649	SH	DFND	1 3 4	405,649	0	0
ADIENT PLC	ORD SHS	G0084W101	8,491	369,822	SH	DFND	1 3 4	369,822	0	0
ADOBE INC	COM	00724F101	402,857	1,458,304	SH	DFND	1 3 4	1,455,511	0	2,793
ADOBE INC	COM	00724F101	6,561	23,749	SH	DFND	1 4	23,749	0	0
ADT INC	COM	00090Q103	1,599	255,012	SH	DFND	1 3 4	255,012	0	0
ADT INC	COM	00090Q103	82	13,011	SH	DFND	1 4	13,011	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	8,886	233,288	SH	DFND	1 3 4	233,288	0	0
ADTALEM GLOBAL ED INC	COM	00737L103	224	5,870	SH	DFND	1 4	5,870	0	0
ADTRAN INC	COM	00738A106	4,278	377,085	SH	DFND	1 3 4	377,085	0	0
ADURO BIOTECH INC	COM	00739L101	11	10,494	SH	DFND	1 4	10,494	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	17,110	103,446	SH	DFND	1 3 4	103,446	0	0
ADVANCE AUTO PARTS INC	COM	00751Y106	1,185	7,164	SH	DFND	1 4	7,164	0	0
ADVANCED DISP SVCS INC DEL	COM	00790X101	23,369	717,513	SH	DFND	1 3 4	717,513	0	0
ADVANCED DISP SVCS INC DEL	COM	00790X101	266	8,163	SH	DFND	1 4	8,163	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	241	7,467	SH	DFND	1 4	7,467	0	0
ADVANCED DRAIN SYS INC DEL	COM	00790R104	2,252	69,772	SH	DFND	1 3 4	69,772	0	0
ADVANCED ENERGY INDS	COM	007973100	32,969	574,270	SH	DFND	1 3 4	574,270	0	0
ADVANCED ENERGY INDS	COM	007973100	252	4,394	SH	DFND	1 4	4,394	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	44,369	1,530,508	SH	DFND	1 3 4	1,530,508	0	0
ADVANCED MICRO DEVICES INC	COM	007903107	2,424	83,613	SH	DFND	1 4	83,613	0	0
ADVANSIX INC	COM	00773T101	5,695	221,426	SH	DFND	1 3 4	221,426	0	0
AECOM	COM	00766T100	25,163	669,949	SH	DFND	1 3 4	669,949	0	0
AECOM	COM	00766T100	531	14,144	SH	DFND	1 4	14,144	0	0
AEGION CORP	COM	00770F104	5,933	277,486	SH	DFND	1 3 4	277,486	0	0
AERCAP HOLDINGS NV	SHS	N00985106	120,475	2,200,459	SH	DFND	1 3 4	2,200,459	0	0
AERCAP HOLDINGS NV	SHS	N00985106	210	3,841	SH	DFND	1 4	3,841	0	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	62,508	1,237,543	SH	DFND	1 3 4	1,237,543	0	0

AEROJET ROCKETDYNE HLDGS INC	COM	007800105	579	11,470	SH	DFND	1 4	11,470	0	0
AEROVIRONMENT INC	COM	008073108	9,117	170,222	SH	DFND	1 3 4	170,222	0	0
AES CORP	COM	00130H105	15,550	951,681	SH	DFND	1 3 4	951,681	0	0
AES CORP	COM	00130H105	1,218	74,547	SH	DFND	1 4	74,547	0	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	6,726	80,698	SH	DFND	1 3 4	80,698	0	0
AFLAC INC	COM	001055102	56,649	1,082,733	SH	DFND	1 3 4	1,082,733	0	0
AFLAC INC	COM	001055102	1,079	20,616	SH	DFND	1 4	20,616	0	0
AGCO CORP	COM	001084102	20,381	269,236	SH	DFND	1 3 4	269,236	0	0
AGCO CORP	COM	001084102	439	5,797	SH	DFND	1 4	5,797	0	0
AGENUS INC	COM NEW	00847G705	33	12,931	SH	DFND	1 3 4	12,931	0	0
AGENUS INC	COM NEW	00847G705	43	16,643	SH	DFND	1 4	16,643	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	1,826	23,828	SH	DFND	1 4	23,828	0	0
AGILENT TECHNOLOGIES INC	COM	00846U101	33,245	433,843	SH	DFND	1 3 4	433,843	0	0
AGILYSYS INC	COM	00847J105	4,115	160,676	SH	DFND	1 3 4	160,676	0	0
AGIOS PHARMACEUTICALS INC	COM	00847X104	293	9,057	SH	DFND	1 3 4	9,057	0	0
AGNC INVT CORP	COM	00123Q104	618	38,425	SH	DFND	1 4	38,425	0	0
AGREE REALTY CORP	COM	008492100	97,210	1,328,914	SH	DFND	1 3 4	1,328,479	0	435
AGREE REALTY CORP	COM	008492100	301	4,118	SH	DFND	1 4	4,118	0	0
AGREE REALTY CORP	COM	008492100	5,774	78,933	SH	DFND	2 3 4	78,933	0	0
AGREE REALTY CORP	COM	008492100	4,399	60,133	SH	SOLE		60,133	0	0
AIMMUNE THERAPEUTICS INC	COM	00900T107	201	9,585	SH	DFND	1 3 4	9,585	0	0
AIR LEASE CORP	CL A	00912X302	269	6,433	SH	DFND	1 4	6,433	0	0
AIR PRODS & CHEMS INC	COM	009158106	396,748	1,788,281	SH	DFND	1 3 4	1,787,093	0	1,188
AIR PRODS & CHEMS INC	COM	009158106	1,079	4,863	SH	SOLE		4,856	0	7
AIR PRODS & CHEMS INC	COM	009158106	1,761	7,939	SH	DFND	1 4	7,939	0	0
AIRCASTLE LTD	COM	G0129K104	698	31,139	SH	DFND	1 3 4	31,139	0	0
AK STL HLDG CORP	COM	001547108	5,665	2,495,423	SH	DFND	1 3 4	2,495,423	0	0
AK STL HLDG CORP	COM	001547108	83	36,736	SH	DFND	1 4	36,736	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	22,046	241,258	SH	DFND	1 3 4	241,258	0	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	1,866	20,415	SH	DFND	1 4	20,415	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	68	17,314	SH	DFND	1 3 4	17,314	0	0
AKEBIA THERAPEUTICS INC	COM	00972D105	43	11,086	SH	DFND	1 4	11,086	0	0
AKORN INC	COM	009728106	2,907	764,874	SH	DFND	1 3 4	764,874	0	0
AKORN INC	COM	009728106	45	11,907	SH	DFND	1 4	11,907	0	0
ALAMO GROUP INC	COM	011311107	9,059	76,952	SH	DFND	1 3 4	76,952	0	0
ALAMO GROUP INC	COM	011311107	252	2,138	SH	DFND	1 4	2,138	0	0
ALARM COM HLDGS INC	COM	011642105	14,949	320,520	SH	DFND	1 3 4	320,520	0	0
ALASKA AIR GROUP INC	COM	011659109	114,538	1,764,572	SH	DFND	1 3 4	1,758,156	0	6,416
ALASKA AIR GROUP INC	COM	011659109	972	14,967	SH	DFND	1 4	14,967	0	0
ALASKA AIR GROUP INC	COM	011659109	9,108	140,319	SH	SOLE		140,319	0	0
ALBANY INTL CORP	CL A	012348108	60,289	668,691	SH	DFND	1 3 4	668,353	0	338
ALBANY INTL CORP	CL A	012348108	301	3,338	SH	DFND	1 4	3,338	0	0
ALBANY INTL CORP	CL A	012348108	4,367	48,427	SH	SOLE		48,427	0	0
ALBEMARLE CORP	COM	012653101	158,261	2,276,478	SH	DFND	1 3 4	2,273,356	0	3,122
ALBEMARLE CORP	COM	012653101	512	7,358	SH	DFND	1 4	7,358	0	0
ALBEMARLE CORP	COM	012653101	9,946	143,061	SH	SOLE		143,061	0	0

ALCOA CORP	COM	013872106	4,217	210,114	SH	DFND	1 3 4	210,114	0	0
ALCOA CORP	COM	013872106	320	15,924	SH	DFND	1 4	15,924	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	235	12,461	SH	DFND	1 3 4	12,461	0	0
ALDER BIOPHARMACEUTICALS INC	COM	014339105	210	11,111	SH	DFND	1 4	11,111	0	0
ALEXANDER & BALDWIN INC NEW	COM	014491104	7,070	288,439	SH	DFND	1 3 4	288,439	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	247,662	1,607,778	SH	DFND	1 3 4	1,597,485	0	10,293
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	1,108	7,192	SH	DFND	1 4	7,192	0	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	545,601	3,541,944	SH	DFND	2 3 4	3,541,944	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	32,047	327,214	SH	DFND	1 3 4	327,214	0	0
ALEXION PHARMACEUTICALS INC	COM	015351109	1,157	11,817	SH	DFND	1 4	11,817	0	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	347,380	2,077,256	SH	DFND	1 3 4	2,076,318	0	938
ALIGN TECHNOLOGY INC	COM	016255101	1,469	8,118	SH	DFND	1 4	8,118	0	0
ALIGN TECHNOLOGY INC	COM	016255101	18,504	102,280	SH	DFND	1 3 4	102,280	0	0
ALKERMES PLC	SHS	G01767105	472	24,174	SH	DFND	1 3 4	24,174	0	0
ALKERMES PLC	SHS	G01767105	253	12,971	SH	DFND	1 4	12,971	0	0
ALLAKOS INC	COM	01671P100	507	6,450	SH	DFND	1 3 4	6,450	0	0
ALLAKOS INC	COM	01671P100	206	2,620	SH	DFND	1 4	2,620	0	0
ALLEGHANY CORP DEL	COM	017175100	48,916	61,317	SH	DFND	1 3 4	61,317	0	0
ALLEGHANY CORP DEL	COM	017175100	1,154	1,447	SH	DFND	1 4	1,447	0	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	10,866	536,603	SH	DFND	1 3 4	536,603	0	0
ALLEGIANCE BANCSHARES INC	COM	01748H107	265	8,252	SH	DFND	1 3 4	8,252	0	0
ALLEGIANTRAVEL CO	COM	01748X102	16,646	111,227	SH	DFND	1 3 4	111,227	0	0
ALLEGIANTRAVEL CO	COM	01748X102	362	2,422	SH	DFND	1 4	2,422	0	0
ALLEGION PUB LTD CO	ORD SHS	G0176J109	14,330	138,255	SH	DFND	1 3 4	138,255	0	0
ALLEGION PUB LTD CO	ORD SHS	G0176J109	1,371	13,225	SH	DFND	1 4	13,225	0	0
ALLERGAN PLC	SHS	G0177J108	77,412	459,993	SH	DFND	1 3 4	459,993	0	0
ALLERGAN PLC	SHS	G0177J108	862	5,121	SH	DFND	1 4	5,121	0	0
ALLETE INC	COM NEW	018522300	87,962	1,006,312	SH	DFND	1 3 4	1,005,685	0	627
ALLETE INC	COM NEW	018522300	334	3,816	SH	DFND	1 4	3,816	0	0
ALLETE INC	COM NEW	018522300	7,403	84,699	SH	SOLE		84,699	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	8,316	64,906	SH	DFND	1 3 4	64,906	0	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	598	4,666	SH	DFND	1 4	4,666	0	0
ALLIANT ENERGY CORP	COM	018802108	118,926	2,205,192	SH	DFND	1 3 4	2,198,848	0	6,344
ALLIANT ENERGY CORP	COM	018802108	1,328	24,627	SH	DFND	1 4	24,627	0	0
ALLIANT ENERGY CORP	COM	018802108	9,472	175,651	SH	SOLE		175,651	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	644	13,681	SH	DFND	1 3 4	13,681	0	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	723	15,359	SH	DFND	1 4	15,359	0	0
ALLOGENE THERAPEUTICS INC	COM	019770106	3,688	135,311	SH	DFND	1 3 4	135,311	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	7,810	711,253	SH	DFND	1 3 4	711,253	0	0
ALLSCRIPTS HEALTHCARE SOLUTN	COM	01988P108	184	16,755	SH	DFND	1 4	16,755	0	0
ALLSTATE CORP	COM	020002101	173,827	1,599,435	SH	DFND	1 3 4	1,596,149	0	3,286
ALLSTATE CORP	COM	020002101	1,016	9,351	SH	DFND	1 4	9,351	0	0

ALLY FINL INC	COM	02005N100	1,066	32,160	SH	DFND	1 3 4	32,160	0	0
ALLY FINL INC	COM	02005N100	1,258	37,947	SH	DFND	1 4	37,947	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	1,313	16,325	SH	DFND	1 3 4	16,325	0	0
ALNYLAM PHARMACEUTICALS INC	COM	02043Q107	901	11,207	SH	DFND	1 4	11,207	0	0
ALPHABET INC	CAP STK CL C	02079K107	866,447	710,775	SH	DFND	1 3 4	710,775	0	0
ALPHABET INC	CAP STK CL C	02079K107	28,103	23,054	SH	DFND	1 4	23,054	0	0
ALPHABET INC	CAP STK CL A	02079K305	27,941	22,881	SH	DFND	1 4	22,881	0	0
ALPHABET INC	CAP STK CL A	02079K305	13,085	10,715	SH	SOLE		10,680	0	35
ALPHABET INC	CAP STK CL A	02079K305	645,121	528,295	SH	DFND	1 3 4	527,454	0	841
ALTERYX INC	COM CL A	02156B103	3,484	32,435	SH	DFND	1 3 4	32,435	0	0
ALTERYX INC	COM CL A	02156B103	631	5,875	SH	DFND	1 4	5,875	0	0
ALTICE USA INC	CL A	02156K103	11,238	391,831	SH	DFND	1 3 4	391,831	0	0
ALTICE USA INC	CL A	02156K103	959	33,430	SH	DFND	1 4	33,430	0	0
ALTRA INDL MOTION CORP	COM	02208R106	17,019	614,516	SH	DFND	1 3 4	614,516	0	0
ALTRIA GROUP INC	COM	02209S103	107,223	2,621,596	SH	DFND	1 3 4	2,621,596	0	0
ALTRIA GROUP INC	COM	02209S103	4,011	98,068	SH	DFND	1 4	98,068	0	0
AMAG PHARMACEUTICALS INC	COM	00163U106	3,148	272,539	SH	DFND	1 3 4	272,539	0	0
AMAZON COM INC	COM	023135106	14,279	8,226	SH	SOLE		8,015	0	211
AMAZON COM INC	COM	023135106	1,473,868	849,046	SH	DFND	1 3 4	848,548	0	498
AMAZON COM INC	COM	023135106	47,323	27,261	SH	DFND	1 4	27,261	0	0
AMBAC FINL GROUP INC	COM NEW	023139884	7,024	359,275	SH	DFND	1 3 4	359,275	0	0
AMBEV SA	SPONSORED ADR	02319V103	19,450	4,209,909	SH	DFND	1 3 4	4,061,909	0	148,000
AMC ENTMT HLDGS INC	CL A COM	00165C104	382	35,693	SH	DFND	1 3 4	35,693	0	0
AMC NETWORKS INC	CL A	00164V103	10,812	219,940	SH	DFND	1 3 4	219,940	0	0
AMC NETWORKS INC	CL A	00164V103	252	5,126	SH	DFND	1 4	5,126	0	0
AMDOCS LTD	SHS	G02602103	45,466	687,741	SH	DFND	1 3 4	687,185	0	556
AMDOCS LTD	SHS	G02602103	845	12,783	SH	DFND	1 4	12,783	0	0
AMDOCS LTD	SHS	G02602103	5,163	78,109	SH	SOLE		78,109	0	0
AMEDISYS INC	COM	023436108	17,904	136,663	SH	DFND	1 3 4	136,663	0	0
AMEDISYS INC	COM	023436108	672	5,131	SH	DFND	1 4	5,131	0	0
AMERCO	COM	023586100	161,003	412,786	SH	DFND	1 3 4	412,786	0	0
AMERCO	COM	023586100	339	870	SH	DFND	1 4	870	0	0
AMEREN CORP	COM	023608102	33,343	416,533	SH	DFND	1 3 4	416,533	0	0
AMEREN CORP	COM	023608102	1,265	15,798	SH	DFND	1 4	15,798	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	14,971	555,089	SH	DFND	1 3 4	555,089	0	0
AMERICAN AIRLS GROUP INC	COM	02376R102	717	26,583	SH	DFND	1 4	26,583	0	0
AMERICAN ASSETS TR INC	COM	024013104	17,710	378,907	SH	DFND	1 3 4	378,907	0	0
AMERICAN ASSETS TR INC	COM	024013104	388	8,291	SH	DFND	1 4	8,291	0	0
AMERICAN AXLE & MFG HLDGS IN	COM	024061103	7,334	892,272	SH	DFND	1 3 4	892,272	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	28,140	585,272	SH	DFND	1 3 4	585,272	0	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	710	14,761	SH	DFND	1 4	14,761	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	11,590	714,556	SH	DFND	1 3 4	714,556	0	0
AMERICAN EAGLE OUTFITTERS IN	COM	02553E106	472	29,107	SH	DFND	1 4	29,107	0	0
AMERICAN ELEC PWR CO INC	COM	025537101	1,123	11,988	SH	DFND	1 4	11,988	0	0
AMERICAN ELEC PWR	COM	025537101	70,433	751,771	SH	DFND	1 3 4	751,771	0	0

CO INC											
AMERICAN EQTY INVT LIFE HLD	COM	025676206	17,468	721,805	SH	DFND	1 3 4	721,805	0	0	
AMERICAN EXPRESS CO	COM	025816109	3,927	33,204	SH	DFND	1 4	33,204	0	0	
AMERICAN EXPRESS CO	COM	025816109	113,081	956,044	SH	DFND	1 3 4	956,044	0	0	
AMERICAN FINL GROUP INC OHIO	COM	025932104	35,630	330,374	SH	DFND	1 3 4	330,374	0	0	
AMERICAN FINL GROUP INC OHIO	COM	025932104	847	7,856	SH	DFND	1 4	7,856	0	0	
AMERICAN HOMES 4 RENT	CL A	02665T306	12,144	469,088	SH	DFND	1 3 4	469,088	0	0	
AMERICAN HOMES 4 RENT	CL A	02665T306	859	33,184	SH	DFND	1 4	33,184	0	0	
AMERICAN HOMES 4 RENT	CL A	02665T306	309,696	11,961,992	SH	DFND	2 3 4	11,961,992	0	0	
AMERICAN INTL GROUP INC	COM NEW	026874784	67,907	1,219,162	SH	DFND	1 3 4	1,219,162	0	0	
AMERICAN INTL GROUP INC	COM NEW	026874784	757	13,586	SH	DFND	1 4	13,586	0	0	
AMERICAN PUBLIC EDUCATION IN	COM	02913V103	2,856	127,821	SH	DFND	1 3 4	127,821	0	0	
AMERICAN STS WTR CO	COM	029899101	31,522	350,789	SH	DFND	1 3 4	350,789	0	0	
AMERICAN STS WTR CO	COM	029899101	541	6,017	SH	DFND	1 4	6,017	0	0	
AMERICAN TOWER CORP NEW	COM	03027X100	339,191	1,533,900	SH	DFND	1 3 4	1,530,844	0	3,056	
AMERICAN TOWER CORP NEW	COM	03027X100	7,082	32,026	SH	DFND	1 4	32,026	0	0	
AMERICAN TOWER CORP NEW	COM	03027X100	154,925	700,605	SH	DFND	2 3 4	700,605	0	0	
AMERICAN TOWER CORP NEW	COM	03027X100	6,577	29,745	SH	SOLE		29,689	0	56	
AMERICAN VANGUARD CORP	COM	030371108	3,291	209,611	SH	DFND	1 3 4	209,611	0	0	
AMERICAN WOODMARK CORPORATIO	COM	030506109	10,916	122,776	SH	DFND	1 3 4	122,776	0	0	
AMERICAN WOODMARK CORPORATIO	COM	030506109	286	3,220	SH	DFND	1 4	3,220	0	0	
AMERICAN WTR WKS CO INC NEW	COM	030420103	55,275	444,943	SH	DFND	1 3 4	444,943	0	0	
AMERICAN WTR WKS CO INC NEW	COM	030420103	1,991	16,023	SH	DFND	1 4	16,023	0	0	
AMERICAS CAR MART INC	COM	03062T105	311	3,390	SH	DFND	1 3 4	3,390	0	0	
AMERICOLD RLTY TR	COM	03064D108	8,019	216,321	SH	DFND	1 3 4	216,321	0	0	
AMERICOLD RLTY TR	COM	03064D108	839	22,630	SH	DFND	1 4	22,630	0	0	
AMERICOLD RLTY TR	COM	03064D108	177,734	4,794,548	SH	DFND	2 3 4	4,794,548	0	0	
AMERIPRISE FINL INC	COM	03076C106	50,432	342,842	SH	DFND	1 3 4	342,842	0	0	
AMERIPRISE FINL INC	COM	03076C106	1,809	12,299	SH	DFND	1 4	12,299	0	0	
AMERIS BANCORP	COM	03076K108	20,741	515,423	SH	DFND	1 3 4	515,423	0	0	
AMERIS BANCORP	COM	03076K108	253	6,286	SH	DFND	1 4	6,286	0	0	
AMERISAFE INC	COM	03071H100	10,063	152,210	SH	DFND	1 3 4	152,210	0	0	
AMERISOURCEBERGEN CORP	COM	03073E105	19,732	239,666	SH	DFND	1 3 4	239,666	0	0	
AMERISOURCEBERGEN CORP	COM	03073E105	1,554	18,877	SH	DFND	1 4	18,877	0	0	
AMETEK INC NEW	COM	031100100	48,947	533,076	SH	DFND	1 3 4	533,076	0	0	
AMETEK INC NEW	COM	031100100	2,676	29,142	SH	DFND	1 4	29,142	0	0	
AMGEN INC	COM	031162100	196,121	1,013,493	SH	DFND	1 3 4	1,013,493	0	0	
AMGEN INC	COM	031162100	7,350	37,980	SH	DFND	1 4	37,980	0	0	
AMICUS THERAPEUTICS INC	COM	03152W109	278	34,683	SH	DFND	1 3 4	34,683	0	0	
AMICUS THERAPEUTICS INC	COM	03152W109	283	35,338	SH	DFND	1 4	35,338	0	0	
AMN HEALTHCARE	COM	001744101	47,990	833,739	SH	DFND	1 3 4	833,739	0	0	

SERVICES INC										
AMN HEALTHCARE SERVICES INC	COM	001744101	450	7,812	SH	DFND	1 4	7,812	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	147	50,568	SH	DFND	1 3 4	50,568	0	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	51	17,522	SH	DFND	1 4	17,522	0	0
AMPHASTAR PHARMACEUTICALS IN	COM	03209R103	5,596	282,179	SH	DFND	1 3 4	282,179	0	0
AMPHENOL CORP NEW	CL A	032095101	40,409	418,748	SH	DFND	1 3 4	418,748	0	0
AMPHENOL CORP NEW	CL A	032095101	3,344	34,650	SH	DFND	1 4	34,650	0	0
AMYRIS INC	COM NEW	03236M200	353	74,203	SH	DFND	1 3 4	74,203	0	0
ANALOG DEVICES INC	COM	032654105	58,138	520,339	SH	DFND	1 3 4	520,339	0	0
ANALOG DEVICES INC	COM	032654105	1,119	10,017	SH	DFND	1 4	10,017	0	0
ANAPLAN INC	COM	03272L108	478	10,162	SH	DFND	1 4	10,162	0	0
ANAPLAN INC	COM	03272L108	245	5,211	SH	DFND	1 3 4	5,211	0	0
ANDERSONS INC	COM	034164103	5,767	257,147	SH	DFND	1 3 4	257,147	0	0
ANGIODYNAMICS INC	COM	03475V101	5,681	308,412	SH	DFND	1 3 4	308,412	0	0
ANI PHARMACEUTICALS INC	COM	00182C103	5,648	77,492	SH	DFND	1 3 4	77,492	0	0
ANIKA THERAPEUTICS INC	COM	035255108	5,967	108,712	SH	DFND	1 3 4	108,712	0	0
ANIXTER INTL INC	COM	035290105	16,363	236,731	SH	DFND	1 3 4	236,731	0	0
ANIXTER INTL INC	COM	035290105	230	3,333	SH	DFND	1 4	3,333	0	0
ANNALY CAP MGMT INC	COM	035710409	487	55,325	SH	DFND	1 3 4	55,325	0	0
ANNALY CAP MGMT INC	COM	035710409	895	101,761	SH	DFND	1 4	101,761	0	0
ANSYS INC	COM	03662Q105	447,792	2,022,910	SH	DFND	1 3 4	2,022,910	0	0
ANSYS INC	COM	03662Q105	2,332	10,535	SH	DFND	1 4	10,535	0	0
ANTARES PHARMA INC	COM	036642106	136	40,604	SH	DFND	1 3 4	40,604	0	0
ANTARES PHARMA INC	COM	036642106	93	27,807	SH	DFND	1 4	27,807	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	8,125	1,097,948	SH	DFND	1 3 4	1,097,948	0	0
ANTERO MIDSTREAM CORP	COM	03676B102	171	23,103	SH	DFND	1 4	23,103	0	0
ANTERO RES CORP	COM	03674X106	82	27,186	SH	DFND	1 4	27,186	0	0
ANTHEM INC	COM	036752103	89,082	371,021	SH	DFND	1 3 4	371,021	0	0
ANTHEM INC	COM	036752103	3,453	14,380	SH	DFND	1 4	14,380	0	0
ANWORTH MORTGAGE ASSET CP	COM	037347101	34	10,423	SH	DFND	1 4	10,423	0	0
AON PLC	SHS CL A	G0408V102	795	4,108	SH	SOLE		4,108	0	0
AON PLC	SHS CL A	G0408V102	284,603	1,470,283	SH	DFND	1 3 4	1,470,283	0	0
AON PLC	SHS CL A	G0408V102	3,230	16,684	SH	DFND	1 4	16,684	0	0
APACHE CORP	COM	037411105	13,506	527,581	SH	DFND	1 3 4	527,581	0	0
APACHE CORP	COM	037411105	676	26,403	SH	DFND	1 4	26,403	0	0
APARTMENT INVT & MGMT CO	CL A	03748R754	28,594	548,417	SH	DFND	1 3 4	548,417	0	0
APARTMENT INVT & MGMT CO	CL A	03748R754	799	15,315	SH	DFND	1 4	15,315	0	0
APARTMENT INVT & MGMT CO	CL A	03748R754	389,273	7,465,910	SH	DFND	2 3 4	7,465,910	0	0
APELLIS PHARMACEUTICALS INC	COM	03753U106	211	8,767	SH	DFND	1 3 4	8,767	0	0
APERGY CORP	COM	03755L104	8,900	329,013	SH	DFND	1 3 4	329,013	0	0
APERGY CORP	COM	03755L104	215	7,936	SH	DFND	1 4	7,936	0	0
APOGEE ENTERPRISES INC	COM	037598109	8,155	209,164	SH	DFND	1 3 4	209,164	0	0
APOLLO COML REAL EST FIN INC	COM	03762U105	24,462	1,276,043	SH	DFND	1 3 4	1,276,043	0	0
APOLLO COML REAL	COM	03762U105	214	11,145	SH	DFND	1 4	11,145	0	0

EST FIN INC											
APPFOLIO INC	COM CL A	03783C100	299	3,145	SH	DFND	1 4	3,145	0	0	
APPFOLIO INC	COM CL A	03783C100	630	6,618	SH	DFND	1 3 4	6,618	0	0	
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	340	20,507	SH	DFND	1 4	20,507	0	0	
APPLE HOSPITALITY REIT INC	COM NEW	03784Y200	3,316	199,986	SH	DFND	1 3 4	199,986	0	0	
APPLE INC	COM	037833100	1,694,309	7,564,899	SH	DFND	1 3 4	7,555,947	0	8,952	
APPLE INC	COM	037833100	69,086	308,459	SH	DFND	1 4	308,459	0	0	
APPLE INC	COM	037833100	848	3,788	SH	SOLE		0	0	3,788	
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	18,192	320,289	SH	DFND	1 3 4	320,289	0	0	
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	408	7,189	SH	DFND	1 4	7,189	0	0	
APPLIED MATLS INC	COM	038222105	66,639	1,335,457	SH	DFND	1 3 4	1,335,457	0	0	
APPLIED MATLS INC	COM	038222105	3,246	65,042	SH	DFND	1 4	65,042	0	0	
APPLIED OPTOELECTRONICS INC	COM	03823U102	1,684	150,077	SH	DFND	1 3 4	150,077	0	0	
APTARGROUP INC	COM	038336103	837	7,066	SH	DFND	1 4	7,066	0	0	
APTARGROUP INC	COM	038336103	32,260	272,353	SH	DFND	1 3 4	272,353	0	0	
APTIV PLC	SHS	G6095L109	31,371	358,856	SH	DFND	1 3 4	358,856	0	0	
APTIV PLC	SHS	G6095L109	1,554	17,772	SH	DFND	1 4	17,772	0	0	
AQUA AMERICA INC	COM	03836W103	49,566	1,105,673	SH	DFND	1 3 4	1,105,673	0	0	
AQUA AMERICA INC	COM	03836W103	684	15,262	SH	DFND	1 4	15,262	0	0	
AQUAVENTURE HLDGS LTD	SHS	G0443N107	270	13,909	SH	DFND	1 3 4	13,909	0	0	
ARAMARK	COM	03852U106	994	22,819	SH	DFND	1 4	22,819	0	0	
ARBOR RLTY TR INC	COM	038923108	1,796	136,995	SH	DFND	1 3 4	136,995	0	0	
ARCBEST CORP	COM	03937C105	6,834	224,440	SH	DFND	1 3 4	224,440	0	0	
ARCH CAP GROUP LTD	ORD	G0450A105	411,228	9,795,809	SH	DFND	1 3 4	9,795,809	0	0	
ARCH CAP GROUP LTD	ORD	G0450A105	1,867	44,465	SH	DFND	1 4	44,465	0	0	
ARCH COAL INC	CL A	039380407	1,342	18,081	SH	DFND	1 3 4	18,081	0	0	
ARCHER DANIELS MIDLAND CO	COM	039483102	37,077	902,774	SH	DFND	1 3 4	902,774	0	0	
ARCHER DANIELS MIDLAND CO	COM	039483102	1,722	41,919	SH	DFND	1 4	41,919	0	0	
ARCHROCK INC	COM	03957W106	10,467	1,049,837	SH	DFND	1 3 4	1,049,837	0	0	
ARCHROCK INC	COM	03957W106	147	14,698	SH	DFND	1 4	14,698	0	0	
ARCONIC INC	COM	03965L100	14,107	542,593	SH	DFND	1 3 4	542,593	0	0	
ARCONIC INC	COM	03965L100	718	27,604	SH	DFND	1 4	27,604	0	0	
ARCOSA INC	COM	039653100	13,056	381,644	SH	DFND	1 3 4	381,644	0	0	
ARENA PHARMACEUTICALS INC	COM NEW	040047607	351	7,664	SH	DFND	1 3 4	7,664	0	0	
ARENA PHARMACEUTICALS INC	COM NEW	040047607	320	6,986	SH	DFND	1 4	6,986	0	0	
ARES COML REAL ESTATE CORP	COM	04013V108	384	25,201	SH	DFND	1 3 4	25,201	0	0	
ARES MANAGEMENT CORPORATION	CL A COM STK	03990B101	200	7,446	SH	DFND	1 4	7,446	0	0	
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	1,194	17,000	SH	DFND	1 3 4	17,000	0	0	
ARISTA NETWORKS INC	COM	040413106	23,256	97,338	SH	DFND	1 3 4	97,338	0	0	
ARISTA NETWORKS INC	COM	040413106	1,483	6,209	SH	DFND	1 4	6,209	0	0	
ARK ETF TR	INNOVATION ETF	00214Q104	279	6,507	SH	SOLE		0	0	6,507	
ARLO TECHNOLOGIES INC	COM	04206A101	2,013	590,467	SH	DFND	1 3 4	590,467	0	0	
ARMADA HOFFLER PPTYS INC	COM	04208T108	7,560	417,884	SH	DFND	1 3 4	417,884	0	0	
ARMOUR RESIDENTIAL REIT INC	COM NEW	042315507	7,820	466,864	SH	DFND	1 3 4	466,864	0	0	
ARMSTRONG WORLD INDS INC NEW	COM	04247X102	645	6,675	SH	DFND	1 4	6,675	0	0	

ARQULE INC	COM	04269E107	118	16,494	SH	DFND	1 3 4	16,494	0	0
ARQULE INC	COM	04269E107	107	14,982	SH	DFND	1 4	14,982	0	0
ARROW ELECTRS INC	COM	042735100	47,295	634,153	SH	DFND	1 3 4	629,205	0	4,948
ARROW ELECTRS INC	COM	042735100	578	7,747	SH	DFND	1 4	7,747	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	22,822	809,862	SH	DFND	1 3 4	809,862	0	0
ARROWHEAD PHARMACEUTICALS IN	COM	04280A100	401	14,233	SH	DFND	1 4	14,233	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	1,446	51,202	SH	DFND	1 3 4	51,202	0	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	232	8,220	SH	DFND	1 4	8,220	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	15,616	152,604	SH	DFND	1 3 4	152,604	0	0
ASBURY AUTOMOTIVE GROUP INC	COM	043436104	370	3,617	SH	DFND	1 4	3,617	0	0
ASGN INC	COM	00191U102	14,143	224,987	SH	DFND	1 3 4	224,987	0	0
ASGN INC	COM	00191U102	381	6,055	SH	DFND	1 4	6,055	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	19,807	257,069	SH	DFND	1 3 4	257,069	0	0
ASHLAND GLOBAL HLDGS INC	COM	044186104	291	3,779	SH	DFND	1 4	3,779	0	0
ASPEN TECHNOLOGY INC	COM	045327103	24,140	196,129	SH	DFND	1 3 4	196,129	0	0
ASPEN TECHNOLOGY INC	COM	045327103	1,198	9,733	SH	DFND	1 4	9,733	0	0
ASSERTIO THERAPEUTICS INC	COM	04545L107	692	540,542	SH	DFND	1 3 4	540,542	0	0
ASSOCIATED BANC CORP	COM	045487105	318	15,685	SH	DFND	1 4	15,685	0	0
ASSOCIATED BANC CORP	COM	045487105	15,618	771,251	SH	DFND	1 3 4	771,251	0	0
ASSURANT INC	COM	04621X108	10,774	85,630	SH	DFND	1 3 4	85,630	0	0
ASSURANT INC	COM	04621X108	811	6,449	SH	DFND	1 4	6,449	0	0
ASSURED GUARANTY LTD	COM	G0585R106	88,438	1,989,169	SH	DFND	1 3 4	1,987,652	0	1,517
ASSURED GUARANTY LTD	COM	G0585R106	394	8,851	SH	DFND	1 4	8,851	0	0
ASSURED GUARANTY LTD	COM	G0585R106	10,686	240,360	SH	SOLE		240,360	0	0
ASTEC INDS INC	COM	046224101	5,528	177,741	SH	DFND	1 3 4	177,741	0	0
ASTRONICS CORP	COM	046433108	279	9,489	SH	DFND	1 3 4	9,489	0	0
AT&T INC	COM	00206R102	425,608	11,247,558	SH	DFND	1 3 4	11,247,558	0	0
AT&T INC	COM	00206R102	6,133	162,067	SH	DFND	1 4	162,067	0	0
ATHENE HLDG LTD	CL A	G0684D107	14,066	334,419	SH	DFND	1 3 4	334,419	0	0
ATHENE HLDG LTD	CL A	G0684D107	782	18,602	SH	DFND	1 4	18,602	0	0
ATHENEX INC	COM	04685N103	127	10,455	SH	DFND	1 3 4	10,455	0	0
ATHERSYS INC	COM	04744L106	28	20,820	SH	DFND	1 4	20,820	0	0
ATKORE INTL GROUP INC	COM	047649108	805	26,513	SH	DFND	1 3 4	26,513	0	0
ATKORE INTL GROUP INC	COM	047649108	292	9,607	SH	DFND	1 4	9,607	0	0
ATLANTIC CAP BANCSHARES INC	COM	048269203	238	13,745	SH	DFND	1 3 4	13,745	0	0
ATLANTIC PWR CORP	COM NEW	04878Q863	41	17,624	SH	DFND	1 4	17,624	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	14,976	402,097	SH	DFND	1 3 4	402,097	0	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	224	6,011	SH	DFND	1 4	6,011	0	0
ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	049164205	5,145	203,919	SH	DFND	1 3 4	203,919	0	0
ATLASSIAN CORP PLC	CL A	G06242104	1,407	11,217	SH	DFND	1 4	11,217	0	0
ATMOS ENERGY CORP	COM	049560105	19,389	170,245	SH	DFND	1 3 4	170,245	0	0
ATMOS ENERGY CORP	COM	049560105	933	8,191	SH	DFND	1 4	8,191	0	0
ATN INTL INC	COM	00215F107	5,011	85,841	SH	DFND	1 3 4	85,841	0	0

ATRICURE INC	COM	04963C209	469	18,802	SH	DFND	1 3 4	18,802	0	0
ATRION CORP	COM	049904105	213	274	SH	DFND	1 4	274	0	0
ATRION CORP	COM	049904105	469	602	SH	DFND	1 3 4	602	0	0
AUTODESK INC	COM	052769106	434,391	2,941,032	SH	DFND	1 3 4	2,941,032	0	0
AUTODESK INC	COM	052769106	1,338	9,058	SH	DFND	1 4	9,058	0	0
AUTOHOME INC	SP ADR RP CL A	05278C107	1,243	14,949	SH	DFND	1 3 4	0	0	14,949
AUTOLIV INC	COM	052800109	130,067	1,648,915	SH	DFND	1 3 4	1,642,873	0	6,042
AUTOLIV INC	COM	052800109	12,627	160,069	SH	SOLE		160,069	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	182,062	1,127,878	SH	DFND	1 3 4	1,127,878	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	3,422	21,198	SH	DFND	1 4	21,198	0	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	2,833	17,550	SH	SOLE		17,505	0	45
AUTONATION INC	COM	05329W102	270	5,318	SH	DFND	1 4	5,318	0	0
AUTONATION INC	COM	05329W102	12,697	250,440	SH	DFND	1 3 4	250,440	0	0
AUTOZONE INC	COM	053332102	3,197	2,948	SH	DFND	1 4	2,948	0	0
AUTOZONE INC	COM	053332102	37,351	34,437	SH	DFND	1 3 4	34,437	0	0
AVALARA INC	COM	05338G106	405	6,015	SH	DFND	1 4	6,015	0	0
AVALONBAY CMNTYS INC	COM	053484101	76,916	357,202	SH	DFND	1 3 4	357,202	0	0
AVALONBAY CMNTYS INC	COM	053484101	2,759	12,812	SH	DFND	1 4	12,812	0	0
AVALONBAY CMNTYS INC	COM	053484101	799,560	3,713,184	SH	DFND	2 3 4	3,713,184	0	0
AVANGRID INC	COM	05351W103	270	5,167	SH	DFND	1 4	5,167	0	0
AVANOS MED INC	COM	05350V106	7,646	204,099	SH	DFND	1 3 4	204,099	0	0
AVERY DENNISON CORP	COM	053611109	93,773	825,685	SH	DFND	1 3 4	823,317	0	2,368
AVERY DENNISON CORP	COM	053611109	1,284	11,310	SH	DFND	1 4	11,310	0	0
AVERY DENNISON CORP	COM	053611109	6,907	60,821	SH	SOLE		60,821	0	0
AVIS BUDGET GROUP INC	COM	053774105	7,023	248,504	SH	DFND	1 3 4	248,504	0	0
AVISTA CORP	COM	05379B107	25,258	521,438	SH	DFND	1 3 4	521,438	0	0
AVISTA CORP	COM	05379B107	235	4,854	SH	DFND	1 4	4,854	0	0
AVNET INC	COM	053807103	19,642	441,552	SH	DFND	1 3 4	441,552	0	0
AVNET INC	COM	053807103	442	9,935	SH	DFND	1 4	9,935	0	0
AVON PRODS INC	COM	054303102	15,385	3,496,700	SH	DFND	1 3 4	3,496,700	0	0
AXA EQUITABLE HLDGS INC	COM	054561105	1,551	70,009	SH	DFND	1 3 4	70,009	0	0
AXA EQUITABLE HLDGS INC	COM	054561105	464	20,950	SH	DFND	1 4	20,950	0	0
AXALTA COATING SYS LTD	COM	G0750C108	532	17,655	SH	DFND	1 4	17,655	0	0
AXCELIS TECHNOLOGIES INC	COM NEW	054540208	4,358	255,013	SH	DFND	1 3 4	255,013	0	0
AXIS CAPITAL HOLDINGS LTD	SHS	G0692U109	540	8,099	SH	DFND	1 4	8,099	0	0
AXON ENTERPRISE INC	COM	05464C101	383	6,741	SH	DFND	1 4	6,741	0	0
AXON ENTERPRISE INC	COM	05464C101	14,291	251,687	SH	DFND	1 3 4	251,687	0	0
AXOS FINL INC	COM	05465C100	229	8,265	SH	DFND	1 4	8,265	0	0
AXOS FINL INC	COM	05465C100	12,630	456,771	SH	DFND	1 3 4	456,771	0	0
AZZ INC	COM	002474104	8,985	206,270	SH	DFND	1 3 4	206,270	0	0
AZZ INC	COM	002474104	214	4,924	SH	DFND	1 4	4,924	0	0
B & G FOODS INC NEW	COM	05508R106	10,516	556,107	SH	DFND	1 3 4	556,107	0	0
B & G FOODS INC NEW	COM	05508R106	209	11,037	SH	DFND	1 4	11,037	0	0
BADGER METER INC	COM	056525108	14,455	269,177	SH	DFND	1 3 4	269,177	0	0
BAKER HUGHES A GE CO	CL A	05722G100	21,121	910,369	SH	DFND	1 3 4	910,369	0	0
BAKER HUGHES A GE CO	CL A	05722G100	1,369	59,015	SH	DFND	1 4	59,015	0	0
BALCHEM CORP	COM	057665200	26,294	265,097	SH	DFND	1 3 4	265,097	0	0
BALCHEM CORP	COM	057665200	369	3,719	SH	DFND	1 4	3,719	0	0

BALL CORP	COM	058498106	33,923	465,908	SH	DFND	1 3 4	465,908	0	0
BALL CORP	COM	058498106	2,432	33,404	SH	DFND	1 4	33,404	0	0
BANC OF CALIFORNIA INC	COM	05990K106	5,003	353,813	SH	DFND	1 3 4	353,813	0	0
BANCFIRST CORP	COM	05945F103	5,210	93,992	SH	DFND	1 3 4	93,992	0	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	05946K101	442	85,000	SH	DFND	1 3 4	0	0	85,000
BANCORP INC DEL	COM	05969A105	122	12,334	SH	DFND	1 3 4	12,334	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	11,793	398,267	SH	DFND	1 3 4	398,267	0	0
BANCORPSOUTH BK TUPELO MISS	COM	05971J102	207	7,004	SH	DFND	1 4	7,004	0	0
BANDWIDTH INC	COM CL A	05988J103	469	7,196	SH	DFND	1 3 4	7,196	0	0
BANK AMER CORP	COM	060505104	376,562	12,909,223	SH	DFND	1 3 4	12,909,223	0	0
BANK AMER CORP	COM	060505104	5,414	185,606	SH	DFND	1 4	185,606	0	0
BANK HAWAII CORP	COM	062540109	231	2,683	SH	DFND	1 4	2,683	0	0
BANK HAWAII CORP	COM	062540109	18,593	216,375	SH	DFND	1 3 4	216,375	0	0
BANK N S HALIFAX	COM	064149107	466	8,195	SH	DFND	1 3 4	8,195	0	0
BANK NEW YORK MELLON CORP	COM	064058100	54,377	1,202,770	SH	DFND	1 3 4	1,202,770	0	0
BANK NEW YORK MELLON CORP	COM	064058100	601	13,299	SH	DFND	1 4	13,299	0	0
BANK OF NT BUTTERFIELD&SON L	SHS NEW	G0772R208	242	8,168	SH	DFND	1 4	8,168	0	0
BANK OZK	COM	06417N103	123,338	4,522,827	SH	DFND	1 3 4	4,515,178	0	7,649
BANK OZK	COM	06417N103	324	11,892	SH	DFND	1 4	11,892	0	0
BANK OZK	COM	06417N103	11,442	419,608	SH	SOLE		419,608	0	0
BANKUNITED INC	COM	06652K103	1,170	34,797	SH	DFND	1 3 4	34,797	0	0
BANKUNITED INC	COM	06652K103	305	9,069	SH	DFND	1 4	9,069	0	0
BANNER CORP	COM NEW	06652V208	16,680	296,955	SH	DFND	1 3 4	296,955	0	0
BANNER CORP	COM NEW	06652V208	209	3,728	SH	DFND	1 4	3,728	0	0
BAOZUN INC	SPONSORED ADR	06684L103	215	5,046	SH	DFND	1 3 4	5,046	0	0
BARNES & NOBLE ED INC	COM	06777U101	937	300,389	SH	DFND	1 3 4	300,389	0	0
BARNES GROUP INC	COM	067806109	19,362	375,670	SH	DFND	1 3 4	375,670	0	0
BAXTER INTL INC	COM	071813109	64,875	741,685	SH	DFND	1 3 4	741,685	0	0
BAXTER INTL INC	COM	071813109	1,315	15,033	SH	DFND	1 4	15,033	0	0
BB&T CORP	COM	054937107	57,471	1,076,834	SH	DFND	1 3 4	1,076,834	0	0
BB&T CORP	COM	054937107	637	11,938	SH	DFND	1 4	11,938	0	0
BCE INC	COM NEW	05534B760	177,119	3,658,719	SH	DFND	1 3 4	3,634,223	0	24,496
BECTON DICKINSON & CO	COM	075887109	230,315	910,480	SH	DFND	1 3 4	909,191	0	1,289
BECTON DICKINSON & CO	COM	075887109	1,247	4,930	SH	DFND	1 4	4,930	0	0
BED BATH & BEYOND INC	COM	075896100	5,792	544,407	SH	DFND	1 3 4	544,407	0	0
BEIGENE LTD	SPONSORED ADR	07725L102	351	2,870	SH	DFND	1 3 4	2,870	0	0
BEL FUSE INC	CL B	077347300	1,202	79,992	SH	DFND	1 3 4	79,992	0	0
BELDEN INC	COM	077454106	228	4,283	SH	DFND	1 4	4,283	0	0
BELDEN INC	COM	077454106	10,294	192,994	SH	DFND	1 3 4	192,994	0	0
BELLICUM PHARMACEUTICALS INC	COM	079481107	381	362,657	SH	DFND	1 3 4	362,657	0	0
BENCHMARK ELECTRS INC	COM	08160H101	8,624	296,776	SH	DFND	1 3 4	296,776	0	0
BERKLEY W R CORP	COM	084423102	44,450	615,448	SH	DFND	1 3 4	615,448	0	0
BERKLEY W R CORP	COM	084423102	1,038	14,376	SH	DFND	1 4	14,376	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	864,128	4,154,061	SH	DFND	1 3 4	4,154,061	0	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	8,591	41,299	SH	DFND	1 4	41,299	0	0
BERKSHIRE HATHAWAY	CL B NEW	084670702	9,093	43,711	SH	SOLE		43,711	0	0

INC DEL										
BERKSHIRE HILLS BANCORP INC	COM	084680107	13,545	462,434	SH	DFND	1 3 4	462,434	0	0
BERRY GLOBAL GROUP INC	COM	08579W103	536	13,659	SH	DFND	1 4	13,659	0	0
BERRY PETE CORP	COM	08579X101	370	39,527	SH	DFND	1 3 4	39,527	0	0
BEST BUY INC	COM	086516101	24,368	353,227	SH	DFND	1 3 4	353,227	0	0
BEST BUY INC	COM	086516101	1,746	25,308	SH	DFND	1 4	25,308	0	0
BGC PARTNERS INC	CL A	05541T101	96,961	17,629,125	SH	DFND	1 3 4	17,615,243	0	13,882
BGC PARTNERS INC	CL A	05541T101	10,940	1,988,928	SH	SOLE		1,988,928	0	0
BIG LOTS INC	COM	089302103	7,548	308,077	SH	DFND	1 3 4	308,077	0	0
BILIBILI INC	SPONS ADS REP Z	090040106	223	15,827	SH	DFND	1 3 4	15,827	0	0
BIO RAD LABS INC	CL A	090572207	30,706	92,283	SH	DFND	1 3 4	92,283	0	0
BIO RAD LABS INC	CL A	090572207	501	1,506	SH	DFND	1 4	1,506	0	0
BIO TECHNE CORP	COM	09073M104	31,654	161,773	SH	DFND	1 3 4	161,773	0	0
BIO TECHNE CORP	COM	09073M104	849	4,341	SH	DFND	1 4	4,341	0	0
BIOCRYS T PHARMACEUTICALS	COM	09058V103	47	16,318	SH	DFND	1 3 4	16,318	0	0
BIOCRYS T PHARMACEUTICALS	COM	09058V103	48	16,826	SH	DFND	1 4	16,826	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	117	27,779	SH	DFND	1 3 4	27,779	0	0
BIODELIVERY SCIENCES INTL IN	COM	09060J106	61	14,394	SH	DFND	1 4	14,394	0	0
BIOGEN INC	COM	09062X103	65,018	279,261	SH	DFND	1 3 4	279,261	0	0
BIOGEN INC	COM	09062X103	1,624	6,974	SH	DFND	1 4	6,974	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	254	6,091	SH	DFND	1 3 4	6,091	0	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	211	5,057	SH	DFND	1 4	5,057	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,305	19,358	SH	DFND	1 3 4	19,358	0	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	1,328	19,703	SH	DFND	1 4	19,703	0	0
BIOTELEMETRY INC	COM	090672106	12,004	294,725	SH	DFND	1 3 4	294,725	0	0
BIOTELEMETRY INC	COM	090672106	252	6,193	SH	DFND	1 4	6,193	0	0
BJS RESTAURANTS INC	COM	09180C106	7,213	185,722	SH	DFND	1 3 4	185,722	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	332	12,826	SH	DFND	1 4	12,826	0	0
BJS WHSL CLUB HLDGS INC	COM	05550J101	26,303	1,016,754	SH	DFND	1 3 4	1,016,754	0	0
BLACK HILLS CORP	COM	092113109	19,943	259,914	SH	DFND	1 3 4	259,914	0	0
BLACK HILLS CORP	COM	092113109	494	6,442	SH	DFND	1 4	6,442	0	0
BLACK KNIGHT INC	COM	09215C105	541,431	8,867,213	SH	DFND	1 3 4	8,857,736	0	9,477
BLACK KNIGHT INC	COM	09215C105	989	16,191	SH	DFND	1 4	16,191	0	0
BLACKBAUD INC	COM	09227Q100	18,880	208,993	SH	DFND	1 3 4	208,993	0	0
BLACKBAUD INC	COM	09227Q100	748	8,285	SH	DFND	1 4	8,285	0	0
BLACKLINE INC	COM	09239B109	236	4,940	SH	DFND	1 4	4,940	0	0
BLACKROCK INC	COM	09247X101	236,387	530,444	SH	DFND	1 3 4	529,402	0	1,042
BLACKROCK INC	COM	09247X101	825	1,851	SH	DFND	1 4	1,851	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	1,245	34,715	SH	DFND	1 3 4	34,715	0	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	454	12,662	SH	DFND	1 4	12,662	0	0
BLOCK H & R INC	COM	093671105	8,465	358,384	SH	DFND	1 3 4	358,384	0	0
BLOCK H & R INC	COM	093671105	548	23,220	SH	DFND	1 4	23,220	0	0
BLOOMIN BRANDS INC	COM	094235108	13,996	739,353	SH	DFND	1 3 4	739,353	0	0
BLOOMIN BRANDS INC	COM	094235108	340	17,963	SH	DFND	1 4	17,963	0	0
BLUCORA INC	COM	095229100	8,365	386,564	SH	DFND	1 3 4	386,564	0	0
BLUEBIRD BIO INC	COM	09609G100	4,779	52,049	SH	DFND	1 3 4	52,049	0	0
BLUEBIRD BIO INC	COM	09609G100	420	4,575	SH	DFND	1 4	4,575	0	0
BLUEPRINT MEDICINES	COM	09627Y109	501	6,822	SH	DFND	1 3 4	6,822	0	0

CORP										
BLUEPRINT MEDICINES CORP	COM	09627Y109	546	7,432	SH	DFND	1 4	7,432	0	0
BMC STK HLDGS INC	COM	05591B109	804	30,704	SH	DFND	1 3 4	30,704	0	0
BOEING CO	COM	097023105	366,939	964,436	SH	DFND	1 3 4	963,485	0	951
BOEING CO	COM	097023105	9,822	25,815	SH	DFND	1 4	25,815	0	0
BOISE CASCADE CO DEL	COM	09739D100	10,990	337,214	SH	DFND	1 3 4	337,214	0	0
BOK FINL CORP	COM NEW	05561Q201	42,597	538,180	SH	DFND	1 3 4	537,755	0	425
BOK FINL CORP	COM NEW	05561Q201	4,833	61,054	SH	SOLE		61,054	0	0
BONANZA CREEK ENERGY INC	COM NEW	097793400	3,512	156,836	SH	DFND	1 3 4	156,836	0	0
BOOKING HLDGS INC	COM	09857L108	251,129	127,957	SH	DFND	1 3 4	127,957	0	0
BOOKING HLDGS INC	COM	09857L108	6,027	3,071	SH	DFND	1 4	3,071	0	0
BOOKING HLDGS INC	COM	09857L108	6,386	3,254	SH	SOLE		3,254	0	0
BOOT BARN HLDGS INC	COM	099406100	8,547	244,900	SH	DFND	1 3 4	244,900	0	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	1,352	19,032	SH	DFND	1 4	19,032	0	0
BORGWARNER INC	COM	099724106	14,911	406,519	SH	DFND	1 3 4	406,519	0	0
BORGWARNER INC	COM	099724106	738	20,129	SH	DFND	1 4	20,129	0	0
BOSTON BEER INC	CL A	100557107	15,753	43,267	SH	DFND	1 3 4	43,267	0	0
BOSTON BEER INC	CL A	100557107	351	963	SH	DFND	1 4	963	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	7,713	661,761	SH	DFND	1 3 4	661,761	0	0
BOSTON PRIVATE FINL HLDGS IN	COM	101119105	120	10,301	SH	DFND	1 4	10,301	0	0
BOSTON PROPERTIES INC	COM	101121101	40,644	313,472	SH	DFND	1 3 4	313,472	0	0
BOSTON PROPERTIES INC	COM	101121101	1,494	11,526	SH	DFND	1 4	11,526	0	0
BOSTON PROPERTIES INC	COM	101121101	362,957	2,799,305	SH	DFND	2 3 4	2,799,305	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	79,402	1,951,386	SH	DFND	1 3 4	1,951,386	0	0
BOSTON SCIENTIFIC CORP	COM	101137107	2,752	67,626	SH	DFND	1 4	67,626	0	0
BOTTOMLINE TECH DEL INC	COM	101388106	11,850	301,152	SH	DFND	1 3 4	301,152	0	0
BOX INC	CL A	10316T104	275	16,605	SH	DFND	1 4	16,605	0	0
BOYD GAMING CORP	COM	103304101	8,148	340,192	SH	DFND	1 3 4	340,192	0	0
BOYD GAMING CORP	COM	103304101	217	9,081	SH	DFND	1 4	9,081	0	0
BRADY CORP	CL A	104674106	457	8,614	SH	DFND	1 4	8,614	0	0
BRADY CORP	CL A	104674106	23,735	447,413	SH	DFND	1 3 4	447,413	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	24,635	1,626,084	SH	DFND	1 3 4	1,626,084	0	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	252	16,666	SH	DFND	1 4	16,666	0	0
BRIGGS & STRATTON CORP	COM	109043109	2,010	331,709	SH	DFND	1 3 4	331,709	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	1,308	8,577	SH	DFND	1 3 4	8,577	0	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	958	6,284	SH	DFND	1 4	6,284	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	19,151	473,217	SH	DFND	1 3 4	473,217	0	0
BRIGHTHOUSE FINL INC	COM	10922N103	414	10,239	SH	DFND	1 4	10,239	0	0
BRIGHTVIEW HLDGS INC	COM	10948C107	13,414	782,199	SH	DFND	1 3 4	782,199	0	0
BRINKER INTL INC	COM	109641100	8,571	200,878	SH	DFND	1 3 4	200,878	0	0
BRINKER INTL INC	COM	109641100	321	7,528	SH	DFND	1 4	7,528	0	0
BRINKS CO	COM	109696104	478	5,768	SH	DFND	1 4	5,768	0	0
BRINKS CO	COM	109696104	39,612	477,549	SH	DFND	1 3 4	477,549	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	2,421	47,742	SH	DFND	1 4	47,742	0	0
BRISTOL MYERS SQUIBB CO	COM	110122108	142,771	2,815,445	SH	DFND	1 3 4	2,815,445	0	0

BRIXMOR PPTY GROUP INC	COM	11120U105	25,759	1,269,526	SH	DFND	1 3 4	1,269,526	0	0
BRIXMOR PPTY GROUP INC	COM	11120U105	550	27,123	SH	DFND	1 4	27,123	0	0
BROADCOM INC	COM	11135F101	186,411	675,232	SH	DFND	1 3 4	675,232	0	0
BROADCOM INC	COM	11135F101	5,201	18,841	SH	DFND	1 4	18,841	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	48,548	390,158	SH	DFND	1 3 4	390,048	0	110
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	1,855	14,911	SH	DFND	1 4	14,911	0	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	2,049	16,465	SH	SOLE		16,465	0	0
BROOKDALE SR LIVING INC	COM	112463104	986	130,096	SH	DFND	1 3 4	130,096	0	0
BROOKDALE SR LIVING INC	COM	112463104	103	13,537	SH	DFND	1 4	13,537	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	1,179,299	22,213,285	SH	DFND	1 3 4	22,213,285	0	0
BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	112585104	8,095	152,482	SH	SOLE		152,482	0	0
BROOKFIELD BUSINESS PARTNERS	UNIT LTD LP	G16234109	21,221	540,128	SH	DFND	1 3 4	540,128	0	0
BROOKFIELD INFRAST PARTNERS	LP INT UNIT	G16252101	331,386	6,679,898	SH	DFND	1 3 4	6,679,898	0	0
BROOKFIELD PROPERTY PARTRS L	UNIT LTD PARTN	G16249107	66,964	3,298,739	SH	DFND	1 3 4	3,298,739	0	0
BROOKFIELD PROPERTY REIT INC	CL A	11282X103	10,005	490,687	SH	DFND	1 3 4	490,687	0	0
BROOKFIELD PROPERTY REIT INC	CL A	11282X103	238	11,649	SH	DFND	1 4	11,649	0	0
BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	G16258108	102,288	2,518,174	SH	DFND	1 3 4	2,518,174	0	0
BROOKLINE BANCORP INC DEL	COM	11373M107	9,275	629,675	SH	DFND	1 3 4	629,675	0	0
BROOKS AUTOMATION INC	COM	114340102	21,094	569,651	SH	DFND	1 3 4	569,651	0	0
BROOKS AUTOMATION INC	COM	114340102	290	7,837	SH	DFND	1 4	7,837	0	0
BROWN & BROWN INC	COM	115236101	349,922	9,703,898	SH	DFND	1 3 4	9,703,898	0	0
BROWN & BROWN INC	COM	115236101	908	25,179	SH	DFND	1 4	25,179	0	0
BROWN FORMAN CORP	CL A	115637100	365	6,112	SH	DFND	1 4	6,112	0	0
BROWN FORMAN CORP	CL B	115637209	1,047	16,682	SH	DFND	1 4	16,682	0	0
BROWN FORMAN CORP	CL B	115637209	152,100	2,422,771	SH	DFND	1 3 4	2,422,771	0	0
BRUKER CORP	COM	116794108	609	13,869	SH	DFND	1 4	13,869	0	0
BRUNSWICK CORP	COM	117043109	18,999	364,520	SH	DFND	1 3 4	364,520	0	0
BRUNSWICK CORP	COM	117043109	394	7,564	SH	DFND	1 4	7,564	0	0
BUCKLE INC	COM	118440106	4,685	227,431	SH	DFND	1 3 4	227,431	0	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	443	21,551	SH	DFND	1 4	21,551	0	0
BUNGE LIMITED	COM	G16962105	4,844	85,559	SH	DFND	1 3 4	85,559	0	0
BUNGE LIMITED	COM	G16962105	840	14,833	SH	DFND	1 4	14,833	0	0
BURLINGTON STORES INC	COM	122017106	1,338	6,695	SH	DFND	1 4	6,695	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	1,138	13,426	SH	DFND	1 4	13,426	0	0
C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	17,153	202,326	SH	DFND	1 3 4	202,326	0	0
C&J ENERGY SVCS INC NEW	COM	12674R100	5,588	520,766	SH	DFND	1 3 4	520,766	0	0
CABLE ONE INC	COM	12685J105	609	485	SH	DFND	1 4	485	0	0
CABLE ONE INC	COM	12685J105	26,928	21,462	SH	DFND	1 3 4	21,462	0	0
CABOT CORP	COM	127055101	28,880	637,245	SH	DFND	1 3 4	637,245	0	0
CABOT CORP	COM	127055101	233	5,134	SH	DFND	1 4	5,134	0	0
CABOT MICROELECTRONICS CORP	COM	12709P103	36,833	260,839	SH	DFND	1 3 4	260,839	0	0

CABOT MICROELECTRONICS CORP	COM	12709P103	679	4,805	SH	DFND	1 4	4,805	0	0
CABOT OIL & GAS CORP	COM	127097103	11,178	636,181	SH	DFND	1 3 4	636,181	0	0
CABOT OIL & GAS CORP	COM	127097103	925	52,671	SH	DFND	1 4	52,671	0	0
CACI INTL INC	CL A	127190304	59,930	259,145	SH	DFND	1 3 4	259,145	0	0
CACI INTL INC	CL A	127190304	524	2,266	SH	DFND	1 4	2,266	0	0
CADENCE BANCORPORATION	CL A	12739A100	20,305	1,157,617	SH	DFND	1 3 4	1,157,617	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	2,318	35,076	SH	DFND	1 4	35,076	0	0
CADENCE DESIGN SYSTEM INC	COM	127387108	32,776	496,009	SH	DFND	1 3 4	496,009	0	0
CAESARS ENTMT CORP	COM	127686103	27,525	2,360,640	SH	DFND	1 3 4	2,360,640	0	0
CAESARS ENTMT CORP	COM	127686103	325	27,852	SH	DFND	1 4	27,852	0	0
CAL MAINE FOODS INC	COM NEW	128030202	9,544	238,877	SH	DFND	1 3 4	238,877	0	0
CALAMP CORP	COM	128126109	3,056	265,251	SH	DFND	1 3 4	265,251	0	0
CALAVO GROWERS INC	COM	128246105	12,284	129,061	SH	DFND	1 3 4	129,061	0	0
CALAVO GROWERS INC	COM	128246105	256	2,694	SH	DFND	1 4	2,694	0	0
CALERES INC	COM	129500104	23,419	1,000,365	SH	DFND	1 3 4	1,000,365	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	23,824	450,096	SH	DFND	1 3 4	450,096	0	0
CALIFORNIA WTR SVC GROUP	COM	130788102	289	5,459	SH	DFND	1 4	5,459	0	0
CALLAWAY GOLF CO	COM	131193104	14,450	744,483	SH	DFND	1 3 4	744,483	0	0
CALLON PETE CO DEL	COM	13123X102	8,895	2,049,559	SH	DFND	1 3 4	2,049,559	0	0
CALLON PETE CO DEL	COM	13123X102	73	16,786	SH	DFND	1 4	16,786	0	0
CAMBREX CORP	COM	132011107	17,030	286,216	SH	DFND	1 3 4	286,216	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	47,826	430,827	SH	DFND	1 3 4	430,827	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	1,026	9,242	SH	DFND	1 4	9,242	0	0
CAMDEN PPTY TR	SH BEN INT	133131102	1,743	15,700	SH	DFND	2 3 4	15,700	0	0
CAMPBELL SOUP CO	COM	134429109	11,141	237,444	SH	DFND	1 3 4	237,444	0	0
CAMPBELL SOUP CO	COM	134429109	958	20,420	SH	DFND	1 4	20,420	0	0
CANTEL MEDICAL CORP	COM	138098108	11,677	156,111	SH	DFND	1 3 4	156,111	0	0
CAPITAL ONE FINL CORP	COM	14040H105	61,427	675,175	SH	DFND	1 3 4	675,175	0	0
CAPITAL ONE FINL CORP	COM	14040H105	1,157	12,713	SH	DFND	1 4	12,713	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	19,994	602,959	SH	DFND	1 3 4	602,959	0	0
CAPRI HOLDINGS LIMITED	SHS	G1890L107	469	14,142	SH	DFND	1 4	14,142	0	0
CAPSTEAD MTG CORP	COM NO PAR	14067E506	5,563	756,832	SH	DFND	1 3 4	756,832	0	0
CARDINAL HEALTH INC	COM	14149Y108	19,771	418,967	SH	DFND	1 3 4	418,967	0	0
CARDINAL HEALTH INC	COM	14149Y108	992	21,031	SH	DFND	1 4	21,031	0	0
CARDIOVASCULAR SYS INC DEL	COM	141619106	14,510	305,346	SH	DFND	1 3 4	305,346	0	0
CARDIOVASCULAR SYS INC DEL	COM	141619106	289	6,077	SH	DFND	1 4	6,077	0	0
CARDTRONICS PLC	SHS CL A	G1991C105	8,751	289,397	SH	DFND	1 3 4	289,397	0	0
CARE COM INC	COM	141633107	2,436	233,074	SH	DFND	1 3 4	233,074	0	0
CAREDX INC	COM	14167L103	563	24,897	SH	DFND	1 3 4	24,897	0	0
CAREER EDUCATION CORP	COM	141665109	8,800	553,785	SH	DFND	1 3 4	553,785	0	0
CAREER EDUCATION CORP	COM	141665109	218	13,713	SH	DFND	1 4	13,713	0	0
CARETRUST REIT INC	COM	14174T107	21,570	917,673	SH	DFND	1 3 4	917,673	0	0
CARETRUST REIT INC	COM	14174T107	408	17,348	SH	DFND	1 4	17,348	0	0
CARGURUS INC	COM CL A	141788109	388	12,521	SH	DFND	1 4	12,521	0	0
CARLISLE COS INC	COM	142339100	35,018	240,609	SH	DFND	1 3 4	240,609	0	0
CARLISLE COS INC	COM	142339100	1,200	8,246	SH	DFND	1 4	8,246	0	0
CARMAX INC	COM	143130102	688,302	7,821,609	SH	DFND	1 3 4	7,821,609	0	0
CARMAX INC	COM	143130102	1,286	14,612	SH	DFND	1 4	14,612	0	0

CARNIVAL CORP	UNIT 99/99/9999	143658300	24,588	562,516	SH	DFND	1 3 4	562,516	0	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	272	6,212	SH	DFND	1 4	6,212	0	0
CARPENTER TECHNOLOGY CORP	COM	144285103	11,358	219,853	SH	DFND	1 3 4	219,853	0	0
CARRIZO OIL & GAS INC	COM	144577103	14,716	1,714,198	SH	DFND	1 3 4	1,714,198	0	0
CARTERS INC	COM	146229109	492	5,390	SH	DFND	1 4	5,390	0	0
CARTERS INC	COM	146229109	18,393	201,653	SH	DFND	1 3 4	201,653	0	0
CARVANA CO	CL A	146869102	21,832	330,795	SH	DFND	1 3 4	330,795	0	0
CASELLA WASTE SYS INC	CL A	147448104	221	5,146	SH	DFND	1 4	5,146	0	0
CASEYS GEN STORES INC	COM	147528103	25,231	156,557	SH	DFND	1 3 4	156,557	0	0
CASEYS GEN STORES INC	COM	147528103	555	3,443	SH	DFND	1 4	3,443	0	0
CASS INFORMATION SYS INC	COM	14808P109	236	4,375	SH	DFND	1 3 4	4,375	0	0
CASTLIGHT HEALTH INC	CL B	14862Q100	29	20,885	SH	DFND	1 4	20,885	0	0
CATALENT INC	COM	148806102	29,584	620,730	SH	DFND	1 3 4	620,730	0	0
CATALENT INC	COM	148806102	488	10,233	SH	DFND	1 4	10,233	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	81	15,291	SH	DFND	1 3 4	15,291	0	0
CATALYST PHARMACEUTICALS INC	COM	14888U101	77	14,510	SH	DFND	1 4	14,510	0	0
CATERPILLAR INC DEL	COM	149123101	1,274	10,089	SH	DFND	1 4	10,089	0	0
CATERPILLAR INC DEL	COM	149123101	99,547	788,113	SH	DFND	1 3 4	788,113	0	0
CATHAY GEN BANCORP	COM	149150104	93,785	2,700,023	SH	DFND	1 3 4	2,698,799	0	1,224
CATHAY GEN BANCORP	COM	149150104	5,918	170,364	SH	SOLE		170,364	0	0
CATO CORP NEW	CL A	149205106	3,171	180,097	SH	DFND	1 3 4	180,097	0	0
CAVCO INDS INC DEL	COM	149568107	13,041	67,892	SH	DFND	1 3 4	67,892	0	0
CBL & ASSOC PPTYS INC	COM	124830100	1,765	1,368,226	SH	DFND	1 3 4	1,368,226	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	18,039	156,987	SH	DFND	1 3 4	156,987	0	0
CBOE GLOBAL MARKETS INC	COM	12503M108	791	6,880	SH	DFND	1 4	6,880	0	0
CBRE GROUP INC	CL A	12504L109	494,192	9,322,610	SH	DFND	1 3 4	9,322,610	0	0
CBRE GROUP INC	CL A	12504L109	1,405	26,511	SH	DFND	1 4	26,511	0	0
CBRE GROUP INC	CL A	12504L109	1,181	22,282	SH	DFND	2 3 4	22,282	0	0
CBS CORP NEW	CL B	124857202	19,347	479,231	SH	DFND	1 3 4	479,231	0	0
CBS CORP NEW	CL B	124857202	1,607	39,799	SH	DFND	1 4	39,799	0	0
CDK GLOBAL INC	COM	12508E101	25,463	529,489	SH	DFND	1 3 4	529,489	0	0
CDK GLOBAL INC	COM	12508E101	763	15,856	SH	DFND	1 4	15,856	0	0
CDW CORP	COM	12514G108	25,827	209,565	SH	DFND	1 3 4	209,565	0	0
CDW CORP	COM	12514G108	2,238	18,159	SH	DFND	1 4	18,159	0	0
CEDAR REALTY TRUST INC	COM NEW	150602209	2,033	677,812	SH	DFND	1 3 4	677,812	0	0
CEDAR REALTY TRUST INC	COM NEW	150602209	30	10,048	SH	DFND	1 4	10,048	0	0
CELANESE CORP DEL	COM	150870103	22,451	183,585	SH	DFND	1 3 4	183,585	0	0
CELANESE CORP DEL	COM	150870103	1,383	11,310	SH	DFND	1 4	11,310	0	0
CELGENE CORP	COM	151020104	104,186	1,049,202	SH	DFND	1 3 4	1,049,202	0	0
CELGENE CORP	COM	151020104	4,600	46,321	SH	DFND	1 4	46,321	0	0
CENTENE CORP DEL	COM	15135B101	25,084	579,842	SH	DFND	1 3 4	579,842	0	0
CENTENE CORP DEL	COM	15135B101	2,183	50,463	SH	DFND	1 4	50,463	0	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	100	22,038	SH	DFND	1 4	22,038	0	0
CENTERPOINT ENERGY INC	COM	15189T107	22,349	740,514	SH	DFND	1 3 4	740,514	0	0
CENTERPOINT ENERGY INC	COM	15189T107	1,072	35,510	SH	DFND	1 4	35,510	0	0

CENTERSTATE BK CORP	COM	15201P109	221	9,219	SH	DFND	1 4	9,219	0	0
CENTRAL EUROPEAN MEDIA ENTRP	CL A NEW	G20045202	66	14,702	SH	DFND	1 4	14,702	0	0
CENTRAL GARDEN & PET CO	COM	153527106	2,408	82,389	SH	DFND	1 3 4	82,389	0	0
CENTRAL GARDEN & PET CO	CL A NON-VTG	153527205	23,044	831,180	SH	DFND	1 3 4	831,180	0	0
CENTRAL PAC FINL CORP	COM NEW	154760409	6,931	244,037	SH	DFND	1 3 4	244,037	0	0
CENTURY ALUM CO	COM	156431108	2,605	392,635	SH	DFND	1 3 4	392,635	0	0
CENTURY CMNTYS INC	COM	156504300	6,324	206,471	SH	DFND	1 3 4	206,471	0	0
CENTURYLINK INC	COM	156700106	17,182	1,376,748	SH	DFND	1 3 4	1,376,748	0	0
CENTURYLINK INC	COM	156700106	949	76,050	SH	DFND	1 4	76,050	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	8,788	177,996	SH	DFND	1 3 4	177,996	0	0
CERIDIAN HCM HLDG INC	COM	15677J108	427	8,651	SH	DFND	1 4	8,651	0	0
CERNER CORP	COM	156782104	30,430	446,380	SH	DFND	1 3 4	446,380	0	0
CERNER CORP	COM	156782104	2,586	37,934	SH	DFND	1 4	37,934	0	0
CERUS CORP	COM	157085101	290	56,251	SH	DFND	1 3 4	56,251	0	0
CERUS CORP	COM	157085101	109	21,161	SH	DFND	1 4	21,161	0	0
CEVA INC	COM	157210105	5,173	173,245	SH	DFND	1 3 4	173,245	0	0
CF INDS HLDGS INC	COM	125269100	19,750	401,424	SH	DFND	1 3 4	401,424	0	0
CF INDS HLDGS INC	COM	125269100	889	18,063	SH	DFND	1 4	18,063	0	0
CHAPARRAL ENERGY INC	COM CL A	15942R208	1,548	1,155,102	SH	DFND	1 3 4	1,155,102	0	0
CHARLES RIV LABS INTL INC	COM	159864107	27,460	207,446	SH	DFND	1 3 4	207,446	0	0
CHARLES RIV LABS INTL INC	COM	159864107	796	6,012	SH	DFND	1 4	6,012	0	0
CHART INDS INC	COM PAR \$0.01	16115Q308	18,964	304,105	SH	DFND	1 3 4	304,105	0	0
CHART INDS INC	COM PAR \$0.01	16115Q308	255	4,084	SH	DFND	1 4	4,084	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	2,310	5,606	SH	DFND	1 4	5,606	0	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	1,218	2,954	SH	SOLE		2,947	0	7
CHARTER COMMUNICATIONS INC N	CL A	16119P108	139,619	338,782	SH	DFND	1 3 4	338,782	0	0
CHATHAM LODGING TR	COM	16208T102	6,717	370,071	SH	DFND	1 3 4	370,071	0	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	1,059	9,675	SH	DFND	1 3 4	9,675	0	0
CHEESECAKE FACTORY INC	COM	163072101	8,681	208,277	SH	DFND	1 3 4	208,277	0	0
CHEESECAKE FACTORY INC	COM	163072101	342	8,209	SH	DFND	1 4	8,209	0	0
CHEFS WHSE INC	COM	163086101	8,365	207,472	SH	DFND	1 3 4	207,472	0	0
CHEGG INC	COM	163092109	403	13,442	SH	DFND	1 4	13,442	0	0
CHEMED CORP NEW	COM	16359R103	28,398	68,007	SH	DFND	1 3 4	68,007	0	0
CHEMED CORP NEW	COM	16359R103	823	1,971	SH	DFND	1 4	1,971	0	0
CHEMOURS CO	COM	163851108	13,486	902,705	SH	DFND	1 3 4	902,705	0	0
CHEMOURS CO	COM	163851108	216	14,479	SH	DFND	1 4	14,479	0	0
CHENIERE ENERGY INC	COM NEW	16411R208	1,287	20,406	SH	DFND	1 4	20,406	0	0
CHESAPEAKE ENERGY CORP	COM	165167107	6,754	4,790,251	SH	DFND	1 3 4	4,790,251	0	0
CHESAPEAKE UTILS CORP	COM	165303108	603	6,323	SH	DFND	1 3 4	6,323	0	0
CHESAPEAKE UTILS CORP	COM	165303108	255	2,675	SH	DFND	1 4	2,675	0	0
CHEVRON CORP NEW	COM	166764100	515,167	4,343,737	SH	DFND	1 3 4	4,341,144	0	2,593
CHEVRON CORP NEW	COM	166764100	4,811	40,569	SH	DFND	1 4	40,569	0	0

CHICOS FAS INC	COM	168615102	4,208	1,044,174	SH	DFND	1 3 4	1,044,174	0	0
CHICOS FAS INC	COM	168615102	49	12,189	SH	DFND	1 4	12,189	0	0
CHILDRENS PL INC	COM	168905107	9,522	123,677	SH	DFND	1 3 4	123,677	0	0
CHIMERA INVT CORP	COM NEW	16934Q208	340	17,363	SH	DFND	1 4	17,363	0	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	51,935	61,793	SH	DFND	1 3 4	61,351	0	442
CHIPOTLE MEXICAN GRILL INC	COM	169656105	2,210	2,630	SH	DFND	1 4	2,630	0	0
CHOICE HOTELS INTL INC	COM	169905106	424	4,762	SH	DFND	1 4	4,762	0	0
CHUBB LIMITED	COM	H1467J104	309,828	1,919,153	SH	DFND	1 3 4	1,913,685	0	5,468
CHUBB LIMITED	COM	H1467J104	1,148	7,112	SH	DFND	1 4	7,112	0	0
CHURCH & DWIGHT INC	COM	171340102	47,479	631,036	SH	DFND	1 3 4	621,238	0	9,798
CHURCH & DWIGHT INC	COM	171340102	2,162	28,739	SH	DFND	1 4	28,739	0	0
CHURCHILL DOWNS INC	COM	171484108	18,685	151,349	SH	DFND	1 3 4	151,349	0	0
CHURCHILL DOWNS INC	COM	171484108	501	4,056	SH	DFND	1 4	4,056	0	0
CHUYS HLDGS INC	COM	171604101	3,245	131,042	SH	DFND	1 3 4	131,042	0	0
CIENA CORP	COM NEW	171779309	26,390	672,683	SH	DFND	1 3 4	672,683	0	0
CIENA CORP	COM NEW	171779309	549	13,995	SH	DFND	1 4	13,995	0	0
CIGNA CORP NEW	COM	125523100	84,307	555,419	SH	DFND	1 3 4	555,419	0	0
CIGNA CORP NEW	COM	125523100	3,361	22,145	SH	DFND	1 4	22,145	0	0
CIMAREX ENERGY CO	COM	171798101	76,135	1,588,135	SH	DFND	1 3 4	1,580,109	0	8,026
CIMAREX ENERGY CO	COM	171798101	438	9,138	SH	DFND	1 4	9,138	0	0
CIMPRESS N V	SHS EURO	N20146101	332	2,519	SH	DFND	1 4	2,519	0	0
CINCINNATI BELL INC NEW	COM NEW	171871502	2,016	397,682	SH	DFND	1 3 4	397,682	0	0
CINCINNATI FINL CORP	COM	172062101	24,824	212,769	SH	DFND	1 3 4	212,769	0	0
CINCINNATI FINL CORP	COM	172062101	1,549	13,281	SH	DFND	1 4	13,281	0	0
CINEMARK HOLDINGS INC	COM	17243V102	17,527	453,588	SH	DFND	1 3 4	453,588	0	0
CINEMARK HOLDINGS INC	COM	17243V102	374	9,683	SH	DFND	1 4	9,683	0	0
CINTAS CORP	COM	172908105	31,340	116,897	SH	DFND	1 3 4	116,897	0	0
CINTAS CORP	COM	172908105	2,386	8,900	SH	DFND	1 4	8,900	0	0
CIRCOR INTL INC	COM	17273K109	5,895	156,998	SH	DFND	1 3 4	156,998	0	0
CIRRUS LOGIC INC	COM	172755100	13,333	248,839	SH	DFND	1 3 4	248,839	0	0
CIRRUS LOGIC INC	COM	172755100	326	6,078	SH	DFND	1 4	6,078	0	0
CISCO SYS INC	COM	17275R102	358,563	7,256,881	SH	DFND	1 3 4	7,240,879	0	16,002
CISCO SYS INC	COM	17275R102	15,439	312,462	SH	DFND	1 4	312,462	0	0
CISION LTD	SHS	G1992S109	116	15,050	SH	DFND	1 4	15,050	0	0
CIT GROUP INC	COM NEW	125581801	1,257	27,750	SH	DFND	1 3 4	27,750	0	0
CIT GROUP INC	COM NEW	125581801	457	10,089	SH	DFND	1 4	10,089	0	0
CITIGROUP INC	COM NEW	172967424	253,435	3,668,725	SH	DFND	1 3 4	3,668,725	0	0
CITIGROUP INC	COM NEW	172967424	3,572	51,711	SH	DFND	1 4	51,711	0	0
CITIZENS FINL GROUP INC	COM	174610105	23,273	657,974	SH	DFND	1 3 4	657,974	0	0
CITIZENS FINL GROUP INC	COM	174610105	1,695	47,925	SH	DFND	1 4	47,925	0	0
CITRIX SYS INC	COM	177376100	1,690	17,508	SH	DFND	1 4	17,508	0	0
CITRIX SYS INC	COM	177376100	16,830	174,366	SH	DFND	1 3 4	174,366	0	0
CITY HLDG CO	COM	177835105	10,344	135,662	SH	DFND	1 3 4	135,662	0	0
CITY OFFICE REIT INC	COM	178587101	5,485	381,186	SH	DFND	2 3 4	381,186	0	0
CLEAN ENERGY FUELS CORP	COM	184499101	30	14,672	SH	DFND	1 4	14,672	0	0
CLEAN HARBORS INC	COM	184496107	17,264	223,626	SH	DFND	1 3 4	223,626	0	0
CLEAN HARBORS INC	COM	184496107	361	4,676	SH	DFND	1 4	4,676	0	0
CLEARWATER PAPER CORP	COM	18538R103	2,753	130,348	SH	DFND	1 3 4	130,348	0	0
CLEVELAND CLIFFS INC	COM	185899101	10,069	1,394,654	SH	DFND	1 3 4	1,394,654	0	0
CLEVELAND CLIFFS INC	COM	185899101	255	35,261	SH	DFND	1 4	35,261	0	0
CLOROX CO DEL	COM	189054109	26,926	177,296	SH	DFND	1 3 4	177,296	0	0

CLOROX CO DEL	COM	189054109	1,815	11,949	SH	DFND	1 4	11,949	0	0
CLOUDERA INC	COM	18914U100	162	18,312	SH	DFND	1 4	18,312	0	0
CLOUDFLARE INC	CL A COM	18915M107	7,687	413,974	SH	DFND	1 3 4	413,974	0	0
CLOVIS ONCOLOGY INC	COM	189464100	305	77,511	SH	DFND	1 3 4	77,511	0	0
CME GROUP INC	COM	12572Q105	1,168	5,526	SH	DFND	1 4	5,526	0	0
CME GROUP INC	COM	12572Q105	106,016	501,637	SH	DFND	1 3 4	501,637	0	0
CMS ENERGY CORP	COM	125896100	25,453	398,015	SH	DFND	1 3 4	398,015	0	0
CMS ENERGY CORP	COM	125896100	1,167	18,245	SH	DFND	1 4	18,245	0	0
CNO FINL GROUP INC	COM	12621E103	10,504	663,528	SH	DFND	1 3 4	663,528	0	0
CNO FINL GROUP INC	COM	12621E103	186	11,739	SH	DFND	1 4	11,739	0	0
CNX RESOURCES CORPORATION	COM	12653C108	5,784	796,678	SH	DFND	1 3 4	796,678	0	0
CNX RESOURCES CORPORATION	COM	12653C108	153	21,079	SH	DFND	1 4	21,079	0	0
COCA COLA CO	COM	191216100	466,889	8,576,212	SH	DFND	1 3 4	8,568,759	0	7,453
COCA COLA CO	COM	191216100	10,935	200,870	SH	DFND	1 4	200,870	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	11,125	36,611	SH	DFND	1 3 4	36,611	0	0
COCA COLA CONSOLIDATED INC	COM	191098102	231	761	SH	DFND	1 4	761	0	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	1,461	26,340	SH	DFND	1 3 4	26,340	0	0
COEUR MNG INC	COM NEW	192108504	72	14,895	SH	DFND	1 4	14,895	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	19,516	354,197	SH	DFND	1 3 4	354,197	0	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	268	4,856	SH	DFND	1 4	4,856	0	0
COGNEX CORP	COM	192422103	63,948	1,301,603	SH	DFND	1 3 4	1,301,603	0	0
COGNEX CORP	COM	192422103	968	19,702	SH	DFND	1 4	19,702	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	46,819	776,890	SH	DFND	1 3 4	776,890	0	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	846	14,039	SH	DFND	1 4	14,039	0	0
COHEN & STEERS INC	COM	19247A100	827	15,054	SH	DFND	1 3 4	15,054	0	0
COHEN & STEERS INC	COM	19247A100	214	3,899	SH	DFND	1 4	3,899	0	0
COHERENT INC	COM	192479103	15,659	101,865	SH	DFND	1 3 4	101,865	0	0
COHERENT INC	COM	192479103	331	2,152	SH	DFND	1 4	2,152	0	0
COHERUS BIOSCIENCES INC	COM	19249H103	219	10,818	SH	DFND	1 3 4	10,818	0	0
COHU INC	COM	192576106	4,405	326,208	SH	DFND	1 3 4	326,208	0	0
COLFAX CORP	COM	194014106	205,423	7,068,921	SH	DFND	1 3 4	7,068,921	0	0
COLGATE PALMOLIVE CO	COM	194162103	107,957	1,468,609	SH	DFND	1 3 4	1,468,609	0	0
COLGATE PALMOLIVE CO	COM	194162103	965	13,125	SH	DFND	1 4	13,125	0	0
COLUMBIA BKG SYS INC	COM	197236102	22,200	601,628	SH	DFND	1 3 4	601,628	0	0
COLUMBIA PPTY TR INC	COM NEW	198287203	256	12,124	SH	DFND	1 4	12,124	0	0
COLUMBIA SPORTSWEAR CO	COM	198516106	436	4,504	SH	DFND	1 4	4,504	0	0
COLUMBUS MCKINNON CORP N Y	COM	199333105	8,693	238,626	SH	DFND	1 3 4	238,626	0	0
COMCAST CORP NEW	CL A	20030N101	13,069	289,897	SH	DFND	1 4	289,897	0	0
COMCAST CORP NEW	CL A	20030N101	356,714	7,912,919	SH	DFND	1 3 4	7,912,919	0	0
COMERICA INC	COM	200340107	1,093	16,567	SH	DFND	1 4	16,567	0	0
COMERICA INC	COM	200340107	17,538	265,761	SH	DFND	1 3 4	265,761	0	0
COMFORT SYS USA INC	COM	199908104	14,012	316,804	SH	DFND	1 3 4	316,804	0	0
COMFORT SYS USA INC	COM	199908104	323	7,302	SH	DFND	1 4	7,302	0	0
COMMERCE BANCSHARES INC	COM	200525103	26,189	431,798	SH	DFND	1 3 4	431,798	0	0
COMMERCIAL METALS CO	COM	201723103	8,705	500,885	SH	DFND	1 3 4	500,885	0	0

COMMUNITY BK SYS INC	COM	203607106	26,502	429,594	SH	DFND	1 3 4	429,594	0	0
COMMUNITY BK SYS INC	COM	203607106	232	3,761	SH	DFND	1 4	3,761	0	0
COMMUNITY HEALTH SYS INC NEW	COM	203668108	3,665	1,018,072	SH	DFND	1 3 4	1,018,072	0	0
COMMUNITY HEALTHCARE TR INC	COM	20369C106	6,410	143,883	SH	DFND	1 3 4	143,883	0	0
COMMVault SYSTEMS INC	COM	204166102	7,894	176,549	SH	DFND	1 3 4	176,549	0	0
COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	20441A102	4,310	362,834	SH	DFND	1 3 4	362,834	0	0
COMPASS MINERALS INTL INC	COM	20451N101	8,130	143,924	SH	DFND	1 3 4	143,924	0	0
COMPASS MINERALS INTL INC	COM	20451N101	222	3,931	SH	DFND	1 4	3,931	0	0
COMPUTER PROGRAMS & SYS INC	COM	205306103	2,423	107,172	SH	DFND	1 3 4	107,172	0	0
COMTECH TELECOMMUNICATIONS C	COM NEW	205826209	6,733	207,178	SH	DFND	1 3 4	207,178	0	0
CONAGRA BRANDS INC	COM	205887102	20,916	681,738	SH	DFND	1 3 4	681,738	0	0
CONAGRA BRANDS INC	COM	205887102	1,040	33,913	SH	DFND	1 4	33,913	0	0
CONCHO RES INC	COM	20605P101	19,124	281,652	SH	DFND	1 3 4	281,652	0	0
CONCHO RES INC	COM	20605P101	942	13,880	SH	DFND	1 4	13,880	0	0
CONDUENT INC	COM	206787103	79	12,685	SH	DFND	1 4	12,685	0	0
CONFORMIS INC	COM	20717E101	25	13,638	SH	DFND	1 4	13,638	0	0
CONMED CORP	COM	207410101	441	4,591	SH	DFND	1 4	4,591	0	0
CONMED CORP	COM	207410101	4,333	45,057	SH	SOLE		45,057	0	0
CONMED CORP	COM	207410101	63,782	663,360	SH	DFND	1 3 4	663,008	0	352
CONNECTICUT WTR SVC INC	COM	207797101	896	12,795	SH	DFND	1 3 4	12,795	0	0
CONNECTONE BANCORP INC NEW	COM	20786W107	262	11,802	SH	DFND	1 3 4	11,802	0	0
CONNIS INC	COM	208242107	3,740	150,459	SH	DFND	1 3 4	150,459	0	0
CONOCOPHILLIPS	COM	20825C104	122,284	2,146,081	SH	DFND	1 3 4	2,146,081	0	0
CONOCOPHILLIPS	COM	20825C104	1,503	26,375	SH	DFND	1 4	26,375	0	0
CONSOL ENERGY INC NEW	COM	20854L108	3,382	216,366	SH	DFND	1 3 4	216,366	0	0
CONSOLIDATED COMM HLDGS INC	COM	209034107	2,922	613,793	SH	DFND	1 3 4	613,793	0	0
CONSOLIDATED EDISON INC	COM	209115104	43,982	465,569	SH	DFND	1 3 4	465,569	0	0
CONSOLIDATED EDISON INC	COM	209115104	3,085	32,654	SH	DFND	1 4	32,654	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	513	2,473	SH	DFND	1 4	2,473	0	0
CONSTELLATION BRANDS INC	CL A	21036P108	49,484	238,731	SH	DFND	1 3 4	238,731	0	0
CONTINENTAL BLDG PRODS INC	COM	211171103	727	26,633	SH	DFND	1 3 4	26,633	0	0
CONTINENTAL RESOURCES INC	COM	212015101	259	8,421	SH	DFND	1 4	8,421	0	0
COOPER COS INC	COM NEW	216648402	20,664	69,575	SH	DFND	1 3 4	69,575	0	0
COOPER COS INC	COM NEW	216648402	1,470	4,950	SH	DFND	1 4	4,950	0	0
COOPER STD HLDGS INC	COM	21676P103	5,472	133,843	SH	DFND	1 3 4	133,843	0	0
COOPER TIRE & RUBBR CO	COM	216831107	10,337	395,754	SH	DFND	1 3 4	395,754	0	0
COPA HOLDINGS SA	CL A	P31076105	346	3,500	SH	DFND	1 3 4	0	0	3,500
COPA HOLDINGS SA	CL A	P31076105	288	2,918	SH	DFND	1 4	2,918	0	0
COPART INC	COM	217204106	538,929	6,708,932	SH	DFND	1 3 4	6,708,932	0	0
COPART INC	COM	217204106	1,680	20,909	SH	DFND	1 4	20,909	0	0
CORCEPT THERAPEUTICS INC	COM	218352102	11,407	807,030	SH	DFND	1 3 4	807,030	0	0
CORCEPT	COM	218352102	257	18,204	SH	DFND	1 4	18,204	0	0

THERAPEUTICS INC										
CORE LABORATORIES NV	COM	N22717107	18,949	406,447	SH	DFND	1 3 4	401,147	0	5,300
CORE MARK HOLDING CO INC	COM	218681104	11,905	370,701	SH	DFND	1 3 4	370,701	0	0
CORECIVIC INC	COM	21871N101	8,751	506,408	SH	DFND	1 3 4	506,408	0	0
CORELOGIC INC	COM	21871D103	15,776	340,948	SH	DFND	1 3 4	340,948	0	0
CORELOGIC INC	COM	21871D103	470	10,154	SH	DFND	1 4	10,154	0	0
COREPOINT LODGING INC	COM	21872L104	238	23,496	SH	DFND	1 3 4	23,496	0	0
CORESITE RLTY CORP	COM	21870Q105	19,093	156,696	SH	DFND	1 3 4	156,696	0	0
CORESITE RLTY CORP	COM	21870Q105	239	1,958	SH	DFND	1 4	1,958	0	0
CORESITE RLTY CORP	COM	21870Q105	15,552	127,632	SH	DFND	2 3 4	127,632	0	0
CORINDUS VASCULAR ROBOTICS I	COM	218730109	65	15,102	SH	DFND	1 4	15,102	0	0
CORMEDIX INC	COM	21900C308	170	26,595	SH	DFND	1 3 4	26,595	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	548	10,001	SH	DFND	1 4	10,001	0	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	504	9,193	SH	DFND	1 3 4	9,193	0	0
CORNING INC	COM	219350105	31,280	1,096,791	SH	DFND	1 3 4	1,096,791	0	0
CORNING INC	COM	219350105	1,214	42,553	SH	DFND	1 4	42,553	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	14,161	475,510	SH	DFND	1 3 4	475,510	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	316	10,600	SH	DFND	1 4	10,600	0	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	4,978	167,180	SH	DFND	2 3 4	167,180	0	0
CORTEVA INC	COM	22052L104	50,683	1,810,102	SH	DFND	1 3 4	1,809,176	0	926
CORTEVA INC	COM	22052L104	1,355	48,393	SH	DFND	1 4	48,393	0	0
CORVEL CORP	COM	221006109	5,697	75,252	SH	DFND	1 3 4	75,252	0	0
COSTAR GROUP INC	COM	22160N109	676	1,140	SH	DFND	1 3 4	1,140	0	0
COSTAR GROUP INC	COM	22160N109	2,540	4,282	SH	DFND	1 4	4,282	0	0
COSTCO WHSL CORP NEW	COM	22160K105	1,112	3,862	SH	SOLE		3,715	0	147
COSTCO WHSL CORP NEW	COM	22160K105	6,173	21,427	SH	DFND	1 4	21,427	0	0
COSTCO WHSL CORP NEW	COM	22160K105	403,260	1,399,673	SH	DFND	1 3 4	1,397,962	0	1,711
COTY INC	COM CL A	222070203	272	25,893	SH	DFND	1 4	25,893	0	0
COTY INC	COM CL A	222070203	4,372	415,971	SH	DFND	1 3 4	415,971	0	0
COUPA SOFTWARE INC	COM	22266L106	878	6,777	SH	DFND	1 4	6,777	0	0
COUSINS PPTYS INC	COM NEW	222795502	63,483	1,688,838	SH	DFND	1 3 4	1,688,838	0	0
COUSINS PPTYS INC	COM NEW	222795502	487	12,944	SH	DFND	1 4	12,944	0	0
COUSINS PPTYS INC	COM NEW	222795502	285,435	7,593,412	SH	DFND	2 3 4	7,593,412	0	0
COVANTA HLDG CORP	COM	22282E102	236	13,672	SH	DFND	1 4	13,672	0	0
COVETRUS INC	COM	22304C100	4,920	413,805	SH	DFND	1 3 4	413,805	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	16,704	102,697	SH	DFND	1 3 4	102,697	0	0
CRACKER BARREL OLD CTRY STOR	COM	22410J106	543	3,341	SH	DFND	1 4	3,341	0	0
CRANE CO	COM	224399105	81,791	1,014,395	SH	DFND	1 3 4	1,013,824	0	571
CRANE CO	COM	224399105	390	4,833	SH	DFND	1 4	4,833	0	0
CRANE CO	COM	224399105	7,979	98,956	SH	SOLE		98,956	0	0
CREDICORP LTD	COM	G2519Y108	106,912	512,917	SH	DFND	1 3 4	512,917	0	0
CREDIT ACCEP CORP MICH	COM	225310101	87,342	189,334	SH	DFND	1 3 4	189,334	0	0
CREDIT ACCEP CORP MICH	COM	225310101	556	1,205	SH	DFND	1 4	1,205	0	0
CREE INC	COM	225447101	22,619	461,608	SH	DFND	1 3 4	461,608	0	0
CROCS INC	COM	227046109	13,718	494,175	SH	DFND	1 3 4	494,175	0	0
CROCS INC	COM	227046109	206	7,409	SH	DFND	1 4	7,409	0	0
CROSS CTRY HEALTHCARE INC	COM	227483104	2,997	290,963	SH	DFND	1 3 4	290,963	0	0

CROWN CASTLE INTL CORP NEW	COM	22822V101	85,050	611,826	SH	DFND	1 3 4	611,826	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	4,382	31,521	SH	DFND	1 4	31,521	0	0
CROWN CASTLE INTL CORP NEW	COM	22822V101	126,247	908,183	SH	DFND	2 3 4	908,183	0	0
CROWN HOLDINGS INC	COM	228368106	396	5,986	SH	DFND	1 3 4	5,986	0	0
CROWN HOLDINGS INC	COM	228368106	994	15,054	SH	DFND	1 4	15,054	0	0
CRYOLIFE INC	COM	228903100	8,214	302,539	SH	DFND	1 3 4	302,539	0	0
CSG SYS INTL INC	COM	126349109	14,025	271,381	SH	DFND	1 3 4	271,381	0	0
CSG SYS INTL INC	COM	126349109	344	6,648	SH	DFND	1 4	6,648	0	0
CSW INDUSTRIALS INC	COM	126402106	483	6,991	SH	DFND	1 3 4	6,991	0	0
CSW INDUSTRIALS INC	COM	126402106	227	3,293	SH	DFND	1 4	3,293	0	0
CSX CORP	COM	126408103	80,012	1,155,070	SH	DFND	1 3 4	1,155,070	0	0
CSX CORP	COM	126408103	2,875	41,502	SH	DFND	1 4	41,502	0	0
CTRIP COM INTL LTD	SPONSORED ADS	22943F100	748	25,549	SH	DFND	1 3 4	25,549	0	0
CTS CORP	COM	126501105	8,391	259,311	SH	DFND	1 3 4	259,311	0	0
CUBESMART	COM	229663109	729	20,892	SH	DFND	1 4	20,892	0	0
CUBESMART	COM	229663109	243,216	6,968,942	SH	DFND	2 3 4	6,968,942	0	0
CUBESMART	COM	229663109	8,269	236,915	SH	DFND	1 3 4	236,915	0	0
CUBIC CORP	COM	229669106	17,319	245,909	SH	DFND	1 3 4	245,909	0	0
CULLEN FROST BANKERS INC	COM	229899109	111,255	1,256,411	SH	DFND	1 3 4	1,251,137	0	5,274
CULLEN FROST BANKERS INC	COM	229899109	449	5,068	SH	DFND	1 4	5,068	0	0
CULLEN FROST BANKERS INC	COM	229899109	7,396	83,526	SH	SOLE		83,526	0	0
CUMMINS INC	COM	231021106	41,494	255,081	SH	DFND	1 3 4	255,081	0	0
CUMMINS INC	COM	231021106	1,613	9,918	SH	DFND	1 4	9,918	0	0
CURTISS WRIGHT CORP	COM	231561101	23,578	182,251	SH	DFND	1 3 4	182,251	0	0
CURTISS WRIGHT CORP	COM	231561101	516	3,990	SH	DFND	1 4	3,990	0	0
CUSTOMERS BANCORP INC	COM	23204G100	4,703	226,760	SH	DFND	1 3 4	226,760	0	0
CUTERA INC	COM	232109108	3,327	113,805	SH	DFND	1 3 4	113,805	0	0
CVB FINL CORP	COM	126600105	21,915	1,050,089	SH	DFND	1 3 4	1,050,089	0	0
CVB FINL CORP	COM	126600105	204	9,783	SH	DFND	1 4	9,783	0	0
CVS HEALTH CORP	COM	126650100	117,524	1,863,393	SH	DFND	1 3 4	1,863,393	0	0
CVS HEALTH CORP	COM	126650100	1,901	30,140	SH	DFND	1 4	30,140	0	0
CYBERARK SOFTWARE LTD	SHS	M2682V108	69,876	700,016	SH	DFND	1 3 4	689,374	0	10,642
CYPRESS SEMICONDUCTOR CORP	COM	232806109	36,613	1,568,673	SH	DFND	1 3 4	1,568,673	0	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	603	25,823	SH	DFND	1 4	25,823	0	0
CYRUSONE INC	COM	23283R100	215,138	2,719,818	SH	DFND	1 3 4	2,712,244	0	7,574
CYRUSONE INC	COM	23283R100	622	7,858	SH	DFND	1 4	7,858	0	0
CYRUSONE INC	COM	23283R100	18,345	231,919	SH	SOLE		231,909	0	10
CYTOKINETICS INC	COM NEW	23282W605	5,267	462,817	SH	DFND	1 3 4	462,817	0	0
D R HORTON INC	COM	23331A109	1,677	31,812	SH	DFND	1 4	31,812	0	0
D R HORTON INC	COM	23331A109	24,956	473,456	SH	DFND	1 3 4	473,456	0	0
DAKTRONICS INC	COM	234264109	2,173	294,271	SH	DFND	1 3 4	294,271	0	0
DANA INCORPORATED	COM	235825205	222	15,401	SH	DFND	1 4	15,401	0	0
DANA INCORPORATED	COM	235825205	10,654	737,815	SH	DFND	1 3 4	737,815	0	0
DANAHER CORPORATION	COM	235851102	294,016	2,035,700	SH	DFND	1 3 4	2,035,700	0	0
DANAHER CORPORATION	COM	235851102	3,532	24,453	SH	DFND	1 4	24,453	0	0
DANAHER CORPORATION	COM	235851102	4,700	32,538	SH	SOLE		32,499	0	39
DARDEN RESTAURANTS INC	COM	237194105	23,604	199,668	SH	DFND	1 3 4	199,668	0	0
DARDEN RESTAURANTS	COM	237194105	1,834	15,511	SH	DFND	1 4	15,511	0	0

INC										
DARLING INGREDIENTS INC	COM	237266101	45,340	2,370,085	SH	DFND	1 3 4	2,370,085	0	0
DARLING INGREDIENTS INC	COM	237266101	316	16,509	SH	DFND	1 4	16,509	0	0
DAVE & BUSTERS ENTMT INC	COM	238337109	10,514	269,925	SH	DFND	1 3 4	269,925	0	0
DAVITA INC	COM	23918K108	504	8,834	SH	DFND	1 4	8,834	0	0
DAVITA INC	COM	23918K108	9,200	161,208	SH	DFND	1 3 4	161,208	0	0
DEAN FOODS CO NEW	COM NEW	242370203	842	725,444	SH	DFND	1 3 4	725,444	0	0
DECKERS OUTDOOR CORP	COM	243537107	35,269	239,337	SH	DFND	1 3 4	239,337	0	0
DECKERS OUTDOOR CORP	COM	243537107	726	4,927	SH	DFND	1 4	4,927	0	0
DEERE & CO	COM	244199105	214,371	1,270,875	SH	DFND	1 3 4	1,268,847	0	2,028
DEERE & CO	COM	244199105	1,032	6,119	SH	DFND	1 4	6,119	0	0
DELEK US HLDGS INC NEW	COM	24665A103	86,440	2,381,246	SH	DFND	1 3 4	2,379,562	0	1,684
DELEK US HLDGS INC NEW	COM	24665A103	291	8,024	SH	DFND	1 4	8,024	0	0
DELEK US HLDGS INC NEW	COM	24665A103	9,069	249,836	SH	SOLE		249,836	0	0
DELTA AIR LINES INC DEL	COM NEW	247361702	203,442	3,531,984	SH	DFND	1 3 4	3,515,525	0	16,459
DELTA AIR LINES INC DEL	COM NEW	247361702	996	17,290	SH	DFND	1 4	17,290	0	0
DELUXE CORP	COM	248019101	304	6,180	SH	DFND	1 4	6,180	0	0
DELUXE CORP	COM	248019101	10,631	216,244	SH	DFND	1 3 4	216,244	0	0
DENALI THERAPEUTICS INC	COM	24823R105	3,351	218,763	SH	DFND	1 3 4	218,763	0	0
DENBURY RES INC	COM NEW	247916208	56	46,960	SH	DFND	1 4	46,960	0	0
DENBURY RES INC	COM NEW	247916208	4,770	4,008,262	SH	DFND	1 3 4	4,008,262	0	0
DENNYS CORP	COM	24869P104	273	12,000	SH	DFND	1 4	12,000	0	0
DENTSPLY SIRONA INC	COM	24906P109	17,831	334,477	SH	DFND	1 3 4	334,477	0	0
DENTSPLY SIRONA INC	COM	24906P109	1,139	21,373	SH	DFND	1 4	21,373	0	0
DESIGNER BRANDS INC	CL A	250565108	7,450	435,185	SH	DFND	1 3 4	435,185	0	0
DEVON ENERGY CORP NEW	COM	25179M103	14,077	585,094	SH	DFND	1 3 4	585,094	0	0
DEVON ENERGY CORP NEW	COM	25179M103	1,013	42,111	SH	DFND	1 4	42,111	0	0
DEXCOM INC	COM	252131107	4,703	31,512	SH	DFND	1 3 4	31,512	0	0
DEXCOM INC	COM	252131107	470	3,148	SH	DFND	1 4	3,148	0	0
DIAGEO P L C	SPON ADR NEW	25243Q205	595	3,643	SH	DFND	1 3 4	1,093	0	2,550
DIAMOND HILL INVESTMENT GROU	COM NEW	25264R207	231	1,672	SH	DFND	1 3 4	1,672	0	0
DIAMOND OFFSHORE DRILLING IN	COM	25271C102	2,838	510,437	SH	DFND	1 3 4	510,437	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	20,840	231,792	SH	DFND	1 3 4	231,792	0	0
DIAMONDBACK ENERGY INC	COM	25278X109	1,062	11,815	SH	DFND	1 4	11,815	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	16,185	1,579,014	SH	DFND	1 3 4	1,579,014	0	0
DIAMONDROCK HOSPITALITY CO	COM	252784301	151	14,774	SH	DFND	1 4	14,774	0	0
DICKS SPORTING GOODS INC	COM	253393102	16,094	394,369	SH	DFND	1 3 4	394,369	0	0
DICKS SPORTING GOODS INC	COM	253393102	258	6,322	SH	DFND	1 4	6,322	0	0
DIEBOLD NXDF INC	COM	253651103	6,786	605,888	SH	DFND	1 3 4	605,888	0	0
DIGI INTL INC	COM	253798102	3,023	221,926	SH	DFND	1 3 4	221,926	0	0
DIGITAL RLTY TR INC	COM	253868103	1,739	13,398	SH	DFND	1 4	13,398	0	0
DIGITAL RLTY TR INC	COM	253868103	3,397	26,168	SH	DFND	2 3 4	26,168	0	0
DIGITAL RLTY TR INC	COM	253868103	232,896	1,794,132	SH	DFND	1 3 4	1,789,755	0	4,377

DIGITAL TURBINE INC	COM NEW	25400W102	84	13,033	SH	DFND	1 4	13,033	0	0
DILLARDS INC	CL A	254067101	2,919	44,147	SH	DFND	1 3 4	44,147	0	0
DIME CMNTY BANCSHARES	COM	253922108	5,222	243,919	SH	DFND	1 3 4	243,919	0	0
DINE BRANDS GLOBAL INC	COM	254423106	11,048	145,642	SH	DFND	1 3 4	145,642	0	0
DIODES INC	COM	254543101	13,172	328,081	SH	DFND	1 3 4	328,081	0	0
DIODES INC	COM	254543101	273	6,809	SH	DFND	1 4	6,809	0	0
DIPLOMAT PHARMACY INC	COM	25456K101	2,227	454,550	SH	DFND	1 3 4	454,550	0	0
DISCOVER FINL SVCS	COM	254709108	266,124	3,281,834	SH	DFND	1 3 4	3,262,610	0	19,224
DISCOVER FINL SVCS	COM	254709108	2,856	35,224	SH	DFND	1 4	35,224	0	0
DISCOVERY INC	COM SER A	25470F104	377	14,139	SH	DFND	1 4	14,139	0	0
DISCOVERY INC	COM SER A	25470F104	5,938	222,970	SH	DFND	1 3 4	222,970	0	0
DISCOVERY INC	COM SER C	25470F302	807	32,769	SH	DFND	1 4	32,769	0	0
DISCOVERY INC	COM SER C	25470F302	11,965	485,992	SH	DFND	1 3 4	485,992	0	0
DISH NETWORK CORP	CL A	25470M109	11,566	339,479	SH	DFND	1 3 4	339,479	0	0
DISH NETWORK CORP	CL A	25470M109	562	16,489	SH	DFND	1 4	16,489	0	0
DISNEY WALT CO	COM DISNEY	254687106	611,607	4,693,118	SH	DFND	1 3 4	4,685,723	0	7,395
DISNEY WALT CO	COM DISNEY	254687106	3,554	27,270	SH	DFND	1 4	27,270	0	0
DISNEY WALT CO	COM DISNEY	254687106	1,005	7,716	SH	SOLE		7,214	0	502
DMC GLOBAL INC	COM	23291C103	5,080	115,517	SH	DFND	1 3 4	115,517	0	0
DOCUSIGN INC	COM	256163106	428	6,905	SH	DFND	1 4	6,905	0	0
DOLBY LABORATORIES INC	COM CL A	25659T107	504	7,798	SH	DFND	1 4	7,798	0	0
DOLLAR GEN CORP NEW	COM	256677105	4,180	26,297	SH	DFND	1 4	26,297	0	0
DOLLAR GEN CORP NEW	COM	256677105	309,758	1,948,898	SH	DFND	1 3 4	1,948,898	0	0
DOLLAR TREE INC	COM	256746108	38,105	333,789	SH	DFND	1 3 4	333,789	0	0
DOLLAR TREE INC	COM	256746108	2,324	20,356	SH	DFND	1 4	20,356	0	0
DOMINION ENERGY INC	COM	25746U109	93,309	1,151,399	SH	DFND	1 3 4	1,151,399	0	0
DOMINION ENERGY INC	COM	25746U109	1,014	12,510	SH	DFND	1 4	12,510	0	0
DOMINOS PIZZA INC	COM	25754A201	359,207	1,468,610	SH	DFND	1 3 4	1,468,610	0	0
DOMINOS PIZZA INC	COM	25754A201	1,079	4,410	SH	DFND	1 4	4,410	0	0
DOMTAR CORP	COM NEW	257559203	13,858	386,996	SH	DFND	1 3 4	386,996	0	0
DOMTAR CORP	COM NEW	257559203	205	5,730	SH	DFND	1 4	5,730	0	0
DONALDSON INC	COM	257651109	50,167	963,264	SH	DFND	1 3 4	963,009	0	255
DONALDSON INC	COM	257651109	316	6,072	SH	DFND	1 4	6,072	0	0
DONALDSON INC	COM	257651109	3,352	64,352	SH	SOLE		64,352	0	0
DONNELLEY FINL SOLUTIONS INC	COM	25787G100	3,033	246,187	SH	DFND	1 3 4	246,187	0	0
DONNELLEY R R & SONS CO	COM	257867200	2,105	558,421	SH	DFND	1 3 4	558,421	0	0
DORMAN PRODUCTS INC	COM	258278100	19,116	240,329	SH	DFND	1 3 4	240,329	0	0
DORMAN PRODUCTS INC	COM	258278100	247	3,109	SH	DFND	1 4	3,109	0	0
DOUGLAS EMMETT INC	COM	25960P109	30,102	702,825	SH	DFND	1 3 4	702,825	0	0
DOUGLAS EMMETT INC	COM	25960P109	742	17,331	SH	DFND	1 4	17,331	0	0
DOVER CORP	COM	260003108	21,717	218,130	SH	DFND	1 3 4	218,130	0	0
DOVER CORP	COM	260003108	1,705	17,123	SH	DFND	1 4	17,123	0	0
DOW INC	COM	260557103	49,605	1,041,032	SH	DFND	1 3 4	1,041,032	0	0
DOW INC	COM	260557103	808	16,952	SH	DFND	1 4	16,952	0	0
DR REDDYS LABS LTD	ADR	256135203	934	24,657	SH	DFND	1 3 4	24,657	0	0
DRIL QUIP INC	COM	262037104	14,330	285,576	SH	DFND	1 3 4	285,576	0	0
DROPBOX INC	CL A	26210C104	533	26,415	SH	DFND	1 4	26,415	0	0
DSP GROUP INC	COM	23332B106	2,546	180,792	SH	DFND	1 3 4	180,792	0	0
DTE ENERGY CO	COM	233331107	2,505	18,842	SH	DFND	1 4	18,842	0	0
DTE ENERGY CO	COM	233331107	34,216	257,339	SH	DFND	1 3 4	257,339	0	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	97,930	1,021,591	SH	DFND	1 3 4	1,021,591	0	0

DUKE ENERGY CORP NEW	COM NEW	26441C204	1,611	16,801	SH	DFND	1 4	16,801	0	0
DUKE REALTY CORP	COM NEW	264411505	27,261	802,492	SH	DFND	1 3 4	802,492	0	0
DUKE REALTY CORP	COM NEW	264411505	1,188	34,972	SH	DFND	1 4	34,972	0	0
DUKE REALTY CORP	COM NEW	264411505	206,100	6,067,135	SH	DFND	2 3 4	6,067,135	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	27,916	351,767	SH	DFND	1 3 4	351,767	0	0
DUNKIN BRANDS GROUP INC	COM	265504100	919	11,583	SH	DFND	1 4	11,583	0	0
DUPONT DE NEMOURS INC	COM	26614N102	183,348	2,571,147	SH	DFND	1 3 4	2,567,503	0	3,644
DUPONT DE NEMOURS INC	COM	26614N102	835	11,706	SH	DFND	1 4	11,706	0	0
DXC TECHNOLOGY CO	COM	23355L106	10,838	367,405	SH	DFND	1 3 4	367,405	0	0
DXC TECHNOLOGY CO	COM	23355L106	378	12,798	SH	DFND	1 4	12,798	0	0
DXP ENTERPRISES INC NEW	COM NEW	233377407	4,389	126,398	SH	DFND	1 3 4	126,398	0	0
DYCOM INDS INC	COM	267475101	6,829	133,768	SH	DFND	1 3 4	133,768	0	0
DYNATRACE INC	COM	268150109	2,389	127,972	SH	DFND	1 3 4	127,972	0	0
DYNAVAX TECHNOLOGIES CORP	COM NEW	268158201	36	10,048	SH	DFND	1 4	10,048	0	0
E TRADE FINANCIAL CORP	COM NEW	269246401	15,396	352,403	SH	DFND	1 3 4	352,403	0	0
E TRADE FINANCIAL CORP	COM NEW	269246401	859	19,671	SH	DFND	1 4	19,671	0	0
EAGLE BANCORP INC MD	COM	268948106	12,157	272,449	SH	DFND	1 3 4	272,449	0	0
EAGLE MATERIALS INC	COM	26969P108	16,133	179,236	SH	DFND	1 3 4	179,236	0	0
EAGLE MATERIALS INC	COM	26969P108	462	5,138	SH	DFND	1 4	5,138	0	0
EAGLE PHARMACEUTICALS INC	COM	269796108	4,513	79,770	SH	DFND	1 3 4	79,770	0	0
EAST WEST BANCORP INC	COM	27579R104	131,442	2,967,766	SH	DFND	1 3 4	2,965,956	0	1,810
EAST WEST BANCORP INC	COM	27579R104	688	15,533	SH	DFND	1 4	15,533	0	0
EAST WEST BANCORP INC	COM	27579R104	11,193	252,721	SH	SOLE		252,721	0	0
EASTERLY GOVT PPTYS INC	COM	27616P103	11,965	561,750	SH	DFND	1 3 4	561,750	0	0
EASTGROUP PPTY INC	COM	277276101	50,783	406,195	SH	DFND	1 3 4	405,996	0	199
EASTGROUP PPTY INC	COM	277276101	752	6,018	SH	DFND	1 4	6,018	0	0
EASTGROUP PPTY INC	COM	277276101	3,608	28,864	SH	SOLE		28,864	0	0
EASTMAN CHEMICAL CO	COM	277432100	16,239	219,956	SH	DFND	1 3 4	219,956	0	0
EASTMAN CHEMICAL CO	COM	277432100	977	13,238	SH	DFND	1 4	13,238	0	0
EATON CORP PLC	SHS	G29183103	53,131	638,975	SH	DFND	1 3 4	638,975	0	0
EATON CORP PLC	SHS	G29183103	848	10,204	SH	DFND	1 4	10,204	0	0
EATON VANCE CORP	COM NON VTG	278265103	443	9,864	SH	DFND	1 4	9,864	0	0
EATON VANCE CORP	COM NON VTG	278265103	21,573	480,149	SH	DFND	1 3 4	480,149	0	0
EATON VANCE TX MNG BY WRT OP	COM	27828Y108	375	25,599	SH	SOLE		0	0	25,599
EBAY INC	COM	278642103	53,793	1,380,015	SH	DFND	1 3 4	1,380,015	0	0
EBAY INC	COM	278642103	2,530	64,904	SH	DFND	1 4	64,904	0	0
EBIX INC	COM NEW	278715206	8,437	200,408	SH	DFND	1 3 4	200,408	0	0
ECHO GLOBAL LOGISTICS INC	COM	27875T101	4,874	215,183	SH	DFND	1 3 4	215,183	0	0
ECHOSTAR CORP	CL A	278768106	220	5,555	SH	DFND	1 4	5,555	0	0
ECOLAB INC	COM	278865100	87,230	440,465	SH	DFND	1 3 4	440,465	0	0
ECOLAB INC	COM	278865100	3,649	18,428	SH	DFND	1 4	18,428	0	0
ECOLAB INC	COM	278865100	701	3,538	SH	SOLE		3,538	0	0
ECOPETROL S A	SPONSORED	279158109	4,895	287,461	SH	DFND	1 3 4	287,461	0	0

	ADS									
EDGEWELL PERS CARE CO	COM	28035Q102	8,547	263,066	SH	DFND	1 3 4	263,066	0	0
EDISON INTL	COM	281020107	37,829	501,579	SH	DFND	1 3 4	501,579	0	0
EDISON INTL	COM	281020107	1,972	26,143	SH	DFND	1 4	26,143	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	2,222	10,105	SH	DFND	1 4	10,105	0	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	80,535	366,218	SH	DFND	1 3 4	361,733	0	4,485
EHEALTH INC	COM	28238P109	10,583	158,451	SH	DFND	1 3 4	158,451	0	0
EL PASO ELEC CO	COM NEW	283677854	21,582	321,732	SH	DFND	1 3 4	321,732	0	0
EL PASO ELEC CO	COM NEW	283677854	381	5,685	SH	DFND	1 4	5,685	0	0
EL POLLO LOCO HLDGS INC	COM	268603107	1,783	162,710	SH	DFND	1 3 4	162,710	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	22,775	856,482	SH	DFND	1 3 4	856,482	0	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	695	26,151	SH	DFND	1 4	26,151	0	0
ELDORADO RESORTS INC	COM	28470R102	34,327	860,978	SH	DFND	1 3 4	860,978	0	0
ELDORADO RESORTS INC	COM	28470R102	305	7,640	SH	DFND	1 4	7,640	0	0
ELECTRONIC ARTS INC	COM	285512109	1,311	13,404	SH	DFND	1 4	13,404	0	0
ELECTRONIC ARTS INC	COM	285512109	40,390	412,903	SH	DFND	1 3 4	412,903	0	0
EMCOR GROUP INC	COM	29084Q100	756	8,782	SH	DFND	1 4	8,782	0	0
EMCOR GROUP INC	COM	29084Q100	20,691	240,258	SH	DFND	1 3 4	240,258	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	18,135	346,887	SH	DFND	1 3 4	346,887	0	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	363	6,942	SH	DFND	1 4	6,942	0	0
EMERSON ELEC CO	COM	291011104	61,520	920,128	SH	DFND	1 3 4	920,128	0	0
EMERSON ELEC CO	COM	291011104	758	11,335	SH	DFND	1 4	11,335	0	0
EMPLOYERS HOLDINGS INC	COM	292218104	11,041	253,343	SH	DFND	1 3 4	253,343	0	0
ENANTA PHARMACEUTICALS INC	COM	29251M106	7,555	125,744	SH	DFND	1 3 4	125,744	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	52,043	822,429	SH	DFND	1 3 4	822,429	0	0
ENCOMPASS HEALTH CORP	COM	29261A100	842	13,306	SH	DFND	1 4	13,306	0	0
ENCORE CAP GROUP INC	COM	292554102	7,271	218,177	SH	DFND	1 3 4	218,177	0	0
ENCORE WIRE CORP	COM	292562105	9,901	175,929	SH	DFND	1 3 4	175,929	0	0
ENDO INTL PLC	SHS	G30401106	5,607	1,746,873	SH	DFND	1 3 4	1,746,873	0	0
ENDO INTL PLC	SHS	G30401106	82	25,614	SH	DFND	1 4	25,614	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	107	28,640	SH	DFND	1 3 4	28,640	0	0
ENDURANCE INTL GROUP HLDGS I	COM	29272B105	44	11,771	SH	DFND	1 4	11,771	0	0
ENERGIZER HLDGS INC NEW	COM	29272W109	83,702	1,920,666	SH	DFND	1 3 4	1,912,251	0	8,415
ENERGIZER HLDGS INC NEW	COM	29272W109	5,605	128,623	SH	SOLE		128,623	0	0
ENERGY RECOVERY INC	COM	29270J100	3,992	430,901	SH	DFND	1 3 4	430,901	0	0
ENERSYS	COM	29275Y102	31,148	472,370	SH	DFND	1 3 4	472,370	0	0
ENERSYS	COM	29275Y102	285	4,326	SH	DFND	1 4	4,326	0	0
ENLINK MIDSTREAM LLC	COM UNIT REP LTD	29336T100	62,274	7,326,379	SH	DFND	1 3 4	7,320,830	0	5,549
ENLINK MIDSTREAM LLC	COM UNIT REP LTD	29336T100	7,205	847,655	SH	SOLE		847,655	0	0
ENNIS INC	COM	293389102	339	16,794	SH	DFND	1 3 4	16,794	0	0
ENOVA INTL INC	COM	29357K103	5,633	271,479	SH	DFND	1 3 4	271,479	0	0
ENPHASE ENERGY INC	COM	29355A107	346	15,575	SH	DFND	1 4	15,575	0	0
ENPRO INDS INC	COM	29355X107	12,987	189,183	SH	DFND	1 3 4	189,141	0	42

ENSIGN GROUP INC	COM	29358P101	19,506	411,258	SH	DFND	1 3 4	411,258	0	0
ENSIGN GROUP INC	COM	29358P101	408	8,597	SH	DFND	1 4	8,597	0	0
ENSTAR GROUP LIMITED	SHS	G3075P101	213	1,122	SH	DFND	1 4	1,122	0	0
ENTEGRIS INC	COM	29362U104	33,600	713,972	SH	DFND	1 3 4	713,972	0	0
ENTEGRIS INC	COM	29362U104	814	17,302	SH	DFND	1 4	17,302	0	0
ENTERCOM COMMUNICATIONS CORP	CL A	293639100	41	12,269	SH	DFND	1 4	12,269	0	0
ENTERGY CORP NEW	COM	29364G103	37,122	316,311	SH	DFND	1 3 4	316,311	0	0
ENTERGY CORP NEW	COM	29364G103	2,403	20,472	SH	DFND	1 4	20,472	0	0
ENTERPRISE FINL SVCS CORP	COM	293712105	377	9,243	SH	DFND	1 3 4	9,243	0	0
ENTERPRISE PRODS PARTNERS L	COM	293792107	153,910	5,385,217	SH	DFND	1 3 4	5,369,331	0	15,886
ENVESTNET INC	COM	29404K106	313	5,526	SH	DFND	1 4	5,526	0	0
ENVESTNET INC	COM	29404K106	969	17,095	SH	DFND	1 3 4	17,095	0	0
EOG RES INC	COM	26875P101	168,197	2,266,198	SH	DFND	1 3 4	2,262,557	0	3,641
EOG RES INC	COM	26875P101	1,040	14,013	SH	DFND	1 4	14,013	0	0
EPAM SYS INC	COM	29414B104	1,317	7,225	SH	DFND	1 4	7,225	0	0
EPIZYME INC	COM	29428V104	122	11,788	SH	DFND	1 3 4	11,788	0	0
EPIZYME INC	COM	29428V104	110	10,691	SH	DFND	1 4	10,691	0	0
EPLUS INC	COM	294268107	8,155	107,175	SH	DFND	1 3 4	107,175	0	0
EPR PPTYS	COM SH BEN INT	26884U109	11,302	147,041	SH	SOLE		147,041	0	0
EPR PPTYS	COM SH BEN INT	26884U109	128,634	1,673,624	SH	DFND	1 3 4	1,672,744	0	880
EPR PPTYS	COM SH BEN INT	26884U109	551	7,174	SH	DFND	1 4	7,174	0	0
EPR PPTYS	COM SH BEN INT	26884U109	258,742	3,366,411	SH	DFND	2 3 4	3,366,411	0	0
EQT CORP	COM	26884L109	246	23,111	SH	DFND	1 4	23,111	0	0
EQT CORP	COM	26884L109	11,576	1,087,952	SH	DFND	1 3 4	1,087,952	0	0
EQUIFAX INC	COM	294429105	23,818	169,321	SH	DFND	1 3 4	169,321	0	0
EQUIFAX INC	COM	294429105	1,658	11,787	SH	DFND	1 4	11,787	0	0
EQUINIX INC	COM	29444U700	319,563	554,027	SH	DFND	1 3 4	554,027	0	0
EQUINIX INC	COM	29444U700	2,354	4,081	SH	DFND	1 4	4,081	0	0
EQUINIX INC	COM	29444U700	622,251	1,078,799	SH	DFND	2 3 4	1,078,799	0	0
EQUINIX INC	COM	29444U700	2,081	3,607	SH	SOLE		3,607	0	0
EQUITRANS MIDSTREAM CORPORAT	COM	294600101	12,609	866,597	SH	DFND	1 3 4	866,597	0	0
EQUITRANS MIDSTREAM CORPORAT	COM	294600101	284	19,522	SH	DFND	1 4	19,522	0	0
EQUITY COMWLTH	COM SH BEN INT	294628102	397	11,601	SH	DFND	1 4	11,601	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	17,471	130,773	SH	DFND	1 3 4	130,773	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	1,324	9,912	SH	DFND	1 4	9,912	0	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	128,365	960,820	SH	DFND	2 3 4	960,820	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	47,892	555,207	SH	DFND	1 3 4	555,207	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	2,906	33,687	SH	DFND	1 4	33,687	0	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	154,223	1,787,892	SH	DFND	2 3 4	1,787,892	0	0
ERA GROUP INC	COM	26885G109	1,645	155,734	SH	DFND	1 3 4	155,734	0	0
ERIE INDTY CO	CL A	29530P102	456	2,457	SH	DFND	1 4	2,457	0	0
ESCO TECHNOLOGIES INC	COM	296315104	17,454	219,387	SH	DFND	1 3 4	219,387	0	0
ESCO TECHNOLOGIES INC	COM	296315104	390	4,901	SH	DFND	1 4	4,901	0	0
ESSENT GROUP LTD	COM	G3198U102	437	9,165	SH	DFND	1 4	9,165	0	0
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	135,144	5,898,899	SH	DFND	2 3 4	5,898,899	0	0
ESSENTIAL PPTYS RLTY	COM	29670E107	273	11,933	SH	DFND	1 4	11,933	0	0

TR INC										
ESSENTIAL PPTYS RLTY TR INC	COM	29670E107	4,714	205,775	SH	DFND	1 3 4	205,775	0	0
ESSEX PPTY TR INC	COM	297178105	2,052	6,283	SH	DFND	1 4	6,283	0	0
ESSEX PPTY TR INC	COM	297178105	571,246	1,748,800	SH	DFND	2 3 4	1,748,800	0	0
ESSEX PPTY TR INC	COM	297178105	52,903	161,957	SH	DFND	1 3 4	161,957	0	0
ETF MANAGERS TR	PRIME CYBR SCRTY	26924G201	277	7,400	SH	SOLE		0	0	7,400
ETHAN ALLEN INTERIORS INC	COM	297602104	3,742	195,902	SH	DFND	1 3 4	195,902	0	0
ETSY INC	COM	29786A106	28,988	513,066	SH	DFND	1 3 4	513,066	0	0
ETSY INC	COM	29786A106	786	13,914	SH	DFND	1 4	13,914	0	0
EURONET WORLDWIDE INC	COM	298736109	532	3,639	SH	DFND	1 3 4	3,639	0	0
EURONET WORLDWIDE INC	COM	298736109	948	6,481	SH	DFND	1 4	6,481	0	0
EVENTBRITE INC	COM CL A	29975E109	11,440	645,976	SH	DFND	1 3 4	645,976	0	0
EVERBRIDGE INC	COM	29978A104	360	5,829	SH	DFND	1 4	5,829	0	0
EVERCORE INC	CLASS A	29977A105	14,831	185,151	SH	DFND	1 3 4	185,151	0	0
EVERCORE INC	CLASS A	29977A105	359	4,477	SH	DFND	1 4	4,477	0	0
EVEREST RE GROUP LTD	COM	G3223R108	15,184	57,063	SH	DFND	1 3 4	57,063	0	0
EVEREST RE GROUP LTD	COM	G3223R108	1,202	4,519	SH	DFND	1 4	4,519	0	0
EVERGY INC	COM	30034W106	23,566	354,065	SH	DFND	1 3 4	354,065	0	0
EVERGY INC	COM	30034W106	1,768	26,561	SH	DFND	1 4	26,561	0	0
EVERI HLDGS INC	COM	30034T103	346	40,859	SH	DFND	1 3 4	40,859	0	0
EVERI HLDGS INC	COM	30034T103	91	10,733	SH	DFND	1 4	10,733	0	0
EVERSOURCE ENERGY	COM	30040W108	171,595	2,007,662	SH	DFND	1 3 4	1,999,011	0	8,651
EVERSOURCE ENERGY	COM	30040W108	1,778	20,802	SH	DFND	1 4	20,802	0	0
EVERTEC INC	COM	30040P103	365	11,704	SH	DFND	1 4	11,704	0	0
EVERTEC INC	COM	30040P103	16,022	513,210	SH	DFND	1 3 4	513,210	0	0
EVOQUA WATER TECHNOLOGIES CO	COM	30057T105	945	55,516	SH	DFND	1 3 4	55,516	0	0
EXACT SCIENCES CORP	COM	30063P105	2,184	24,173	SH	DFND	1 3 4	24,173	0	0
EXACT SCIENCES CORP	COM	30063P105	1,273	14,086	SH	DFND	1 4	14,086	0	0
EXANTAS CAP CORP	COM NEW	30068N105	259	22,814	SH	DFND	1 3 4	22,814	0	0
EXELIXIS INC	COM	30161Q104	22,769	1,287,447	SH	DFND	1 3 4	1,287,447	0	0
EXELIXIS INC	COM	30161Q104	505	28,532	SH	DFND	1 4	28,532	0	0
EXELON CORP	COM	30161N101	66,436	1,375,203	SH	DFND	1 3 4	1,375,203	0	0
EXELON CORP	COM	30161N101	1,128	23,345	SH	DFND	1 4	23,345	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	32,608	486,977	SH	DFND	1 3 4	486,977	0	0
EXLSERVICE HOLDINGS INC	COM	302081104	424	6,337	SH	DFND	1 4	6,337	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	2,397	17,837	SH	DFND	1 4	17,837	0	0
EXPEDIA GROUP INC	COM NEW	30212P303	27,068	201,399	SH	DFND	1 3 4	201,399	0	0
EXPEDITORS INTL WASH INC	COM	302130109	49,366	664,505	SH	DFND	1 3 4	659,828	0	4,677
EXPEDITORS INTL WASH INC	COM	302130109	1,641	22,094	SH	DFND	1 4	22,094	0	0
EXPONENT INC	COM	30214U102	30,030	429,608	SH	DFND	1 3 4	429,608	0	0
EXPONENT INC	COM	30214U102	621	8,883	SH	DFND	1 4	8,883	0	0
EXPRESS INC	COM	30219E103	1,827	531,132	SH	DFND	1 3 4	531,132	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	18,861	1,288,329	SH	DFND	1 3 4	1,288,329	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	275	18,760	SH	DFND	1 4	18,760	0	0
EXTENDED STAY AMER INC	UNIT 99/99/9999B	30224P200	501	34,215	SH	DFND	2 3 4	34,215	0	0
EXTERRAN CORP	COM	30227H106	3,054	233,846	SH	DFND	1 3 4	233,846	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	309,587	2,650,124	SH	DFND	2 3 4	2,650,124	0	0

EXTRA SPACE STORAGE INC	COM	30225T102	52,017	445,276	SH	DFND	1 3 4	445,276	0	0
EXTRA SPACE STORAGE INC	COM	30225T102	1,853	15,864	SH	DFND	1 4	15,864	0	0
EXTRACTION OIL AND GAS INC	COM	30227M105	30	10,070	SH	DFND	1 4	10,070	0	0
EXTREME NETWORKS INC	COM	30226D106	138	18,924	SH	DFND	1 4	18,924	0	0
EXTREME NETWORKS INC	COM	30226D106	6,930	952,587	SH	DFND	1 3 4	952,587	0	0
EXXON MOBIL CORP	COM	30231G102	504,256	7,141,417	SH	DFND	1 3 4	7,139,663	0	1,754
EXXON MOBIL CORP	COM	30231G102	6,307	89,318	SH	DFND	1 4	89,318	0	0
EZCORP INC	CL A NON VTG	302301106	2,695	417,491	SH	DFND	1 3 4	417,491	0	0
F M C CORP	COM NEW	302491303	57,279	653,275	SH	DFND	1 3 4	650,254	0	3,021
F M C CORP	COM NEW	302491303	803	9,159	SH	DFND	1 4	9,159	0	0
F5 NETWORKS INC	COM	315616102	11,930	84,957	SH	DFND	1 3 4	84,957	0	0
F5 NETWORKS INC	COM	315616102	1,200	8,545	SH	DFND	1 4	8,545	0	0
FABRINET	SHS	G3323L100	368	7,035	SH	DFND	1 4	7,035	0	0
FABRINET	SHS	G3323L100	16,506	315,609	SH	DFND	1 3 4	315,609	0	0
FACEBOOK INC	CL A	30303M102	7,087	39,797	SH	SOLE		37,353	0	2,444
FACEBOOK INC	CL A	30303M102	848,661	4,765,618	SH	DFND	1 3 4	4,763,013	0	2,605
FACEBOOK INC	CL A	30303M102	20,761	116,581	SH	DFND	1 4	116,581	0	0
FACTSET RESH SYS INC	COM	303075105	39,700	163,393	SH	DFND	1 3 4	163,393	0	0
FACTSET RESH SYS INC	COM	303075105	1,020	4,199	SH	DFND	1 4	4,199	0	0
FAIR ISAAC CORP	COM	303250104	77,865	256,541	SH	DFND	1 3 4	255,009	0	1,532
FAIR ISAAC CORP	COM	303250104	1,199	3,951	SH	DFND	1 4	3,951	0	0
FARO TECHNOLOGIES INC	COM	311642102	6,612	136,759	SH	DFND	1 3 4	136,759	0	0
FASTENAL CO	COM	311900104	269,220	8,240,587	SH	DFND	1 3 4	8,240,587	0	0
FASTENAL CO	COM	311900104	706	21,601	SH	DFND	1 4	21,601	0	0
FATE THERAPEUTICS INC	COM	31189P102	159	10,225	SH	DFND	1 3 4	10,225	0	0
FB FINL CORP	COM	30257X104	218	5,808	SH	DFND	1 3 4	5,808	0	0
FEDERAL AGRIC MTG CORP	CL C	313148306	12,303	150,651	SH	DFND	1 3 4	150,540	0	111
FEDERAL AGRIC MTG CORP	CL C	313148306	1,439	17,625	SH	SOLE		17,625	0	0
FEDERAL REALTY INVT TR	SH BEN INT NEW	313747206	13,342	98,002	SH	DFND	1 3 4	98,002	0	0
FEDERAL REALTY INVT TR	SH BEN INT NEW	313747206	722	5,302	SH	DFND	1 4	5,302	0	0
FEDERAL SIGNAL CORP	COM	313855108	16,422	501,590	SH	DFND	1 3 4	501,590	0	0
FEDERAL SIGNAL CORP	COM	313855108	391	11,928	SH	DFND	1 4	11,928	0	0
FEDERATED INVS INC PA	CL B	314211103	16,248	501,324	SH	DFND	1 3 4	501,324	0	0
FEDERATED INVS INC PA	CL B	314211103	502	15,503	SH	DFND	1 4	15,503	0	0
FEDEX CORP	COM	31428X106	48,936	336,165	SH	DFND	1 3 4	336,165	0	0
FEDEX CORP	COM	31428X106	547	3,760	SH	DFND	1 4	3,760	0	0
FERRO CORP	COM	315405100	7,664	646,230	SH	DFND	1 3 4	646,230	0	0
FERRO CORP	COM	315405100	141	11,859	SH	DFND	1 4	11,859	0	0
FGL HLDGS	ORD SHS	G3402M102	86	10,774	SH	DFND	1 4	10,774	0	0
FIBROGEN INC	COM	31572Q808	5,681	153,622	SH	DFND	1 3 4	153,622	0	0
FIBROGEN INC	COM	31572Q808	421	11,397	SH	DFND	1 4	11,397	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	816,961	18,395,873	SH	DFND	1 3 4	18,359,637	0	36,236
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	1,156	26,038	SH	DFND	1 4	26,038	0	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	11,753	264,664	SH	SOLE		264,664	0	0
FIDELITY NATL INFORMATION SV	COM	31620M106	230,809	1,738,543	SH	DFND	1 3 4	1,736,641	0	1,902
FIDELITY NATL	COM	31620M106	2,905	21,883	SH	DFND	1 4	21,883	0	0

INFORMATION SV

FIESTA RESTAURANT GROUP INC	COM	31660B101	1,762	169,122	SH	DFND	1 3 4	169,122	0	0
FIFTH THIRD BANCORP	COM	316773100	30,491	1,113,625	SH	DFND	1 3 4	1,113,625	0	0
FIFTH THIRD BANCORP	COM	316773100	2,081	76,002	SH	DFND	1 4	76,002	0	0
FIRST AMERN FINL CORP	COM	31847R102	721	12,219	SH	DFND	1 4	12,219	0	0
FIRST AMERN FINL CORP	COM	31847R102	41,378	701,191	SH	DFND	1 3 4	701,191	0	0
FIRST BANCORP P R	COM NEW	318672706	18,485	1,852,170	SH	DFND	1 3 4	1,852,170	0	0
FIRST BANCORP P R	COM NEW	318672706	230	23,005	SH	DFND	1 4	23,005	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	11,052	832,224	SH	DFND	1 3 4	832,224	0	0
FIRST COMWLTH FINL CORP PA	COM	319829107	152	11,471	SH	DFND	1 4	11,471	0	0
FIRST CTZNS BANCSHARES INC N	CL A	31946M103	327	693	SH	DFND	1 4	693	0	0
FIRST FINL BANCORP OH	COM	320209109	19,028	777,459	SH	DFND	1 3 4	777,459	0	0
FIRST FINL BANCORP OH	COM	320209109	255	10,427	SH	DFND	1 4	10,427	0	0
FIRST FINL BANKSHARES	COM	32020R109	19,226	576,852	SH	DFND	1 3 4	576,852	0	0
FIRST FINL BANKSHARES	COM	32020R109	503	15,085	SH	DFND	1 4	15,085	0	0
FIRST HAWAIIAN INC	COM	32051X108	335	12,533	SH	DFND	1 4	12,533	0	0
FIRST HORIZON NATL CORP	COM	320517105	473	29,189	SH	DFND	1 4	29,189	0	0
FIRST HORIZON NATL CORP	COM	320517105	21,657	1,336,833	SH	DFND	1 3 4	1,336,833	0	0
FIRST INDUSTRIAL REALTY TRUS	COM	32054K103	114,172	2,886,050	SH	DFND	2 3 4	2,886,050	0	0
FIRST INDUSTRIAL REALTY TRUS	COM	32054K103	61,265	1,548,645	SH	DFND	1 3 4	1,548,645	0	0
FIRST INDUSTRIAL REALTY TRUS	COM	32054K103	628	15,875	SH	DFND	1 4	15,875	0	0
FIRST INTST BANCSYSTEM INC	COM CL A	32055Y201	12,348	306,871	SH	DFND	1 3 4	306,871	0	0
FIRST LONG IS CORP	COM	320734106	215	9,440	SH	DFND	1 3 4	9,440	0	0
FIRST MERCHANTS CORP	COM	320817109	13,683	363,563	SH	DFND	1 3 4	363,563	0	0
FIRST MERCHANTS CORP	COM	320817109	225	5,975	SH	DFND	1 4	5,975	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	17,005	872,943	SH	DFND	1 3 4	872,943	0	0
FIRST MIDWEST BANCORP DEL	COM	320867104	224	11,508	SH	DFND	1 4	11,508	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	521,814	5,396,214	SH	DFND	1 3 4	5,393,090	0	3,124
FIRST REP BK SAN FRANCISCO C	COM	33616C100	949	9,811	SH	DFND	1 4	9,811	0	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	1,007	10,414	SH	SOLE		10,414	0	0
FIRST SOLAR INC	COM	336433107	18,698	322,321	SH	DFND	1 3 4	322,321	0	0
FIRST SOLAR INC	COM	336433107	306	5,267	SH	DFND	1 4	5,267	0	0
FIRSTCASH INC	COM	33767D105	16,863	183,953	SH	DFND	1 3 4	183,953	0	0
FIRSTCASH INC	COM	33767D105	611	6,663	SH	DFND	1 4	6,663	0	0
FIRSTENERGY CORP	COM	337932107	38,455	797,320	SH	DFND	1 3 4	797,320	0	0
FIRSTENERGY CORP	COM	337932107	2,274	47,143	SH	DFND	1 4	47,143	0	0
FISERV INC	COM	337738108	83,532	806,372	SH	DFND	1 3 4	806,372	0	0
FISERV INC	COM	337738108	5,606	54,120	SH	DFND	1 4	54,120	0	0
FITBIT INC	CL A	33812L102	81	21,374	SH	DFND	1 4	21,374	0	0
FIVE BELOW INC	COM	33829M101	29,854	236,751	SH	DFND	1 3 4	236,751	0	0
FIVE BELOW INC	COM	33829M101	313	2,480	SH	DFND	1 4	2,480	0	0
FIVE9 INC	COM	338307101	366	6,808	SH	DFND	1 4	6,808	0	0

FIVE9 INC	COM	338307101	2,773	51,594	SH	DFND	1 3 4	51,594	0	0
FLAGSTAR BANCORP INC	COM PAR .001	337930705	20,997	562,165	SH	DFND	1 3 4	562,165	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	2,968	10,350	SH	DFND	1 4	10,350	0	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	38,391	133,868	SH	DFND	1 3 4	133,868	0	0
FLIR SYS INC	COM	302445101	10,053	191,159	SH	DFND	1 3 4	191,159	0	0
FLIR SYS INC	COM	302445101	831	15,810	SH	DFND	1 4	15,810	0	0
FLOWERS FOODS INC	COM	343498101	18,920	817,997	SH	DFND	1 3 4	817,997	0	0
FLOWERS FOODS INC	COM	343498101	404	17,488	SH	DFND	1 4	17,488	0	0
FLOWERVE CORP	COM	34354P105	8,636	184,892	SH	DFND	1 3 4	184,892	0	0
FLOWERVE CORP	COM	34354P105	498	10,652	SH	DFND	1 4	10,652	0	0
FLUIDIGM CORP DEL	COM	34385P108	188	40,529	SH	DFND	1 3 4	40,529	0	0
FLUIDIGM CORP DEL	COM	34385P108	55	11,836	SH	DFND	1 4	11,836	0	0
FLUOR CORP NEW	COM	343412102	11,370	594,344	SH	DFND	1 3 4	594,344	0	0
FNB CORP PA	COM	302520101	357	30,935	SH	DFND	1 4	30,935	0	0
FNB CORP PA	COM	302520101	16,044	1,391,514	SH	DFND	1 3 4	1,391,514	0	0
FOOT LOCKER INC	COM	344849104	22,246	515,430	SH	DFND	1 3 4	515,430	0	0
FOOT LOCKER INC	COM	344849104	433	10,024	SH	DFND	1 4	10,024	0	0
FORD MTR CO DEL	COM	345370860	50,329	5,494,393	SH	DFND	1 3 4	5,494,393	0	0
FORD MTR CO DEL	COM	345370860	559	61,046	SH	DFND	1 4	61,046	0	0
FORMFACTOR INC	COM	346375108	11,057	593,005	SH	DFND	1 3 4	593,005	0	0
FORMFACTOR INC	COM	346375108	234	12,542	SH	DFND	1 4	12,542	0	0
FORRESTER RESH INC	COM	346563109	2,864	89,099	SH	DFND	1 3 4	89,099	0	0
FORTINET INC	COM	34959E109	15,310	199,450	SH	DFND	1 3 4	199,450	0	0
FORTINET INC	COM	34959E109	1,206	15,715	SH	DFND	1 4	15,715	0	0
FORTIVE CORP	COM	34959J108	28,363	413,732	SH	DFND	1 3 4	413,732	0	0
FORTIVE CORP	COM	34959J108	2,208	32,208	SH	DFND	1 4	32,208	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	723	13,209	SH	DFND	1 4	13,209	0	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	11,725	214,348	SH	DFND	1 3 4	214,348	0	0
FORWARD AIR CORP	COM	349853101	15,046	236,132	SH	DFND	1 3 4	236,132	0	0
FORWARD AIR CORP	COM	349853101	347	5,449	SH	DFND	1 4	5,449	0	0
FOSSIL GROUP INC	COM	34988V106	4,582	366,240	SH	DFND	1 3 4	366,240	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	50,502	1,785,752	SH	DFND	1 3 4	1,784,765	0	987
FOUR CORNERS PPTY TR INC	COM	35086T109	350	12,379	SH	DFND	1 4	12,379	0	0
FOUR CORNERS PPTY TR INC	COM	35086T109	3,693	130,606	SH	SOLE		130,606	0	0
FOX CORP	CL A COM	35137L105	15,816	501,553	SH	DFND	1 3 4	501,553	0	0
FOX CORP	CL A COM	35137L105	1,104	34,996	SH	DFND	1 4	34,996	0	0
FOX CORP	CL B COM	35137L204	499	15,819	SH	DFND	1 4	15,819	0	0
FOX CORP	CL B COM	35137L204	7,197	228,195	SH	DFND	1 3 4	228,195	0	0
FOX FACTORY HLDG CORP	COM	35138V102	408	6,562	SH	DFND	1 4	6,562	0	0
FOX FACTORY HLDG CORP	COM	35138V102	19,599	314,900	SH	DFND	1 3 4	314,900	0	0
FRANKLIN ELEC INC	COM	353514102	16,869	352,828	SH	DFND	1 3 4	352,828	0	0
FRANKLIN ELEC INC	COM	353514102	414	8,669	SH	DFND	1 4	8,669	0	0
FRANKLIN FINL NETWORK INC	COM	35352P104	7,752	256,629	SH	DFND	1 3 4	256,629	0	0
FRANKLIN RES INC	COM	354613101	11,519	399,144	SH	DFND	1 3 4	399,144	0	0
FRANKLIN RES INC	COM	354613101	579	20,048	SH	DFND	1 4	20,048	0	0
FRANKLIN STREET PPTYS CORP	COM	35471R106	7,155	845,764	SH	DFND	1 3 4	845,764	0	0
FRANKS INTL N V	COM	N33462107	50	10,494	SH	DFND	1 4	10,494	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	24,176	2,526,194	SH	DFND	1 3 4	2,526,194	0	0
FREEPORT-MCMORAN INC	CL B	35671D857	968	101,103	SH	DFND	1 4	101,103	0	0

FRESH DEL MONTE PRODUCE INC	ORD	G36738105	8,201	240,420	SH	DFND	1 3 4	240,420	0	0
FRONTDOOR INC	COM	35905A109	385	7,927	SH	DFND	1 4	7,927	0	0
FRONTIER COMMUNICATIONS CORP	COM NEW	35906A306	721	831,093	SH	DFND	1 3 4	831,093	0	0
FTI CONSULTING INC	COM	302941109	33,746	318,388	SH	DFND	1 3 4	318,388	0	0
FTI CONSULTING INC	COM	302941109	483	4,555	SH	DFND	1 4	4,555	0	0
FULLER H B CO	COM	359694106	90,048	1,934,021	SH	DFND	1 3 4	1,917,460	0	16,561
FULLER H B CO	COM	359694106	251	5,394	SH	DFND	1 4	5,394	0	0
FULLER H B CO	COM	359694106	5,088	109,270	SH	SOLE		109,270	0	0
FULTON FINL CORP PA	COM	360271100	11,446	707,396	SH	DFND	1 3 4	707,396	0	0
FULTON FINL CORP PA	COM	360271100	196	12,100	SH	DFND	1 4	12,100	0	0
FUNKO INC	COM CL A	361008105	205	9,958	SH	DFND	1 3 4	9,958	0	0
FUTUREFUEL CORPORATION	COM	36116M106	2,430	203,559	SH	DFND	1 3 4	203,559	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	24,715	275,933	SH	DFND	1 3 4	275,933	0	0
GALLAGHER ARTHUR J & CO	COM	363576109	1,248	13,936	SH	DFND	1 4	13,936	0	0
GAMESTOP CORP NEW	CL A	36467W109	58	10,569	SH	DFND	1 4	10,569	0	0
GAMESTOP CORP NEW	CL A	36467W109	3,930	711,980	SH	DFND	1 3 4	711,980	0	0
GAMING & LEISURE PPTYS INC	COM	36467J108	822	21,489	SH	DFND	1 4	21,489	0	0
GANNETT CO INC	COM	36473H104	9,710	904,128	SH	DFND	1 3 4	904,128	0	0
GAP INC	COM	364760108	6,896	397,210	SH	DFND	1 3 4	397,210	0	0
GAP INC	COM	364760108	344	19,805	SH	DFND	1 4	19,805	0	0
GARDNER DENVER HLDGS INC	COM	36555P107	333	11,770	SH	DFND	1 4	11,770	0	0
GARMIN LTD	SHS	H2906T109	48,439	571,956	SH	DFND	1 3 4	571,762	0	194
GARMIN LTD	SHS	H2906T109	1,150	13,575	SH	DFND	1 4	13,575	0	0
GARMIN LTD	SHS	H2906T109	4,472	52,808	SH	SOLE		52,808	0	0
GARRETT MOTION INC	COM	366505105	5,863	588,605	SH	DFND	1 3 4	588,605	0	0
GARTNER INC	COM	366651107	641	4,484	SH	SOLE		4,484	0	0
GARTNER INC	COM	366651107	543,476	3,800,792	SH	DFND	1 3 4	3,800,792	0	0
GARTNER INC	COM	366651107	1,334	9,331	SH	DFND	1 4	9,331	0	0
GATX CORP	COM	361448103	13,416	173,046	SH	DFND	1 3 4	173,046	0	0
GATX CORP	COM	361448103	207	2,672	SH	DFND	1 4	2,672	0	0
GCI LIBERTY INC	COM CLASS A	36164V305	197,858	3,187,688	SH	DFND	1 3 4	3,187,688	0	0
GCI LIBERTY INC	COM CLASS A	36164V305	428	6,892	SH	DFND	1 4	6,892	0	0
GCP APPLIED TECHNOLOGIES INC	COM	36164Y101	8,165	424,150	SH	DFND	1 3 4	424,150	0	0
GENERAC HLDGS INC	COM	368736104	2,894	36,944	SH	DFND	1 3 4	36,944	0	0
GENERAC HLDGS INC	COM	368736104	801	10,222	SH	DFND	1 4	10,222	0	0
GENERAL DYNAMICS CORP	COM	369550108	1,154	6,315	SH	DFND	1 4	6,315	0	0
GENERAL DYNAMICS CORP	COM	369550108	60,339	330,210	SH	DFND	1 3 4	330,210	0	0
GENERAL ELECTRIC CO	COM	369604103	1,208	135,151	SH	DFND	1 4	135,151	0	0
GENERAL ELECTRIC CO	COM	369604103	109,379	12,234,759	SH	DFND	1 3 4	12,234,759	0	0
GENERAL MLS INC	COM	370334104	48,999	888,951	SH	DFND	1 3 4	888,951	0	0
GENERAL MLS INC	COM	370334104	810	14,694	SH	DFND	1 4	14,694	0	0
GENERAL MTRS CO	COM	37045V100	66,011	1,761,237	SH	DFND	1 3 4	1,761,237	0	0
GENERAL MTRS CO	COM	37045V100	1,037	27,673	SH	DFND	1 4	27,673	0	0
GENESCO INC	COM	371532102	4,505	112,566	SH	DFND	1 3 4	112,566	0	0
GENESEE & WYO INC	CL A	371559105	26,572	240,453	SH	DFND	1 3 4	240,453	0	0
GENESEE & WYO INC	CL A	371559105	757	6,847	SH	DFND	1 4	6,847	0	0
GENESIS HEALTHCARE INC	CL A COM	37185X106	25	22,517	SH	DFND	1 4	22,517	0	0
GENIE ENERGY LTD	CL B	372284208	79	10,648	SH	DFND	1 3 4	10,648	0	0
GENOMIC HEALTH INC	COM	37244C101	13,226	195,022	SH	DFND	1 3 4	195,022	0	0
GENOMIC HEALTH INC	COM	37244C101	277	4,083	SH	DFND	1 4	4,083	0	0

GENPACT LIMITED	SHS	G3922B107	880	22,716	SH	DFND	1 4	22,716	0	0
GENTEX CORP	COM	371901109	30,697	1,114,844	SH	DFND	1 3 4	1,114,844	0	0
GENTEX CORP	COM	371901109	711	25,829	SH	DFND	1 4	25,829	0	0
GENTHERM INC	COM	37253A103	10,688	260,148	SH	DFND	1 3 4	260,148	0	0
GENUINE PARTS CO	COM	372460105	22,703	227,960	SH	DFND	1 3 4	227,960	0	0
GENUINE PARTS CO	COM	372460105	1,288	12,935	SH	DFND	1 4	12,935	0	0
GENWORTH FINL INC	COM CL A	37247D106	9,423	2,141,654	SH	DFND	1 3 4	2,141,654	0	0
GENWORTH FINL INC	COM CL A	37247D106	164	37,179	SH	DFND	1 4	37,179	0	0
GEO GROUP INC NEW	COM	36162J106	8,930	515,024	SH	DFND	1 3 4	515,024	0	0
GEO GROUP INC NEW	COM	36162J106	239	13,787	SH	DFND	1 4	13,787	0	0
GEOSPACE TECHNOLOGIES CORP	COM	37364X109	1,652	107,512	SH	DFND	1 3 4	107,512	0	0
GERON CORP	COM	374163103	23	17,078	SH	DFND	1 4	17,078	0	0
GERON CORP	COM	374163103	37	27,735	SH	DFND	1 3 4	27,735	0	0
GETTY RLTY CORP NEW	COM	374297109	8,635	269,344	SH	DFND	1 3 4	269,344	0	0
GIBRALTAR INDS INC	COM	374689107	11,676	254,161	SH	DFND	1 3 4	254,161	0	0
G-III APPAREL GROUP LTD	COM	36237H101	9,144	354,828	SH	DFND	1 3 4	354,828	0	0
GILEAD SCIENCES INC	COM	375558103	112,517	1,775,283	SH	DFND	1 3 4	1,775,283	0	0
GILEAD SCIENCES INC	COM	375558103	2,188	34,522	SH	DFND	1 4	34,522	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	27,348	675,934	SH	DFND	1 3 4	675,934	0	0
GLACIER BANCORP INC NEW	COM	37637Q105	277	6,836	SH	DFND	1 4	6,836	0	0
GLATFELTER	COM	377316104	9,295	603,936	SH	DFND	1 3 4	603,936	0	0
GLAUKOS CORP	COM	377322102	257	4,116	SH	DFND	1 4	4,116	0	0
GLAUKOS CORP	COM	377322102	1,313	20,999	SH	DFND	1 3 4	20,999	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	423	8,725	SH	DFND	1 3 4	8,725	0	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	402	8,285	SH	DFND	1 4	8,285	0	0
GLOBAL NET LEASE INC	COM NEW	379378201	12,994	666,365	SH	DFND	1 3 4	666,365	0	0
GLOBAL PMTS INC	COM	37940X102	67,348	423,566	SH	DFND	1 3 4	423,566	0	0
GLOBAL PMTS INC	COM	37940X102	5,628	35,393	SH	DFND	1 4	35,393	0	0
GLOBANT S A	COM	L44385109	5,264	57,482	SH	DFND	1 3 4	57,482	0	0
GLOBE LIFE INC	COM	37959E102	13,478	140,769	SH	DFND	1 3 4	140,769	0	0
GLOBE LIFE INC	COM	37959E102	733	7,659	SH	DFND	1 4	7,659	0	0
GLOBUS MED INC	CL A	379577208	16,756	327,778	SH	DFND	1 3 4	327,778	0	0
GLOBUS MED INC	CL A	379577208	637	12,457	SH	DFND	1 4	12,457	0	0
GLU MOBILE INC	COM	379890106	94	18,853	SH	DFND	1 4	18,853	0	0
GMS INC	COM	36251C103	9,432	328,418	SH	DFND	1 3 4	328,418	0	0
GODADDY INC	CL A	380237107	1,209	18,324	SH	DFND	1 4	18,324	0	0
GOLDEN ENTMT INC	COM	381013101	5,720	430,398	SH	DFND	1 3 4	430,398	0	0
GOLDMAN SACHS ETF TR	ACTIVEBETA INT	381430107	227	8,008	SH	SOLE		0	0	8,008
GOLDMAN SACHS ETF TR	ACTIVEBETA EME	381430206	296	9,439	SH	SOLE		0	0	9,439
GOLDMAN SACHS GROUP INC	COM	38141G104	95,408	460,399	SH	DFND	1 3 4	460,399	0	0
GOLDMAN SACHS GROUP INC	COM	38141G104	1,065	5,140	SH	DFND	1 4	5,140	0	0
GOODYEAR TIRE & RUBR CO	COM	382550101	14,251	989,287	SH	DFND	1 3 4	989,287	0	0
GOPRO INC	CL A	38268T103	101	19,516	SH	DFND	1 4	19,516	0	0
GORMAN RUPP CO	COM	383082104	633	18,184	SH	DFND	1 3 4	18,184	0	0
GRACE W R & CO DEL NEW	COM	38388F108	447	6,694	SH	DFND	1 4	6,694	0	0
GRACO INC	COM	384109104	33,509	727,833	SH	DFND	1 3 4	727,833	0	0
GRACO INC	COM	384109104	958	20,813	SH	DFND	1 4	20,813	0	0
GRAFTECH INTL LTD	COM	384313508	1,209	94,431	SH	DFND	1 3 4	94,431	0	0
GRAHAM HLDGS CO	COM	384637104	13,597	20,495	SH	DFND	1 3 4	20,495	0	0
GRAHAM HLDGS CO	COM	384637104	270	407	SH	DFND	1 4	407	0	0

GRAINGER W W INC	COM	384802104	19,321	65,019	SH	DFND	1 3 4	65,019	0	0
GRAINGER W W INC	COM	384802104	1,387	4,668	SH	DFND	1 4	4,668	0	0
GRAND CANYON ED INC	COM	38526M106	482	4,904	SH	DFND	1 4	4,904	0	0
GRANITE CONSTR INC	COM	387328107	6,392	198,955	SH	DFND	1 3 4	198,955	0	0
GRANITE PT MTG TR INC	COM	38741L107	10,885	580,837	SH	DFND	1 3 4	580,837	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	18,639	1,263,699	SH	DFND	1 3 4	1,263,699	0	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	371	25,182	SH	DFND	1 4	25,182	0	0
GRAY TELEVISION INC	COM	389375106	388	23,779	SH	DFND	1 3 4	23,779	0	0
GRAY TELEVISION INC	COM	389375106	241	14,787	SH	DFND	1 4	14,787	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	3,777	361,459	SH	DFND	1 3 4	361,459	0	0
GREAT LAKES DREDGE & DOCK CO	COM	390607109	117	11,234	SH	DFND	1 4	11,234	0	0
GREAT WESTN BANCORP INC	COM	391416104	28,806	872,923	SH	DFND	1 3 4	872,923	0	0
GREAT WESTN BANCORP INC	COM	391416104	206	6,249	SH	DFND	1 4	6,249	0	0
GREEN DOT CORP	CL A	39304D102	5,113	202,499	SH	DFND	1 3 4	202,499	0	0
GREEN PLAINS INC	COM	393222104	3,003	283,394	SH	DFND	1 3 4	283,394	0	0
GREENBRIER COS INC	COM	393657101	7,726	256,492	SH	DFND	1 3 4	256,492	0	0
GREENHILL & CO INC	COM	395259104	1,923	146,554	SH	DFND	1 3 4	146,554	0	0
GREIF INC	CL A	397624107	4,252	112,230	SH	DFND	1 3 4	112,230	0	0
GRIFFON CORP	COM	398433102	7,044	335,910	SH	DFND	1 3 4	335,910	0	0
GROUP 1 AUTOMOTIVE INC	COM	398905109	13,415	145,329	SH	DFND	1 3 4	145,329	0	0
GROUPON INC	COM	399473107	139	52,137	SH	DFND	1 4	52,137	0	0
GRUBHUB INC	COM	400110102	21,811	388,024	SH	DFND	1 3 4	388,024	0	0
GRUBHUB INC	COM	400110102	228	4,065	SH	DFND	1 4	4,065	0	0
GUARDANT HEALTH INC	COM	40131M109	851	13,328	SH	DFND	1 3 4	13,328	0	0
GUESS INC	COM	401617105	6,233	336,376	SH	DFND	1 3 4	336,376	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	221,423	2,101,192	SH	DFND	1 3 4	2,101,192	0	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	390	3,703	SH	DFND	1 4	3,703	0	0
GULF ISLAND FABRICATION INC	COM	402307102	534	99,756	SH	DFND	1 3 4	99,756	0	0
GULFPORT ENERGY CORP	COM NEW	402635304	3,511	1,295,681	SH	DFND	1 3 4	1,295,681	0	0
GULFPORT ENERGY CORP	COM NEW	402635304	43	15,777	SH	DFND	1 4	15,777	0	0
HAEMONETICS CORP	COM	405024100	27,334	216,694	SH	DFND	1 3 4	216,694	0	0
HAEMONETICS CORP	COM	405024100	1,030	8,163	SH	DFND	1 4	8,163	0	0
HAIN CELESTIAL GROUP INC	COM	405217100	7,320	340,859	SH	DFND	1 3 4	340,859	0	0
HALLIBURTON CO	COM	406216101	1,059	56,156	SH	DFND	1 4	56,156	0	0
HALLIBURTON CO	COM	406216101	27,682	1,468,560	SH	DFND	1 3 4	1,468,560	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	339	21,834	SH	DFND	1 4	21,834	0	0
HALOZYME THERAPEUTICS INC	COM	40637H109	349	22,510	SH	DFND	1 3 4	22,510	0	0
HAMILTON LANE INC	CL A	407497106	12,561	220,523	SH	DFND	1 3 4	220,523	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	14,828	387,207	SH	DFND	1 3 4	387,207	0	0
HANCOCK WHITNEY CORPORATION	COM	410120109	337	8,794	SH	DFND	1 4	8,794	0	0
HANESBRANDS INC	COM	410345102	9,914	647,159	SH	DFND	1 3 4	647,159	0	0
HANESBRANDS INC	COM	410345102	699	45,617	SH	DFND	1 4	45,617	0	0
HANMI FINL CORP	COM NEW	410495204	5,037	268,221	SH	DFND	1 3 4	268,221	0	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	1,450	49,750	SH	DFND	1 3 4	49,750	0	0

HANNON ARMSTRONG SUST INFR C	COM	41068X100	270	9,275	SH	DFND	1 4	9,275	0	0
HANOVER INS GROUP INC	COM	410867105	499	3,679	SH	DFND	1 4	3,679	0	0
HANOVER INS GROUP INC	COM	410867105	53,145	392,097	SH	DFND	1 3 4	392,097	0	0
HARLEY DAVIDSON INC	COM	412822108	7,960	221,304	SH	DFND	1 3 4	221,304	0	0
HARLEY DAVIDSON INC	COM	412822108	505	14,046	SH	DFND	1 4	14,046	0	0
HARMONIC INC	COM	413160102	4,651	706,772	SH	DFND	1 3 4	706,772	0	0
HARSCO CORP	COM	415864107	12,005	633,185	SH	DFND	1 3 4	633,185	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	31,205	514,852	SH	DFND	1 3 4	514,852	0	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	2,263	37,341	SH	DFND	1 4	37,341	0	0
HASBRO INC	COM	418056107	403,267	3,397,648	SH	DFND	1 3 4	3,380,099	0	17,549
HASBRO INC	COM	418056107	1,451	12,229	SH	DFND	1 4	12,229	0	0
HASBRO INC	COM	418056107	12,031	101,365	SH	SOLE		101,360	0	5
HAVERTY FURNITURE INC	COM	419596101	3,006	148,273	SH	DFND	1 3 4	148,273	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	428	9,387	SH	DFND	1 4	9,387	0	0
HAWAIIAN ELEC INDUSTRIES	COM	419870100	21,161	463,952	SH	DFND	1 3 4	463,952	0	0
HAWAIIAN HOLDINGS INC	COM	419879101	51,867	1,975,145	SH	DFND	1 3 4	1,973,835	0	1,310
HAWAIIAN HOLDINGS INC	COM	419879101	5,019	191,140	SH	SOLE		191,140	0	0
HAWKINS INC	COM	420261109	3,183	74,882	SH	DFND	1 3 4	74,882	0	0
HAYNES INTERNATIONAL INC	COM NEW	420877201	3,537	98,694	SH	DFND	1 3 4	98,694	0	0
HCA HEALTHCARE INC	COM	40412C101	169,838	1,410,380	SH	DFND	1 3 4	1,407,331	0	3,049
HCA HEALTHCARE INC	COM	40412C101	2,975	24,709	SH	DFND	1 4	24,709	0	0
HCI GROUP INC	COM	40416E103	2,379	56,591	SH	DFND	1 3 4	56,591	0	0
HCP INC	COM	40414L109	32,451	910,789	SH	DFND	1 3 4	910,789	0	0
HCP INC	COM	40414L109	1,122	31,504	SH	DFND	1 4	31,504	0	0
HCP INC	COM	40414L109	161,632	4,536,415	SH	DFND	2 3 4	4,536,415	0	0
HD SUPPLY HLDGS INC	COM	40416M105	677	17,279	SH	DFND	1 4	17,279	0	0
HDFC BANK LTD	SPONSORED ADS	40415F101	58,376	1,023,230	SH	DFND	1 3 4	1,003,960	0	19,270
HEALTHCARE RLTY TR	COM	421946104	139,984	4,178,618	SH	DFND	2 3 4	4,178,618	0	0
HEALTHCARE RLTY TR	COM	421946104	24,863	742,160	SH	DFND	1 3 4	742,160	0	0
HEALTHCARE RLTY TR	COM	421946104	440	13,146	SH	DFND	1 4	13,146	0	0
HEALTHCARE SVCS GRP INC	COM	421906108	7,647	314,802	SH	DFND	1 3 4	314,802	0	0
HEALTHCARE SVCS GRP INC	COM	421906108	209	8,612	SH	DFND	1 4	8,612	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	18,180	618,785	SH	DFND	1 3 4	618,785	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	554	18,856	SH	DFND	1 4	18,856	0	0
HEALTHCARE TR AMER INC	CL A NEW	42225P501	429,679	14,624,922	SH	DFND	2 3 4	14,624,922	0	0
HEALTHEQUITY INC	COM	42226A107	17,142	299,965	SH	DFND	1 3 4	299,965	0	0
HEALTHEQUITY INC	COM	42226A107	635	11,112	SH	DFND	1 4	11,112	0	0
HEALTHSTREAM INC	COM	42222N103	5,456	210,726	SH	DFND	1 3 4	210,726	0	0
HEARTLAND EXPRESS INC	COM	422347104	7,927	368,549	SH	DFND	1 3 4	368,549	0	0
HEARTLAND FINL USA INC	COM	42234Q102	476	10,632	SH	DFND	1 3 4	10,632	0	0
HECLA MNG CO	COM	422704106	62	35,374	SH	DFND	1 4	35,374	0	0
HEICO CORP NEW	COM	422806109	622	4,978	SH	DFND	1 4	4,978	0	0
HEICO CORP NEW	CL A	422806208	62,752	644,875	SH	DFND	1 3 4	644,875	0	0
HEICO CORP NEW	CL A	422806208	995	10,230	SH	DFND	1 4	10,230	0	0
HEIDRICK & STRUGGLES INTL IN	COM	422819102	4,311	157,920	SH	DFND	1 3 4	157,920	0	0

HELEN OF TROY CORP LTD	COM	G4388N106	18,821	119,379	SH	DFND	1 3 4	119,379	0	0
HELEN OF TROY CORP LTD	COM	G4388N106	669	4,242	SH	DFND	1 4	4,242	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	8,984	1,114,700	SH	DFND	1 3 4	1,114,700	0	0
HELIX ENERGY SOLUTIONS GRP I	COM	42330P107	129	16,049	SH	DFND	1 4	16,049	0	0
HELMERICH & PAYNE INC	COM	423452101	14,694	366,717	SH	DFND	1 3 4	363,095	0	3,622
HELMERICH & PAYNE INC	COM	423452101	400	9,975	SH	DFND	1 4	9,975	0	0
HENRY JACK & ASSOC INC	COM	426281101	15,879	108,785	SH	DFND	1 3 4	108,785	0	0
HENRY JACK & ASSOC INC	COM	426281101	1,193	8,175	SH	DFND	1 4	8,175	0	0
HENRY SCHEIN INC	COM	806407102	1,167	18,370	SH	DFND	1 4	18,370	0	0
HENRY SCHEIN INC	COM	806407102	13,205	207,953	SH	DFND	1 3 4	207,953	0	0
HERBALIFE NUTRITION LTD	COM SHS	G4412G101	383	10,122	SH	DFND	1 4	10,122	0	0
HERITAGE FINL CORP WASH	COM	42722X106	7,843	290,898	SH	DFND	1 3 4	290,898	0	0
HERON THERAPEUTICS INC	COM	427746102	208	11,243	SH	DFND	1 4	11,243	0	0
HERSHA HOSPITALITY TR	PR SHS BEN INT	427825500	4,286	288,052	SH	DFND	1 3 4	288,052	0	0
HERSHEY CO	COM	427866108	34,431	222,147	SH	DFND	1 3 4	222,147	0	0
HERSHEY CO	COM	427866108	2,625	16,936	SH	DFND	1 4	16,936	0	0
HESKA CORP	COM RESTRC NEW	42805E306	4,004	56,500	SH	DFND	1 3 4	56,500	0	0
HESS CORP	COM	42809H107	1,048	17,325	SH	DFND	1 4	17,325	0	0
HESS CORP	COM	42809H107	21,925	362,516	SH	DFND	1 3 4	362,516	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	31,114	2,050,995	SH	DFND	1 3 4	2,050,995	0	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	1,714	113,010	SH	DFND	1 4	113,010	0	0
HEXCEL CORP NEW	COM	428291108	1,001	12,191	SH	DFND	1 4	12,191	0	0
HIBBETT SPORTS INC	COM	428567101	3,232	141,126	SH	DFND	1 3 4	141,126	0	0
HIGHPOINT RES CORP	COM	43114K108	1,368	860,361	SH	DFND	1 3 4	860,361	0	0
HIGHWOODS PPTYS INC	COM	431284108	20,406	454,069	SH	DFND	1 3 4	454,069	0	0
HIGHWOODS PPTYS INC	COM	431284108	423	9,420	SH	DFND	1 4	9,420	0	0
HILL ROM HLDGS INC	COM	431475102	29,913	284,263	SH	DFND	1 3 4	284,263	0	0
HILL ROM HLDGS INC	COM	431475102	913	8,675	SH	DFND	1 4	8,675	0	0
HILLENBRAND INC	COM	431571108	29,392	951,827	SH	DFND	1 3 4	951,827	0	0
HILLENBRAND INC	COM	431571108	346	11,216	SH	DFND	1 4	11,216	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	683,938	7,345,477	SH	DFND	1 3 4	7,345,477	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	3,455	37,104	SH	SOLE		37,102	0	2
HILTON WORLDWIDE HLDGS INC	COM	43300A203	3,176	34,109	SH	DFND	1 4	34,109	0	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	222,865	2,393,572	SH	DFND	2 3 4	2,393,572	0	0
HMS HLDGS CORP	COM	40425J101	46,508	1,349,424	SH	DFND	1 3 4	1,349,424	0	0
HMS HLDGS CORP	COM	40425J101	498	14,460	SH	DFND	1 4	14,460	0	0
HNI CORP	COM	404251100	6,504	183,218	SH	DFND	1 3 4	183,218	0	0
HNI CORP	COM	404251100	318	8,959	SH	DFND	1 4	8,959	0	0
HOLLYFRONTIER CORP	COM	436106108	27,345	509,782	SH	DFND	1 3 4	506,405	0	3,377
HOLLYFRONTIER CORP	COM	436106108	901	16,803	SH	DFND	1 4	16,803	0	0
HOLOGIC INC	COM	436440101	18,912	374,571	SH	DFND	1 3 4	374,571	0	0
HOLOGIC INC	COM	436440101	1,731	34,290	SH	DFND	1 4	34,290	0	0
HOME BANCSHARES INC	COM	436893200	13,929	741,124	SH	DFND	1 3 4	741,124	0	0
HOME BANCSHARES INC	COM	436893200	214	11,373	SH	DFND	1 4	11,373	0	0

HOME DEPOT INC	COM	437076102	426,182	1,836,834	SH	DFND	1 3 4	1,836,834	0	0
HOME DEPOT INC	COM	437076102	12,401	53,448	SH	DFND	1 4	53,448	0	0
HOMESTREET INC	COM	43785V102	5,257	192,428	SH	DFND	1 3 4	192,428	0	0
HONEYWELL INTL INC	COM	438516106	331,144	1,957,115	SH	DFND	1 3 4	1,955,922	0	1,193
HONEYWELL INTL INC	COM	438516106	6,160	36,407	SH	DFND	1 4	36,407	0	0
HOPE BANCORP INC	COM	43940T109	63,187	4,406,305	SH	DFND	1 3 4	4,403,666	0	2,639
HOPE BANCORP INC	COM	43940T109	192	13,370	SH	DFND	1 4	13,370	0	0
HOPE BANCORP INC	COM	43940T109	5,520	384,905	SH	SOLE		384,905	0	0
HORACE MANN EDUCATORS CORP N	COM	440327104	15,155	327,120	SH	DFND	1 3 4	327,120	0	0
HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	526	19,305	SH	DFND	1 4	19,305	0	0
HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	21,027	772,205	SH	DFND	1 3 4	772,205	0	0
HORMEL FOODS CORP	COM	440452100	185,416	4,240,023	SH	DFND	1 3 4	4,228,866	0	11,157
HORMEL FOODS CORP	COM	440452100	854	19,540	SH	DFND	1 4	19,540	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	25,368	1,467,213	SH	DFND	1 3 4	1,467,213	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	881	50,956	SH	DFND	1 4	50,956	0	0
HOST HOTELS & RESORTS INC	COM	44107P104	196,018	11,337,119	SH	DFND	2 3 4	11,337,119	0	0
HOULIHAN LOKEY INC	CL A	441593100	258	5,714	SH	DFND	1 4	5,714	0	0
HOWARD HUGHES CORP	COM	44267D107	295,812	2,282,498	SH	DFND	1 3 4	2,282,498	0	0
HOWARD HUGHES CORP	COM	44267D107	251	1,939	SH	DFND	1 4	1,939	0	0
HP INC	COM	40434L105	45,337	2,396,240	SH	DFND	1 3 4	2,396,240	0	0
HP INC	COM	40434L105	1,854	97,985	SH	DFND	1 4	97,985	0	0
HUB GROUP INC	CL A	443320106	12,265	263,771	SH	DFND	1 3 4	263,771	0	0
HUBBELL INC	COM	443510607	65,947	501,886	SH	DFND	1 3 4	501,681	0	205
HUBBELL INC	COM	443510607	4,313	32,825	SH	SOLE		32,825	0	0
HUBBELL INC	COM	443510607	933	7,097	SH	DFND	1 4	7,097	0	0
HUBSPOT INC	COM	443573100	639	4,217	SH	DFND	1 4	4,217	0	0
HUDSON PAC PPTYS INC	COM	444097109	461	13,784	SH	DFND	1 4	13,784	0	0
HUDSON PAC PPTYS INC	COM	444097109	4,821	144,071	SH	DFND	2 3 4	144,071	0	0
HUMANA INC	COM	444859102	48,387	189,256	SH	DFND	1 3 4	189,256	0	0
HUMANA INC	COM	444859102	1,310	5,125	SH	DFND	1 4	5,125	0	0
HUNT J B TRANS SVCS INC	COM	445658107	13,239	119,644	SH	DFND	1 3 4	119,644	0	0
HUNT J B TRANS SVCS INC	COM	445658107	563	5,092	SH	DFND	1 4	5,092	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	23,190	1,625,072	SH	DFND	1 3 4	1,625,072	0	0
HUNTINGTON BANCSHARES INC	COM	446150104	1,046	73,311	SH	DFND	1 4	73,311	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	12,676	59,854	SH	DFND	1 3 4	59,854	0	0
HUNTINGTON INGALLS INDS INC	COM	446413106	867	4,096	SH	DFND	1 4	4,096	0	0
HUNTSMAN CORP	COM	447011107	444	19,069	SH	DFND	1 4	19,069	0	0
HUNTSMAN CORP	COM	447011107	10,326	443,894	SH	SOLE		443,894	0	0
HUNTSMAN CORP	COM	447011107	90,921	3,908,880	SH	DFND	1 3 4	3,905,861	0	3,019
HYATT HOTELS CORP	COM CL A	448579102	178,164	2,418,395	SH	DFND	1 3 4	2,418,395	0	0
HYATT HOTELS CORP	COM CL A	448579102	265	3,600	SH	DFND	1 4	3,600	0	0
IAA INC	COM	449253103	21,211	508,282	SH	DFND	1 3 4	493,435	0	14,847
IAA INC	COM	449253103	321	7,686	SH	DFND	1 4	7,686	0	0
IAC INTERACTIVECORP	COM	44919P508	1,678	7,701	SH	DFND	1 3 4	7,701	0	0
IAC INTERACTIVECORP	COM	44919P508	1,528	7,012	SH	DFND	1 4	7,012	0	0
IBERIABANK CORP	COM	450828108	44,512	589,252	SH	DFND	1 3 4	589,252	0	0
IBERIABANK CORP	COM	450828108	414	5,482	SH	DFND	1 4	5,482	0	0
ICF INTL INC	COM	44925C103	20,466	242,282	SH	DFND	1 3 4	242,282	0	0

ICF INTL INC	COM	44925C103	286	3,389	SH	DFND	1 4	3,389	0	0
ICHOR HOLDINGS	SHS	G4740B105	4,281	177,031	SH	DFND	1 3 4	177,031	0	0
ICICI BK LTD	ADR	45104G104	61,775	5,071,875	SH	DFND	1 3 4	5,071,875	0	0
ICON PLC	SHS	G4705A100	154,425	1,048,083	SH	DFND	1 3 4	1,032,111	0	15,972
ICU MED INC	COM	44930G107	13,047	81,748	SH	DFND	1 3 4	81,748	0	0
ICU MED INC	COM	44930G107	303	1,897	SH	DFND	1 4	1,897	0	0
IDACORP INC	COM	451107106	35,518	315,237	SH	DFND	1 3 4	315,155	0	82
IDACORP INC	COM	451107106	490	4,352	SH	DFND	1 4	4,352	0	0
IDACORP INC	COM	451107106	1,107	9,829	SH	SOLE		9,829	0	0
IDEX CORP	COM	45167R104	28,834	175,947	SH	DFND	1 3 4	175,947	0	0
IDEX CORP	COM	45167R104	1,549	9,455	SH	DFND	1 4	9,455	0	0
IDEXX LABS INC	COM	45168D104	317,524	1,167,672	SH	DFND	1 3 4	1,167,672	0	0
IDEXX LABS INC	COM	45168D104	2,376	8,739	SH	DFND	1 4	8,739	0	0
IDEXX LABS INC	COM	45168D104	1,589	5,842	SH	SOLE		5,842	0	0
IHS MARKIT LTD	SHS	G47567105	498,367	7,451,669	SH	DFND	1 3 4	7,451,669	0	0
IHS MARKIT LTD	SHS	G47567105	3,103	46,395	SH	DFND	1 4	46,395	0	0
IHS MARKIT LTD	SHS	G47567105	895	13,378	SH	SOLE		13,378	0	0
II VI INC	COM	902104108	20,356	578,131	SH	DFND	1 3 4	578,131	0	0
II VI INC	COM	902104108	440	12,493	SH	DFND	1 4	12,493	0	0
ILLINOIS TOOL WKS INC	COM	452308109	65,816	420,572	SH	DFND	1 3 4	420,572	0	0
ILLINOIS TOOL WKS INC	COM	452308109	4,111	26,271	SH	DFND	1 4	26,271	0	0
ILLUMINA INC	COM	452327109	1,826	6,001	SH	SOLE		5,999	0	2
ILLUMINA INC	COM	452327109	115,710	380,348	SH	DFND	1 3 4	380,348	0	0
ILLUMINA INC	COM	452327109	2,177	7,157	SH	DFND	1 4	7,157	0	0
IMAX CORP	COM	45245E109	221	10,083	SH	DFND	1 4	10,083	0	0
IMMUNOGEN INC	COM	45253H101	54	22,189	SH	DFND	1 3 4	22,189	0	0
IMMUNOGEN INC	COM	45253H101	46	19,073	SH	DFND	1 4	19,073	0	0
IMMUNOMEDICS INC	COM	452907108	393	29,602	SH	DFND	1 3 4	29,602	0	0
IMMUNOMEDICS INC	COM	452907108	343	25,831	SH	DFND	1 4	25,831	0	0
INCYTE CORP	COM	45337C102	18,560	250,033	SH	DFND	1 3 4	250,033	0	0
INCYTE CORP	COM	45337C102	1,455	19,597	SH	DFND	1 4	19,597	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	10,180	711,357	SH	DFND	1 3 4	711,357	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	164	11,453	SH	DFND	1 4	11,453	0	0
INDEPENDENCE RLTY TR INC	COM	45378A106	22,567	1,577,043	SH	DFND	2 3 4	1,577,043	0	0
INDEPENDENT BANK CORP MASS	COM	453836108	300	4,013	SH	DFND	1 4	4,013	0	0
INDEPENDENT BANK CORP MASS	COM	453836108	21,262	284,825	SH	DFND	1 3 4	284,825	0	0
INDEPENDENT BANK CORP MICH	COM NEW	453838609	4,296	201,527	SH	DFND	1 3 4	201,527	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	260	4,938	SH	DFND	1 4	4,938	0	0
INDEPENDENT BK GROUP INC	COM	45384B106	1,151	21,883	SH	DFND	1 3 4	21,883	0	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	17,625	829,410	SH	DFND	2 3 4	829,410	0	0
INFINERA CORPORATION	COM	45667G103	71	12,971	SH	DFND	1 4	12,971	0	0
INFOSYS LTD	SPONSORED ADR	456788108	3,250	285,806	SH	DFND	1 3 4	285,806	0	0
ING GROEP N V	SPONSORED ADR	456837103	439	42,000	SH	DFND	1 3 4	0	0	42,000
INGERSOLL-RAND PLC	SHS	G47791101	42,568	345,494	SH	DFND	1 3 4	345,494	0	0
INGERSOLL-RAND PLC	SHS	G47791101	4,356	35,354	SH	DFND	1 4	35,354	0	0
INGERSOLL-RAND PLC	SHS	G47791101	200	1,623	SH	SOLE		0	0	1,623
INGEVITY CORP	COM	45688C107	15,110	178,099	SH	DFND	1 3 4	178,099	0	0
INGEVITY CORP	COM	45688C107	574	6,765	SH	DFND	1 4	6,765	0	0
INGREDION INC	COM	457187102	100,253	1,226,493	SH	DFND	1 3 4	1,225,797	0	696
INGREDION INC	COM	457187102	8,265	101,111	SH	SOLE		101,111	0	0

INGREDION INC	COM	457187102	486	5,942	SH	DFND	1 4	5,942	0	0
INNOPHOS HOLDINGS INC	COM	45774N108	5,041	155,309	SH	DFND	1 3 4	155,309	0	0
INNOSPEC INC	COM	45768S105	17,987	201,779	SH	DFND	1 3 4	201,779	0	0
INNOSPEC INC	COM	45768S105	370	4,150	SH	DFND	1 4	4,150	0	0
INNOVATIVE INDL PPTYS INC	COM	45781V101	8,248	89,293	SH	DFND	1 3 4	89,293	0	0
INNOVIVA INC	COM	45781M101	6,248	592,802	SH	DFND	1 3 4	592,802	0	0
INNOVIVA INC	COM	45781M101	111	10,549	SH	DFND	1 4	10,549	0	0
INOGEN INC	COM	45780L104	6,879	143,589	SH	DFND	1 3 4	143,589	0	0
INOVALON HLDGS INC	COM CL A	45781D101	219	13,354	SH	DFND	1 4	13,354	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	30	14,593	SH	DFND	1 4	14,593	0	0
INOVIO PHARMACEUTICALS INC	COM NEW	45773H201	29	14,190	SH	DFND	1 3 4	14,190	0	0
INPHI CORP	COM	45772F107	317	5,187	SH	DFND	1 4	5,187	0	0
INSEEGO CORP	COM	45782B104	190	39,485	SH	DFND	1 3 4	39,485	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	16,628	298,586	SH	DFND	1 3 4	298,586	0	0
INSIGHT ENTERPRISES INC	COM	45765U103	331	5,949	SH	DFND	1 4	5,949	0	0
INSMED INC	COM PAR \$.01	457669307	3,621	205,268	SH	DFND	1 3 4	205,268	0	0
INSMED INC	COM PAR \$.01	457669307	208	11,811	SH	DFND	1 4	11,811	0	0
INSPERITY INC	COM	45778Q107	16,274	165,017	SH	DFND	1 3 4	165,017	0	0
INSPERITY INC	COM	45778Q107	645	6,536	SH	DFND	1 4	6,536	0	0
INSPIRE MED SYS INC	COM	457730109	1,420	23,266	SH	DFND	1 3 4	23,266	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	9,639	168,094	SH	DFND	1 3 4	168,094	0	0
INSTALLED BLDG PRODS INC	COM	45780R101	265	4,623	SH	DFND	1 4	4,623	0	0
INSTEEL INDUSTRIES INC	COM	45774W108	2,962	144,255	SH	DFND	1 3 4	144,255	0	0
INSULET CORP	COM	45784P101	340	2,062	SH	DFND	1 4	2,062	0	0
INSULET CORP	COM	45784P101	1,999	12,116	SH	DFND	1 3 4	12,116	0	0
INTEGER HLDGS CORP	COM	45826H109	19,538	258,571	SH	DFND	1 3 4	258,571	0	0
INTEGER HLDGS CORP	COM	45826H109	389	5,148	SH	DFND	1 4	5,148	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	18,137	301,930	SH	DFND	1 3 4	301,930	0	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	379	6,307	SH	DFND	1 4	6,307	0	0
INTEL CORP	COM	458140100	340,193	6,601,836	SH	DFND	1 3 4	6,601,836	0	0
INTEL CORP	COM	458140100	4,860	94,311	SH	DFND	1 4	94,311	0	0
INTER PARFUMS INC	COM	458334109	14,771	211,107	SH	DFND	1 3 4	211,005	0	102
INTER PARFUMS INC	COM	458334109	257	3,674	SH	DFND	1 4	3,674	0	0
INTERACTIVE BROKERS GROUP IN	COM CL A	45841N107	17,532	325,988	SH	DFND	1 3 4	325,988	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	306	4,611	SH	DFND	1 3 4	4,611	0	0
INTERCEPT PHARMACEUTICALS IN	COM	45845P108	249	3,750	SH	DFND	1 4	3,750	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	1,477	16,002	SH	DFND	1 4	16,002	0	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	72,980	790,936	SH	DFND	1 3 4	790,936	0	0
INTERDIGITAL INC	COM	45867G101	9,094	173,323	SH	DFND	1 3 4	173,323	0	0
INTERFACE INC	COM	458665304	6,906	478,242	SH	DFND	1 3 4	478,242	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	9,486	245,624	SH	DFND	1 3 4	245,624	0	0
INTERNATIONAL BANCSHARES COR	COM	459044103	232	6,000	SH	DFND	1 4	6,000	0	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	209,523	1,440,815	SH	DFND	1 3 4	1,440,815	0	0
INTERNATIONAL	COM	459200101	4,917	33,812	SH	DFND	1 4	33,812	0	0

BUSINESS MACHS										
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	18,370	149,725	SH	DFND	1 3 4	149,725	0	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	912	7,435	SH	DFND	1 4	7,435	0	0
INTERNATIONAL GAME TECHNOLOG	SHS USD	G4863A108	144	10,159	SH	DFND	1 4	10,159	0	0
INTERNATIONAL SPEEDWAY CORP	CL A	460335201	4,623	102,718	SH	DFND	1 3 4	102,718	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	901	41,778	SH	DFND	1 4	41,778	0	0
INTERPUBLIC GROUP COS INC	COM	460690100	20,161	935,108	SH	DFND	1 3 4	930,529	0	4,579
INTERXION HOLDING N.V	SHS	N47279109	13,394	164,430	SH	DFND	1 3 4	164,430	0	0
INTERXION HOLDING N.V	SHS	N47279109	334,166	4,102,213	SH	DFND	2 3 4	4,102,213	0	0
INTL FCSTONE INC	COM	46116V105	5,275	128,478	SH	DFND	1 3 4	128,478	0	0
INTL PAPER CO	COM	460146103	30,469	728,565	SH	DFND	1 3 4	728,565	0	0
INTL PAPER CO	COM	460146103	1,595	38,128	SH	DFND	1 4	38,128	0	0
INTREXON CORP	COM	46122T102	117	20,423	SH	DFND	1 3 4	20,423	0	0
INTUIT	COM	461202103	99,605	374,540	SH	DFND	1 3 4	374,540	0	0
INTUIT	COM	461202103	7,196	27,060	SH	DFND	1 4	27,060	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	3,014	5,583	SH	DFND	1 4	5,583	0	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	87,217	161,533	SH	DFND	1 3 4	161,533	0	0
INVACARE CORP	COM	461203101	2,112	281,538	SH	DFND	1 3 4	281,538	0	0
INVESCO EXCHANGE TRADED FD T	WATER RES ETF	46137V142	538	14,708	SH	SOLE		0	0	14,708
INVESCO EXCHANGE TRADED FD T	GBL LISTED PVT	46137V589	313	26,477	SH	SOLE		0	0	26,477
INVESCO EXCHNG TRADED FD TR	S&P GBL WATER	46138E263	4,298	112,340	SH	DFND	1 3 4	112,340	0	0
INVESCO EXCHNG TRADED FD TR	TREAS COLATERL	46138G888	792	7,503	SH	SOLE		0	0	7,503
INVESCO LTD	SHS	G491BT108	9,141	539,602	SH	DFND	1 3 4	539,602	0	0
INVESCO LTD	SHS	G491BT108	474	28,010	SH	DFND	1 4	28,010	0	0
INVESCO MORTGAGE CAPITAL INC	COM	46131B100	17,283	1,128,890	SH	DFND	1 3 4	1,128,890	0	0
INVESTORS BANCORP INC NEW	COM	46146L101	192	16,918	SH	DFND	1 4	16,918	0	0
INVITAE CORP	COM	46185L103	847	43,968	SH	DFND	1 3 4	43,968	0	0
INVITAE CORP	COM	46185L103	254	13,205	SH	DFND	1 4	13,205	0	0
INVITATION HOMES INC	COM	46187W107	26,932	909,558	SH	DFND	1 3 4	909,558	0	0
INVITATION HOMES INC	COM	46187W107	657,337	22,199,841	SH	DFND	2 3 4	22,199,841	0	0
INVITATION HOMES INC	COM	46187W107	1,326	44,793	SH	DFND	1 4	44,793	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	1,307	21,824	SH	DFND	1 3 4	21,824	0	0
IONIS PHARMACEUTICALS INC	COM	462222100	845	14,099	SH	DFND	1 4	14,099	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	348	19,127	SH	DFND	1 3 4	19,127	0	0
IOVANCE BIOTHERAPEUTICS INC	COM	462260100	318	17,488	SH	DFND	1 4	17,488	0	0
IPG PHOTONICS CORP	COM	44980X109	6,789	50,063	SH	DFND	1 3 4	50,063	0	0
IPG PHOTONICS CORP	COM	44980X109	288	2,126	SH	DFND	1 4	2,126	0	0
IQVIA HLDGS INC	COM	46266C105	38,525	257,898	SH	DFND	1 3 4	257,898	0	0
IQVIA HLDGS INC	COM	46266C105	2,738	18,332	SH	DFND	1 4	18,332	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	211	2,843	SH	DFND	1 4	2,843	0	0
IRHYTHM TECHNOLOGIES INC	COM	450056106	1,852	24,993	SH	DFND	1 3 4	24,993	0	0
IRIDIUM	COM	46269C102	17,177	807,208	SH	DFND	1 3 4	807,208	0	0

COMMUNICATIONS INC

IROBOT CORP	COM	462726100	14,965	242,659	SH	DFND	1 3 4	242,659	0	0
IRON MTN INC NEW	COM	46284V101	13,026	402,153	SH	DFND	1 3 4	402,153	0	0
IRON MTN INC NEW	COM	46284V101	441	13,622	SH	DFND	1 4	13,622	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	247	28,734	SH	DFND	1 3 4	28,734	0	0
IRONWOOD PHARMACEUTICALS INC	COM CL A	46333X108	201	23,443	SH	DFND	1 4	23,443	0	0
ISHARES INC	MIN VOL EMRG MKT	464286533	863	15,116	SH	SOLE		0	0	15,116
ISHARES INC	CORE MSCI EMKT	46434G103	243	4,958	SH	SOLE		0	0	4,958
ISHARES TR	CORE S&P TTL STK	464287150	432	6,441	SH	SOLE		0	0	6,441
ISHARES TR	CORE S&P500 ETF	464287200	193,106	646,878	SH	DFND	1 3 4	646,878	0	0
ISHARES TR	CORE S&P500 ETF	464287200	855	2,864	SH	SOLE		0	0	2,864
ISHARES TR	CORE US AGGBD ET	464287226	10,208	90,199	SH	DFND	1 3 4	90,199	0	0
ISHARES TR	IBOXX INV CP ETF	464287242	238	1,866	SH	SOLE		0	0	1,866
ISHARES TR	20 YR TR BD ETF	464287432	724	5,059	SH	SOLE		0	0	5,059
ISHARES TR	1 3 YR TREAS BD	464287457	256	3,015	SH	SOLE		0	0	3,015
ISHARES TR	MSCI EAFE ETF	464287465	5,791	88,803	SH	DFND	1 3 4	88,803	0	0
ISHARES TR	RUS MID CAP ETF	464287499	1,375	24,584	SH	DFND	1 3 4	24,584	0	0
ISHARES TR	CORE S&P MCP ETF	464287507	10,550	54,600	SH	DFND	1 3 4	54,600	0	0
ISHARES TR	RUS 1000 GRW ETF	464287614	228	1,428	SH	SOLE		1,427	0	1
ISHARES TR	RUS 2000 VAL ETF	464287630	1,814	15,188	SH	DFND	1 3 4	15,188	0	0
ISHARES TR	RUS 2000 VAL ETF	464287630	1,436	12,024	SH	SOLE		11,600	0	424
ISHARES TR	CORE S&P SCP ETF	464287804	15,163	194,800	SH	DFND	1 3 4	194,800	0	0
ISHARES TR	CORE S&P SCP ETF	464287804	1,025	13,174	SH	SOLE		0	0	13,174
ISHARES TR	SHRT NAT MUN ETF	464288158	2,131	20,000	SH	DFND	1 3 4	20,000	0	0
ISHARES TR	CALIF MUN BD ETF	464288356	17,980	293,410	SH	DFND	1 3 4	293,410	0	0
ISHARES TR	NATIONAL MUN ETF	464288414	1,799	15,766	SH	SOLE		0	0	15,766
ISHARES TR	NATIONAL MUN ETF	464288414	4,507	39,500	SH	DFND	1 3 4	39,500	0	0
ISHARES TR	IBOXX HI YD ETF	464288513	498	5,711	SH	SOLE		0	0	5,711
ISHARES TR	MBS ETF	464288588	250,139	2,309,689	SH	DFND	1 3 4	2,309,689	0	0
ISHARES TR	MBS ETF	464288588	410	3,785	SH	SOLE		0	0	3,785
ISHARES TR	INTRM TR CRP ETF	464288638	316	5,456	SH	SOLE		0	0	5,456
ISHARES TR	SHORT TREAS BD	464288679	365	3,304	SH	SOLE		0	0	3,304
ISHARES TR	US AER DEF ETF	464288760	654	2,909	SH	SOLE		0	0	2,909
ISHARES TR	EAFE VALUE ETF	464288877	287	6,055	SH	SOLE		0	0	6,055
ISHARES TR	US TREAS BD ETF	46429B267	573	21,772	SH	SOLE		0	0	21,772
ISHARES TR	FLTG RATE NT ETF	46429B655	266	5,213	SH	SOLE		0	0	5,213

ISHARES TR	MIN VOL EAFE ETF	46429B689	265	3,620	SH	SOLE		0	0	3,620
ISHARES TR	MSCI MIN VOL ETF	46429B697	1,554	24,247	SH	SOLE		0	0	24,247
ISHARES TR	CORE MSCI EAFE	46432F842	448	7,339	SH	SOLE		0	0	7,339
ISHARES US ETF TR	SHT MAT BD ETF	46431W507	232	4,618	SH	SOLE		0	0	4,618
ISTAR INC	COM	45031U101	6,085	466,311	SH	DFND	1 3 4	466,311	0	0
ISTAR INC	COM	45031U101	149	11,391	SH	DFND	1 4	11,391	0	0
ITRON INC	COM	465741106	20,486	276,989	SH	DFND	1 3 4	276,989	0	0
ITRON INC	COM	465741106	444	6,006	SH	DFND	1 4	6,006	0	0
ITT INC	COM	45073V108	23,359	381,750	SH	DFND	1 3 4	381,750	0	0
ITT INC	COM	45073V108	489	7,999	SH	DFND	1 4	7,999	0	0
J & J SNACK FOODS CORP	COM	466032109	334	1,738	SH	DFND	1 4	1,738	0	0
J & J SNACK FOODS CORP	COM	466032109	23,158	120,615	SH	DFND	1 3 4	120,615	0	0
J JILL INC	COM	46620W102	20	10,367	SH	DFND	1 3 4	10,367	0	0
J2 GLOBAL INC	COM	48123V102	736	8,099	SH	DFND	1 4	8,099	0	0
J2 GLOBAL INC	COM	48123V102	18,049	198,736	SH	DFND	1 3 4	198,736	0	0
JABIL INC	COM	466313103	21,247	593,979	SH	DFND	1 3 4	593,979	0	0
JABIL INC	COM	466313103	702	19,618	SH	DFND	1 4	19,618	0	0
JACK IN THE BOX INC	COM	466367109	9,995	109,688	SH	DFND	1 3 4	109,688	0	0
JACK IN THE BOX INC	COM	466367109	333	3,651	SH	DFND	1 4	3,651	0	0
JACOBS ENGR GROUP INC	COM	469814107	17,404	190,212	SH	DFND	1 3 4	190,212	0	0
JACOBS ENGR GROUP INC	COM	469814107	1,115	12,189	SH	DFND	1 4	12,189	0	0
JAGGED PEAK ENERGY INC	COM	47009K107	3,424	471,565	SH	DFND	1 3 4	471,565	0	0
JAMES HARDIE INDS PLC	SPONSORED ADR	47030M106	521	31,000	SH	DFND	1 3 4	0	0	31,000
JAMES RIV GROUP LTD	COM	G5005R107	238	4,643	SH	DFND	1 4	4,643	0	0
JAMES RIV GROUP LTD	COM	G5005R107	11,816	230,598	SH	SOLE		230,598	0	0
JAMES RIV GROUP LTD	COM	G5005R107	112,282	2,191,286	SH	DFND	1 3 4	2,189,795	0	1,491
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	849	6,626	SH	DFND	1 4	6,626	0	0
JBG SMITH PPTYS	COM	46590V100	19,658	501,343	SH	DFND	1 3 4	501,343	0	0
JBG SMITH PPTYS	COM	46590V100	454	11,566	SH	DFND	1 4	11,566	0	0
JD COM INC	SPON ADR CL A	47215P106	20,530	727,752	SH	DFND	1 3 4	727,752	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	20,839	1,132,539	SH	DFND	1 3 4	1,132,539	0	0
JEFFERIES FINL GROUP INC	COM	47233W109	442	24,044	SH	DFND	1 4	24,044	0	0
JERNIGAN CAP INC	COM	476405105	372	19,335	SH	DFND	1 3 4	19,335	0	0
JETBLUE AWYS CORP	COM	477143101	21,109	1,260,262	SH	DFND	1 3 4	1,260,262	0	0
JETBLUE AWYS CORP	COM	477143101	530	31,631	SH	DFND	1 4	31,631	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	536	5,387	SH	DFND	1 4	5,387	0	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	24,843	249,857	SH	DFND	1 3 4	249,857	0	0
JOHNSON & JOHNSON	COM	478160104	553,515	4,278,210	SH	DFND	1 3 4	4,278,210	0	0
JOHNSON & JOHNSON	COM	478160104	10,874	84,049	SH	DFND	1 4	84,049	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	54,580	1,243,554	SH	DFND	1 3 4	1,243,554	0	0
JOHNSON CTLS INTL PLC	SHS	G51502105	616	14,024	SH	DFND	1 4	14,024	0	0
JONES LANG LASALLE INC	COM	48020Q107	30,432	218,842	SH	DFND	1 3 4	218,842	0	0
JONES LANG LASALLE INC	COM	48020Q107	583	4,190	SH	DFND	1 4	4,190	0	0
JPMORGAN CHASE & CO	COM	46625H100	902,707	7,670,210	SH	DFND	1 3 4	7,653,716	0	16,494

JPMORGAN CHASE & CO	COM	46625H100	5,930	50,383	SH	DFND	1 4	50,383	0	0
JUNIPER NETWORKS INC	COM	48203R104	12,113	489,406	SH	DFND	1 3 4	489,406	0	0
JUNIPER NETWORKS INC	COM	48203R104	834	33,705	SH	DFND	1 4	33,705	0	0
K12 INC	COM	48273U102	17,268	654,093	SH	DFND	1 3 4	654,093	0	0
KADANT INC	COM	48282T104	552	6,284	SH	DFND	1 3 4	6,284	0	0
KADMON HLDGS INC	COM	48283N106	52	20,714	SH	DFND	1 4	20,714	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	13,708	138,502	SH	DFND	1 3 4	138,502	0	0
KAISER ALUMINUM CORP	COM PAR \$0.01	483007704	255	2,574	SH	DFND	1 4	2,574	0	0
KAMAN CORP	COM	483548103	13,072	219,851	SH	DFND	1 3 4	219,851	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	18,834	141,598	SH	DFND	1 3 4	141,598	0	0
KANSAS CITY SOUTHERN	COM NEW	485170302	1,228	9,233	SH	DFND	1 4	9,233	0	0
KAR AUCTION SVCS INC	COM	48238T109	54,262	2,210,281	SH	DFND	1 3 4	2,199,823	0	10,458
KAR AUCTION SVCS INC	COM	48238T109	3,500	142,582	SH	SOLE		142,582	0	0
KB HOME	COM	48666K109	12,367	363,724	SH	DFND	1 3 4	363,724	0	0
KB HOME	COM	48666K109	412	12,104	SH	DFND	1 4	12,104	0	0
KBR INC	COM	48242W106	364	14,842	SH	DFND	1 4	14,842	0	0
KBR INC	COM	48242W106	17,833	726,694	SH	DFND	1 3 4	726,694	0	0
KELLOGG CO	COM	487836108	22,413	348,302	SH	DFND	1 3 4	348,302	0	0
KELLOGG CO	COM	487836108	1,418	22,028	SH	DFND	1 4	22,028	0	0
KELLY SVCS INC	CL A	488152208	6,335	261,579	SH	DFND	1 3 4	261,579	0	0
KEMET CORP	COM NEW	488360207	8,375	460,650	SH	DFND	1 3 4	460,650	0	0
KEMPER CORP DEL	COM	488401100	43,320	555,738	SH	DFND	1 3 4	555,738	0	0
KEMPER CORP DEL	COM	488401100	493	6,329	SH	DFND	1 4	6,329	0	0
KENNAMETAL INC	COM	489170100	10,767	350,260	SH	DFND	1 3 4	350,260	0	0
KENNEDY-WILSON HLDGS INC	COM	489398107	177,571	8,100,884	SH	DFND	1 3 4	8,100,884	0	0
KENNEDY-WILSON HLDGS INC	COM	489398107	255	11,620	SH	DFND	1 4	11,620	0	0
KEURIG DR PEPPER INC	COM	49271V100	4,999	182,989	SH	DFND	1 3 4	170,943	0	12,046
KEYCORP NEW	COM	493267108	27,188	1,523,966	SH	DFND	1 3 4	1,523,966	0	0
KEYCORP NEW	COM	493267108	1,930	108,176	SH	DFND	1 4	108,176	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	26,537	272,874	SH	DFND	1 3 4	272,874	0	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	1,911	19,647	SH	DFND	1 4	19,647	0	0
KFORCE INC	COM	493732101	410	10,834	SH	DFND	1 3 4	10,834	0	0
KILROY RLTY CORP	COM	49427F108	41,898	537,916	SH	DFND	1 3 4	537,916	0	0
KILROY RLTY CORP	COM	49427F108	795	10,208	SH	DFND	1 4	10,208	0	0
KILROY RLTY CORP	COM	49427F108	279,646	3,590,260	SH	DFND	2 3 4	3,590,260	0	0
KIMBERLY CLARK CORP	COM	494368103	68,772	484,136	SH	DFND	1 3 4	484,136	0	0
KIMBERLY CLARK CORP	COM	494368103	757	5,327	SH	DFND	1 4	5,327	0	0
KIMCO RLTY CORP	COM	49446R109	12,476	597,494	SH	DFND	1 3 4	597,494	0	0
KIMCO RLTY CORP	COM	49446R109	598	28,641	SH	DFND	1 4	28,641	0	0
KINDER MORGAN INC DEL	COM	49456B101	677	32,824	SH	SOLE		32,824	0	0
KINDER MORGAN INC DEL	COM	49456B101	73,098	3,546,743	SH	DFND	1 3 4	3,546,743	0	0
KINDER MORGAN INC DEL	COM	49456B101	628	30,458	SH	DFND	1 4	30,458	0	0
KINSALE CAP GROUP INC	COM	49714P108	692	6,703	SH	DFND	1 3 4	6,703	0	0
KINSALE CAP GROUP INC	COM	49714P108	234	2,264	SH	DFND	1 4	2,264	0	0
KIRBY CORP	COM	497266106	32,155	391,373	SH	DFND	1 3 4	388,899	0	2,474
KIRBY CORP	COM	497266106	311	3,791	SH	DFND	1 4	3,791	0	0
KITE RLTY GROUP TR	COM NEW	49803T300	10,706	662,890	SH	DFND	1 3 4	662,890	0	0
KKR & CO INC	CL A	48251W104	557,273	20,755,057	SH	DFND	1 3 4	20,735,391	0	19,666

KKR & CO INC	CL A	48251W104	834	31,054	SH	SOLE		31,054	0	0
KKR REAL ESTATE FIN TR INC	COM	48251K100	1,307	66,928	SH	DFND	1 3 4	66,928	0	0
KLA CORPORATION	COM NEW	482480100	35,917	225,254	SH	DFND	1 3 4	225,254	0	0
KLA CORPORATION	COM NEW	482480100	3,104	19,470	SH	DFND	1 4	19,470	0	0
KLX ENERGY SERVICES HOLDNGS I	COM	48253L106	1,432	165,701	SH	DFND	1 3 4	165,701	0	0
KNIGHT SWIFT TRANSN HLDGS IN	CL A	499049104	18,962	522,371	SH	DFND	1 3 4	522,371	0	0
KNIGHT SWIFT TRANSN HLDGS IN	CL A	499049104	290	7,994	SH	DFND	1 4	7,994	0	0
KNOLL INC	COM NEW	498904200	426	16,801	SH	DFND	1 3 4	16,801	0	0
KNOLL INC	COM NEW	498904200	286	11,289	SH	DFND	1 4	11,289	0	0
KNOWLES CORP	COM	49926D109	13,740	675,533	SH	DFND	1 3 4	675,533	0	0
KOHL'S CORP	COM	500255104	13,518	272,213	SH	DFND	1 3 4	272,213	0	0
KOHL'S CORP	COM	500255104	575	11,588	SH	DFND	1 4	11,588	0	0
KONTOOR BRANDS INC	COM	50050N103	12,912	367,870	SH	DFND	1 3 4	367,870	0	0
KOPPERS HOLDINGS INC	COM	50060P106	4,765	163,134	SH	DFND	1 3 4	163,134	0	0
KORN FERRY	COM NEW	500643200	26,680	690,476	SH	DFND	1 3 4	690,476	0	0
KORN FERRY	COM NEW	500643200	252	6,528	SH	DFND	1 4	6,528	0	0
KOSMOS ENERGY LTD	COM	500688106	220	35,271	SH	DFND	1 4	35,271	0	0
KRAFT HEINZ CO	COM	500754106	24,367	872,272	SH	DFND	1 3 4	872,272	0	0
KRAFT HEINZ CO	COM	500754106	495	17,708	SH	DFND	1 4	17,708	0	0
KRATON CORPORATION	COM	50077C106	8,075	250,084	SH	DFND	1 3 4	250,084	0	0
KRATOS DEFENSE & SEC SOLUTIO	COM NEW	50077B207	194	10,432	SH	DFND	1 4	10,432	0	0
KROGER CO	COM	501044101	32,925	1,277,129	SH	DFND	1 3 4	1,277,129	0	0
KROGER CO	COM	501044101	2,019	78,335	SH	DFND	1 4	78,335	0	0
KULICKE & SOFFA INDS INC	COM	501242101	92,547	3,941,511	SH	DFND	1 3 4	3,938,788	0	2,723
KULICKE & SOFFA INDS INC	COM	501242101	8,938	380,666	SH	SOLE		380,666	0	0
L BRANDS INC	COM	501797104	6,430	328,233	SH	DFND	1 3 4	328,233	0	0
L BRANDS INC	COM	501797104	502	25,643	SH	DFND	1 4	25,643	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	67,143	321,825	SH	DFND	1 3 4	321,825	0	0
L3HARRIS TECHNOLOGIES INC	COM	502431109	5,561	26,655	SH	DFND	1 4	26,655	0	0
LA Z BOY INC	COM	505336107	274	8,169	SH	DFND	1 4	8,169	0	0
LA Z BOY INC	COM	505336107	12,830	381,946	SH	DFND	1 3 4	381,946	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	1,926	11,465	SH	DFND	1 4	11,465	0	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	23,015	136,994	SH	DFND	1 3 4	136,994	0	0
LADDER CAP CORP	CL A	505743104	16,395	949,370	SH	DFND	1 3 4	949,370	0	0
LADDER CAP CORP	CL A	505743104	195	11,306	SH	DFND	1 4	11,306	0	0
LADENBURG THALMAN FIN SVCS I	COM	50575Q102	42	17,574	SH	DFND	1 4	17,574	0	0
LAKELAND BANCORP INC	COM	511637100	3,459	224,168	SH	DFND	1 3 4	224,168	0	0
LAKELAND FINL CORP	COM	511656100	445	10,115	SH	DFND	1 3 4	10,115	0	0
LAKELAND FINL CORP	COM	511656100	205	4,650	SH	DFND	1 4	4,650	0	0
LAM RESEARCH CORP	COM	512807108	67,588	292,450	SH	DFND	1 3 4	292,450	0	0
LAM RESEARCH CORP	COM	512807108	5,161	22,330	SH	DFND	1 4	22,330	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	809	9,878	SH	DFND	1 4	9,878	0	0
LAMAR ADVERTISING CO NEW	CL A	512816109	29,980	365,927	SH	DFND	1 3 4	365,927	0	0
LAMB WESTON HLDGS INC	COM	513272104	14,878	204,593	SH	DFND	1 3 4	204,593	0	0
LAMB WESTON HLDGS INC	COM	513272104	841	11,571	SH	DFND	1 4	11,571	0	0
LANCASTER COLONY	COM	513847103	11,707	84,434	SH	DFND	1 3 4	84,434	0	0

CORP										
LANCASTER COLONY CORP	COM	513847103	423	3,049	SH	DFND	1 4	3,049	0	0
LANDSTAR SYS INC	COM	515098101	19,385	172,192	SH	DFND	1 3 4	172,192	0	0
LANDSTAR SYS INC	COM	515098101	611	5,427	SH	DFND	1 4	5,427	0	0
LANNET INC	COM	516012101	3,498	312,340	SH	DFND	1 3 4	312,340	0	0
LANTHEUS HLDGS INC	COM	516544103	7,979	318,349	SH	DFND	1 3 4	318,349	0	0
LAREDO PETROLEUM INC	COM	516806106	3,431	1,423,476	SH	DFND	1 3 4	1,423,476	0	0
LAREDO PETROLEUM INC	COM	516806106	43	17,928	SH	DFND	1 4	17,928	0	0
LAS VEGAS SANDS CORP	COM	517834107	854	14,793	SH	DFND	1 4	14,793	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	1,071	58,591	SH	DFND	1 3 4	58,591	0	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	264	14,452	SH	DFND	1 4	14,452	0	0
LAUDER ESTEE COS INC	CL A	518439104	61,991	311,588	SH	DFND	1 3 4	311,588	0	0
LAUDER ESTEE COS INC	CL A	518439104	2,079	10,452	SH	DFND	1 4	10,452	0	0
LAZARD LTD	SHS A	G54050102	392	11,213	SH	DFND	1 4	11,213	0	0
LCI INDS	COM	50189K103	86,726	944,209	SH	DFND	1 3 4	943,660	0	549
LCI INDS	COM	50189K103	416	4,532	SH	DFND	1 4	4,532	0	0
LCI INDS	COM	50189K103	8,214	89,426	SH	SOLE		89,426	0	0
LEAR CORP	COM NEW	521865204	3,717	31,523	SH	DFND	1 3 4	31,523	0	0
LEAR CORP	COM NEW	521865204	713	6,046	SH	DFND	1 4	6,046	0	0
LEGACY TEX FINL GROUP INC	COM	52471Y106	17,991	413,310	SH	DFND	1 3 4	413,310	0	0
LEGACY TEX FINL GROUP INC	COM	52471Y106	301	6,922	SH	DFND	1 4	6,922	0	0
LEGG MASON INC	COM	524901105	17,065	446,849	SH	DFND	1 3 4	446,849	0	0
LEGG MASON INC	COM	524901105	317	8,299	SH	DFND	1 4	8,299	0	0
LEGGETT & PLATT INC	COM	524660107	480	11,713	SH	DFND	1 4	11,713	0	0
LEGGETT & PLATT INC	COM	524660107	7,539	184,150	SH	DFND	1 3 4	184,150	0	0
LEIDOS HLDGS INC	COM	525327102	95,228	1,108,856	SH	DFND	1 3 4	1,108,144	0	712
LEIDOS HLDGS INC	COM	525327102	1,077	12,542	SH	DFND	1 4	12,542	0	0
LEIDOS HLDGS INC	COM	525327102	9,022	105,048	SH	SOLE		105,048	0	0
LEMAITRE VASCULAR INC	COM	525558201	4,587	134,214	SH	DFND	1 3 4	134,214	0	0
LENDINGTREE INC NEW	COM	52603B107	10,104	32,550	SH	DFND	1 3 4	32,550	0	0
LENNAR CORP	CL A	526057104	237,658	4,255,289	SH	DFND	1 3 4	4,255,289	0	0
LENNAR CORP	CL A	526057104	1,833	32,825	SH	DFND	1 4	32,825	0	0
LENNAR CORP	CL B	526057302	212	4,786	SH	DFND	1 4	4,786	0	0
LENNAR CORP	CL B	526057302	2,046	46,112	SH	DFND	1 3 4	46,112	0	0
LENNOX INTL INC	COM	526107107	1,021	4,204	SH	DFND	1 4	4,204	0	0
LENNOX INTL INC	COM	526107107	36,468	150,093	SH	DFND	1 3 4	150,093	0	0
LEXICON PHARMACEUTICALS INC	COM NEW	528872302	47	15,765	SH	DFND	1 3 4	15,765	0	0
LEXINFINTECH HLDGS LTD	ADR	528877103	554	55,228	SH	DFND	1 3 4	55,228	0	0
LEXINGTON REALTY TRUST	COM	529043101	23,045	2,248,307	SH	DFND	1 3 4	2,248,307	0	0
LEXINGTON REALTY TRUST	COM	529043101	258	25,163	SH	DFND	1 4	25,163	0	0
LGI HOMES INC	COM	50187T106	13,116	157,413	SH	DFND	1 3 4	157,413	0	0
LHC GROUP INC	COM	50187A107	28,495	250,928	SH	DFND	1 3 4	250,928	0	0
LHC GROUP INC	COM	50187A107	564	4,968	SH	DFND	1 4	4,968	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	94,499	904,142	SH	DFND	1 3 4	904,142	0	0
LIBERTY BROADBAND CORP	COM SER A	530307107	234	2,235	SH	DFND	1 4	2,235	0	0
LIBERTY BROADBAND CORP	COM SER C	530307305	181,302	1,732,155	SH	DFND	1 3 4	1,732,155	0	0
LIBERTY BROADBAND	COM SER C	530307305	769	7,345	SH	DFND	1 4	7,345	0	0

CORP										
LIBERTY GLOBAL PLC	SHS CL A	G5480U104	20,442	825,969	SH	DFND	1 3 4	825,969	0	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	177,010	7,440,555	SH	DFND	1 3 4	7,440,555	0	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM	531229409	57,986	1,394,912	SH	DFND	1 3 4	1,394,912	0	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM	531229409	326	7,840	SH	DFND	1 4	7,840	0	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM	531229607	178,855	4,262,497	SH	DFND	1 3 4	4,262,497	0	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM	531229607	651	15,507	SH	DFND	1 4	15,507	0	0
LIBERTY MEDIA CORP DELAWARE	COM A BRAVES GRP	531229706	4,908	176,373	SH	DFND	1 3 4	176,373	0	0
LIBERTY MEDIA CORP DELAWARE	COM SER C FRMLA	531229854	267,151	6,423,458	SH	DFND	1 3 4	6,423,458	0	0
LIBERTY MEDIA CORP DELAWARE	COM SER C FRMLA	531229854	576	13,856	SH	DFND	1 4	13,856	0	0
LIBERTY MEDIA CORP DELAWARE	COM SER A FRMLA	531229870	26,367	666,015	SH	DFND	1 3 4	666,015	0	0
LIBERTY MEDIA CORP DELAWARE	COM C BRAVES GRP	531229888	20,179	727,175	SH	DFND	1 3 4	727,175	0	0
LIBERTY PPTY TR	SH BEN INT	531172104	819	15,957	SH	DFND	1 4	15,957	0	0
LIBERTY PPTY TR	SH BEN INT	531172104	44,876	874,268	SH	DFND	1 3 4	874,268	0	0
LIBERTY TRIPADVISOR HLDGS IN	COM SER A	531465102	110	11,646	SH	DFND	1 4	11,646	0	0
LIFE STORAGE INC	COM	53223X107	20,915	198,420	SH	DFND	1 3 4	198,420	0	0
LIFE STORAGE INC	COM	53223X107	475	4,504	SH	DFND	1 4	4,504	0	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	8,041	80,785	SH	DFND	1 3 4	80,785	0	0
LILLY ELI & CO	COM	532457108	158,436	1,416,761	SH	DFND	1 3 4	1,416,761	0	0
LILLY ELI & CO	COM	532457108	4,691	41,950	SH	DFND	1 4	41,950	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	100,853	1,162,428	SH	DFND	1 3 4	1,157,444	0	4,984
LINCOLN ELEC HLDGS INC	COM	533900106	712	8,201	SH	DFND	1 4	8,201	0	0
LINCOLN ELEC HLDGS INC	COM	533900106	6,745	77,755	SH	SOLE		77,755	0	0
LINCOLN NATL CORP IND	COM	534187109	17,423	288,842	SH	DFND	1 3 4	288,842	0	0
LINCOLN NATL CORP IND	COM	534187109	853	14,139	SH	DFND	1 4	14,139	0	0
LINDE PLC	SHS	G5494J103	2,219	11,453	SH	DFND	1 4	11,453	0	0
LINDE PLC	SHS	G5494J103	4,174	21,547	SH	SOLE		21,540	0	7
LINDE PLC	SHS	G5494J103	258,147	1,332,577	SH	DFND	1 3 4	1,332,577	0	0
LINDSAY CORP	COM	535555106	8,855	95,364	SH	DFND	1 3 4	95,364	0	0
LINEAGE CELL THERAPEUTICS IN	COM	53566P109	11	11,427	SH	DFND	1 4	11,427	0	0
LIONS GATE ENTMTNT CORP	CL B NON VTG	535919500	95	10,835	SH	DFND	1 4	10,835	0	0
LIQUIDITY SERVICES INC	COM	53635B107	1,571	212,334	SH	DFND	1 3 4	212,334	0	0
LITHIA MTRS INC	CL A	536797103	23,404	176,794	SH	DFND	1 3 4	176,794	0	0
LITHIA MTRS INC	CL A	536797103	471	3,556	SH	DFND	1 4	3,556	0	0
LITTELFUSE INC	COM	537008104	10,717	60,442	SH	SOLE		60,442	0	0
LITTELFUSE INC	COM	537008104	133,521	753,039	SH	DFND	1 3 4	750,655	0	2,384
LITTELFUSE INC	COM	537008104	395	2,227	SH	DFND	1 4	2,227	0	0
LIVANOVA PLC	SHS	G5509L101	382	5,175	SH	DFND	1 4	5,175	0	0
LIVANOVA PLC	SHS	G5509L101	15,237	206,494	SH	DFND	1 3 4	206,494	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	277,544	4,183,660	SH	DFND	1 3 4	4,183,660	0	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	869	13,092	SH	DFND	1 4	13,092	0	0
LIVE OAK BANCSHARES INC	COM	53803X105	252	13,901	SH	DFND	1 3 4	13,901	0	0

LIVENT CORP	COM	53814L108	8,571	1,281,213	SH	DFND	1 3 4	1,278,663	0	2,550
LIVENT CORP	COM	53814L108	72	10,745	SH	DFND	1 4	10,745	0	0
LIVEPERSON INC	COM	538146101	17,160	480,659	SH	DFND	1 3 4	480,659	0	0
LIVEPERSON INC	COM	538146101	251	7,031	SH	DFND	1 4	7,031	0	0
LIVERAMP HLDGS INC	COM	53815P108	13,370	311,212	SH	DFND	1 3 4	311,212	0	0
LIVERAMP HLDGS INC	COM	53815P108	216	5,032	SH	DFND	1 4	5,032	0	0
LKQ CORP	COM	501889208	13,718	436,169	SH	DFND	1 3 4	436,169	0	0
LKQ CORP	COM	501889208	1,223	38,887	SH	DFND	1 4	38,887	0	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR	539439109	82	30,879	SH	DFND	1 3 4	30,879	0	0
LOCKHEED MARTIN CORP	COM	539830109	139,249	356,995	SH	DFND	1 3 4	356,995	0	0
LOCKHEED MARTIN CORP	COM	539830109	7,060	18,099	SH	DFND	1 4	18,099	0	0
LOEWS CORP	COM	540424108	18,793	365,064	SH	DFND	1 3 4	365,064	0	0
LOEWS CORP	COM	540424108	1,277	24,807	SH	DFND	1 4	24,807	0	0
LOGMEIN INC	COM	54142L109	15,780	222,375	SH	DFND	1 3 4	222,375	0	0
LOGMEIN INC	COM	54142L109	323	4,557	SH	DFND	1 4	4,557	0	0
LOUISIANA PAC CORP	COM	546347105	13,027	529,968	SH	DFND	1 3 4	529,968	0	0
LOUISIANA PAC CORP	COM	546347105	364	14,824	SH	DFND	1 4	14,824	0	0
LOWES COS INC	COM	548661107	4,274	38,872	SH	DFND	1 4	38,872	0	0
LOWES COS INC	COM	548661107	119,671	1,088,310	SH	DFND	1 3 4	1,088,310	0	0
LPL FINL HLDGS INC	COM	50212V100	776	9,480	SH	DFND	1 4	9,480	0	0
LPL FINL HLDGS INC	COM	50212V100	20,061	244,946	SH	DFND	1 3 4	244,946	0	0
LSB INDS INC	COM	502160104	894	172,535	SH	DFND	1 3 4	172,535	0	0
LTC PPTYS INC	COM	502175102	17,323	338,204	SH	DFND	1 3 4	338,204	0	0
LTC PPTYS INC	COM	502175102	251	4,905	SH	DFND	1 4	4,905	0	0
LULULEMON ATHLETICA INC	COM	550021109	26,664	138,493	SH	DFND	1 3 4	133,706	0	4,787
LULULEMON ATHLETICA INC	COM	550021109	2,356	12,237	SH	DFND	1 4	12,237	0	0
LUMBER LIQUIDATORS HLDGS INC	COM	55003T107	2,237	226,678	SH	DFND	1 3 4	226,678	0	0
LUMENTUM HLDGS INC	COM	55024U109	17,495	326,646	SH	DFND	1 3 4	326,646	0	0
LUMENTUM HLDGS INC	COM	55024U109	302	5,642	SH	DFND	1 4	5,642	0	0
LUMINEX CORP DEL	COM	55027E102	7,245	350,849	SH	DFND	1 3 4	350,849	0	0
LYDALL INC DEL	COM	550819106	3,445	138,304	SH	DFND	1 3 4	138,304	0	0
LYON WILLIAM HOMES	CL A NEW	552074700	28,987	1,423,735	SH	DFND	1 3 4	1,423,735	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	657	7,346	SH	DFND	1 4	7,346	0	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	39,650	443,161	SH	DFND	1 3 4	443,161	0	0
M & T BK CORP	COM	55261F104	148,718	941,433	SH	DFND	1 3 4	941,433	0	0
M & T BK CORP	COM	55261F104	2,163	13,694	SH	DFND	1 4	13,694	0	0
M D C HLDGS INC	COM	552676108	17,869	414,601	SH	DFND	1 3 4	414,601	0	0
M D C HLDGS INC	COM	552676108	235	5,460	SH	DFND	1 4	5,460	0	0
M/I HOMES INC	COM	55305B101	8,201	217,825	SH	DFND	1 3 4	217,825	0	0
MACERICH CO	COM	554382101	4,876	154,339	SH	DFND	1 3 4	154,339	0	0
MACERICH CO	COM	554382101	453	14,326	SH	DFND	2 3 4	14,326	0	0
MACK CALI RLTY CORP	COM	554489104	8,331	384,631	SH	DFND	1 3 4	384,631	0	0
MACK CALI RLTY CORP	COM	554489104	218	10,050	SH	DFND	1 4	10,050	0	0
MACQUARIE INFRASTRUCTURE COR	COM	55608B105	285	7,222	SH	DFND	1 4	7,222	0	0
MACROGENICS INC	COM	556099109	2,796	219,143	SH	DFND	1 3 4	219,143	0	0
MACYS INC	COM	55616P104	6,790	436,926	SH	DFND	1 3 4	436,926	0	0
MACYS INC	COM	55616P104	424	27,286	SH	DFND	1 4	27,286	0	0
MADDEN STEVEN LTD	COM	556269108	23,322	651,654	SH	DFND	1 3 4	651,654	0	0
MADDEN STEVEN LTD	COM	556269108	541	15,127	SH	DFND	1 4	15,127	0	0
MADISON SQUARE GARDEN CO NEW	CL A	55825T103	322	1,222	SH	DFND	1 4	1,222	0	0
MAGELLAN HEALTH INC	COM NEW	559079207	10,962	176,519	SH	DFND	1 3 4	176,519	0	0

MAGELLAN HEALTH INC	COM NEW	559079207	221	3,554	SH	DFND	1 4	3,554	0	0
MAGENTA THERAPEUTICS INC	COM	55910K108	2,373	231,256	SH	DFND	1 3 4	231,256	0	0
MAGNA INTL INC	COM	559222401	153,736	2,882,723	SH	DFND	1 3 4	2,870,982	0	11,741
MAGNOLIA OIL & GAS CORP	CL A	559663109	128	11,527	SH	DFND	1 4	11,527	0	0
MALLINCKRODT PUB LTD CO	SHS	G5785G107	168	69,728	SH	DFND	1 3 4	69,728	0	0
MAMMOTH ENERGY SVCS INC	COM	56155L108	28	11,154	SH	DFND	1 3 4	11,154	0	0
MANHATTAN ASSOCS INC	COM	562750109	723	8,966	SH	DFND	1 4	8,966	0	0
MANHATTAN ASSOCS INC	COM	562750109	46,491	576,315	SH	DFND	1 3 4	576,315	0	0
MANNKIND CORP	COM NEW	56400P706	35	27,882	SH	DFND	1 3 4	27,882	0	0
MANNKIND CORP	COM NEW	56400P706	36	28,626	SH	DFND	1 4	28,626	0	0
MANPOWERGROUP INC	COM	56418H100	22,680	269,226	SH	DFND	1 3 4	269,226	0	0
MANPOWERGROUP INC	COM	56418H100	451	5,357	SH	DFND	1 4	5,357	0	0
MANTECH INTL CORP	CL A	564563104	15,210	213,000	SH	DFND	1 3 4	213,000	0	0
MANTECH INTL CORP	CL A	564563104	214	3,002	SH	DFND	1 4	3,002	0	0
MARATHON OIL CORP	COM	565849106	14,654	1,194,281	SH	DFND	1 3 4	1,194,281	0	0
MARATHON OIL CORP	COM	565849106	1,014	82,652	SH	DFND	1 4	82,652	0	0
MARATHON PETE CORP	COM	56585A102	245,074	4,034,136	SH	DFND	1 3 4	4,026,557	0	7,579
MARATHON PETE CORP	COM	56585A102	1,019	16,781	SH	DFND	1 4	16,781	0	0
MARCUS & MILLICHAP INC	COM	566324109	7,331	206,558	SH	DFND	1 3 4	206,558	0	0
MARCUS CORP	COM	566330106	7,073	191,107	SH	DFND	1 3 4	191,107	0	0
MARINEMAX INC	COM	567908108	2,644	170,785	SH	DFND	1 3 4	170,785	0	0
MARKEL CORP	COM	570535104	793,578	671,443	SH	DFND	1 3 4	671,116	0	327
MARKEL CORP	COM	570535104	1,085	918	SH	DFND	1 4	918	0	0
MARKEL CORP	COM	570535104	3,774	3,193	SH	SOLE		3,193	0	0
MARKETAXESS HLDGS INC	COM	57060D108	17,555	53,602	SH	DFND	1 3 4	53,602	0	0
MARKETAXESS HLDGS INC	COM	57060D108	1,215	3,711	SH	DFND	1 4	3,711	0	0
MARRIOTT INTL INC NEW	CL A	571903202	60,878	489,493	SH	DFND	1 3 4	489,493	0	0
MARRIOTT INTL INC NEW	CL A	571903202	1,680	13,509	SH	DFND	1 4	13,509	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	17,049	164,546	SH	DFND	1 3 4	164,546	0	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	369	3,558	SH	DFND	1 4	3,558	0	0
MARSH & MCLENNAN COS INC	COM	571748102	3,334	33,327	SH	DFND	1 4	33,327	0	0
MARSH & MCLENNAN COS INC	COM	571748102	93,667	936,205	SH	DFND	1 3 4	936,205	0	0
MARTEN TRANS LTD	COM	573075108	6,408	308,379	SH	DFND	1 3 4	308,379	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	461,153	1,682,425	SH	DFND	1 3 4	1,682,425	0	0
MARTIN MARIETTA MATLS INC	COM	573284106	1,632	5,953	SH	DFND	1 4	5,953	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	422	16,884	SH	DFND	1 3 4	16,884	0	0
MARVELL TECHNOLOGY GROUP LTD	ORD	G5876H105	1,055	42,268	SH	DFND	1 4	42,268	0	0
MASCO CORP	COM	574599106	19,156	459,605	SH	DFND	1 3 4	459,605	0	0
MASCO CORP	COM	574599106	1,114	26,732	SH	DFND	1 4	26,732	0	0
MASIMO CORP	COM	574795100	31,193	209,643	SH	DFND	1 3 4	209,643	0	0
MASIMO CORP	COM	574795100	851	5,720	SH	DFND	1 4	5,720	0	0
MASTEC INC	COM	576323109	48,071	740,339	SH	DFND	1 3 4	740,339	0	0
MASTEC INC	COM	576323109	665	10,243	SH	DFND	1 4	10,243	0	0

MASTERCARD INC	CL A	57636Q104	598,704	2,204,601	SH	DFND	1 3 4	2,204,601	0	0
MASTERCARD INC	CL A	57636Q104	18,978	69,884	SH	DFND	1 4	69,884	0	0
MASTERCARD INC	CL A	57636Q104	7,367	27,126	SH	SOLE		27,124	0	2
MATADOR RES CO	COM	576485205	7,709	466,388	SH	DFND	1 3 4	466,388	0	0
MATCH GROUP INC	COM	57665R106	2,012	28,165	SH	DFND	1 3 4	28,165	0	0
MATCH GROUP INC	COM	57665R106	443	6,206	SH	DFND	1 4	6,206	0	0
MATERION CORP	COM	576690101	9,941	162,016	SH	DFND	1 3 4	162,016	0	0
MATERION CORP	COM	576690101	204	3,324	SH	DFND	1 4	3,324	0	0
MATRIX SVC CO	COM	576853105	3,737	218,030	SH	DFND	1 3 4	218,030	0	0
MATSON INC	COM	57686G105	13,192	351,697	SH	DFND	1 3 4	351,697	0	0
MATTEL INC	COM	577081102	16,762	1,471,645	SH	DFND	1 3 4	1,471,645	0	0
MATTHEWS INTL CORP	CL A	577128101	8,954	253,020	SH	DFND	1 3 4	253,020	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	1,967	33,964	SH	DFND	1 4	33,964	0	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	23,043	397,912	SH	DFND	1 3 4	397,912	0	0
MAXIMUS INC	COM	577933104	21,224	274,704	SH	DFND	1 3 4	274,704	0	0
MAXIMUS INC	COM	577933104	833	10,785	SH	DFND	1 4	10,785	0	0
MAXLINEAR INC	COM	57776J100	11,440	511,176	SH	DFND	1 3 4	511,176	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	40,181	257,075	SH	DFND	1 3 4	257,075	0	0
MCCORMICK & CO INC	COM NON VTG	579780206	1,684	10,772	SH	DFND	1 4	10,772	0	0
MCDERMOTT INTL INC	COM	580037703	4,626	2,289,759	SH	DFND	1 3 4	2,289,759	0	0
MCDERMOTT INTL INC	COM	580037703	27	13,306	SH	DFND	1 4	13,306	0	0
MCDONALDS CORP	COM	580135101	4,208	19,597	SH	DFND	1 4	19,597	0	0
MCDONALDS CORP	COM	580135101	279,372	1,301,162	SH	DFND	1 3 4	1,301,162	0	0
MCGRATH RENTCORP	COM	580589109	315	4,533	SH	DFND	1 4	4,533	0	0
MCKESSON CORP	COM	58155Q103	38,758	283,610	SH	DFND	1 3 4	283,610	0	0
MCKESSON CORP	COM	58155Q103	2,726	19,946	SH	DFND	1 4	19,946	0	0
MDC PARTNERS INC	CL A SUB VTG	552697104	30	10,476	SH	DFND	1 4	10,476	0	0
MDU RES GROUP INC	COM	552690109	23,835	845,513	SH	DFND	1 3 4	845,513	0	0
MDU RES GROUP INC	COM	552690109	490	17,390	SH	DFND	1 4	17,390	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	122,080	6,241,292	SH	DFND	1 3 4	6,237,848	0	3,444
MEDICAL PPTYS TRUST INC	COM	58463J304	616	31,470	SH	DFND	1 4	31,470	0	0
MEDICAL PPTYS TRUST INC	COM	58463J304	9,558	488,674	SH	SOLE		488,674	0	0
MEDICINES CO	COM	584688105	29,686	593,716	SH	DFND	1 3 4	593,716	0	0
MEDICINES CO	COM	584688105	397	7,936	SH	DFND	1 4	7,936	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	24,271	265,256	SH	DFND	1 3 4	265,256	0	0
MEDIDATA SOLUTIONS INC	COM	58471A105	651	7,119	SH	DFND	1 4	7,119	0	0
MEDIFAST INC	COM	58470H101	235	2,263	SH	DFND	1 4	2,263	0	0
MEDIFAST INC	COM	58470H101	22,352	215,696	SH	DFND	1 3 4	215,696	0	0
MEDNAX INC	COM	58502B106	10,291	454,945	SH	DFND	1 3 4	454,945	0	0
MEDPACE HLDGS INC	COM	58506Q109	20,216	240,557	SH	DFND	1 3 4	240,557	0	0
MEDPACE HLDGS INC	COM	58506Q109	400	4,761	SH	DFND	1 4	4,761	0	0
MEDTRONIC PLC	SHS	G5960L103	432,818	3,984,701	SH	DFND	1 3 4	3,971,633	0	13,068
MEDTRONIC PLC	SHS	G5960L103	3,195	29,416	SH	DFND	1 4	29,416	0	0
MEET GROUP INC	COM	58513U101	219	66,860	SH	DFND	1 3 4	66,860	0	0
MEET GROUP INC	COM	58513U101	41	12,601	SH	DFND	1 4	12,601	0	0
MEI PHARMA INC	COM NEW	55279B202	20	11,617	SH	DFND	1 4	11,617	0	0
MELCO RESORTS AND ENTMT LTD	ADR	585464100	454	23,393	SH	DFND	1 3 4	23,393	0	0
MERCADOLIBRE INC	COM	58733R102	7,199	13,060	SH	DFND	1 3 4	13,060	0	0
MERCER INTL INC	COM	588056101	3,960	315,763	SH	DFND	1 3 4	315,763	0	0
MERCK & CO INC	COM	58933Y105	605,069	7,187,797	SH	DFND	1 3 4	7,170,111	0	17,686
MERCK & CO INC	COM	58933Y105	15,194	180,496	SH	DFND	1 4	180,496	0	0

MERCURY GENL CORP NEW	COM	589400100	8,790	157,306	SH	DFND	1 3 4	157,306	0	0
MERCURY SYS INC	COM	589378108	36,814	453,542	SH	DFND	1 3 4	453,542	0	0
MERCURY SYS INC	COM	589378108	500	6,164	SH	DFND	1 4	6,164	0	0
MEREDITH CORP	COM	589433101	6,239	170,199	SH	DFND	1 3 4	170,199	0	0
MEREDITH CORP	COM	589433101	261	7,106	SH	DFND	1 4	7,106	0	0
MERIDIAN BANCORP INC MD	COM	58958U103	387	20,661	SH	DFND	1 3 4	20,661	0	0
MERIDIAN BIOSCIENCE INC	COM	589584101	3,406	358,930	SH	DFND	1 3 4	358,930	0	0
MERIT MED SYS INC	COM	589889104	13,905	456,495	SH	DFND	1 3 4	456,495	0	0
MERIT MED SYS INC	COM	589889104	288	9,443	SH	DFND	1 4	9,443	0	0
MERITAGE HOMES CORP	COM	59001A102	271	3,847	SH	DFND	1 4	3,847	0	0
MERITAGE HOMES CORP	COM	59001A102	19,967	283,818	SH	DFND	1 3 4	283,818	0	0
MERITOR INC	COM	59001K100	305	16,505	SH	DFND	1 4	16,505	0	0
MESA LABS INC	COM	59064R109	8,137	34,222	SH	DFND	1 3 4	34,222	0	0
META FINL GROUP INC	COM	59100U108	8,963	274,868	SH	DFND	1 3 4	274,868	0	0
META FINL GROUP INC	COM	59100U108	207	6,344	SH	DFND	1 4	6,344	0	0
METHODE ELECTRS INC	COM	591520200	9,923	294,967	SH	DFND	1 3 4	294,967	0	0
METLIFE INC	COM	59156R108	54,343	1,152,320	SH	DFND	1 3 4	1,152,320	0	0
METLIFE INC	COM	59156R108	1,072	22,732	SH	DFND	1 4	22,732	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	1,808	2,567	SH	DFND	1 4	2,567	0	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	324,485	460,655	SH	DFND	1 3 4	460,655	0	0
MFA FINL INC	COM	55272X102	319	43,289	SH	DFND	1 4	43,289	0	0
MGE ENERGY INC	COM	55277P104	246	3,085	SH	DFND	1 4	3,085	0	0
MGIC INVT CORP WIS	COM	552848103	19,280	1,532,621	SH	DFND	1 3 4	1,532,621	0	0
MGIC INVT CORP WIS	COM	552848103	420	33,358	SH	DFND	1 4	33,358	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	20,246	730,369	SH	DFND	1 3 4	730,369	0	0
MGM RESORTS INTERNATIONAL	COM	552953101	981	35,404	SH	DFND	1 4	35,404	0	0
MGP INGREDIENTS INC NEW	COM	55303J106	5,203	104,739	SH	DFND	1 3 4	104,739	0	0
MICHAELS COS INC	COM	59408Q106	6,235	636,843	SH	DFND	1 3 4	636,843	0	0
MICROCHIP TECHNOLOGY INC	COM	595017104	531,654	5,722,244	SH	DFND	1 3 4	5,707,097	0	15,147
MICROCHIP TECHNOLOGY INC	COM	595017104	2,010	21,639	SH	DFND	1 4	21,639	0	0
MICRON TECHNOLOGY INC	COM	595112103	740	17,268	SH	DFND	1 4	17,268	0	0
MICRON TECHNOLOGY INC	COM	595112103	66,372	1,548,952	SH	DFND	1 3 4	1,548,952	0	0
MICROSOFT CORP	COM	594918104	8,337	59,963	SH	SOLE		59,093	0	870
MICROSOFT CORP	COM	594918104	2,031,925	14,615,006	SH	DFND	1 3 4	14,601,399	0	13,607
MICROSOFT CORP	COM	594918104	72,296	520,001	SH	DFND	1 4	520,001	0	0
MICROSTRATEGY INC	CL A NEW	594972408	9,604	64,732	SH	DFND	1 3 4	64,732	0	0
MICROSTRATEGY INC	CL A NEW	594972408	269	1,813	SH	DFND	1 4	1,813	0	0
MID AMER APT CMNTYS INC	COM	59522J103	20,768	159,740	SH	DFND	1 3 4	159,740	0	0
MID AMER APT CMNTYS INC	COM	59522J103	1,406	10,811	SH	DFND	1 4	10,811	0	0
MIDDLEBY CORP	COM	596278101	822	7,034	SH	DFND	1 4	7,034	0	0
MIDDLESEX WATER CO	COM	596680108	1,131	17,411	SH	DFND	1 3 4	17,411	0	0
MILLER HERMAN INC	COM	600544100	12,830	278,362	SH	DFND	1 3 4	278,362	0	0
MILLER HERMAN INC	COM	600544100	491	10,662	SH	DFND	1 4	10,662	0	0
MINERALS TECHNOLOGIES INC	COM	603158106	8,501	160,126	SH	DFND	1 3 4	160,126	0	0
MIRATI THERAPEUTICS INC	COM	60468T105	860	11,041	SH	DFND	1 3 4	11,041	0	0
MIRATI THERAPEUTICS	COM	60468T105	295	3,791	SH	DFND	1 4	3,791	0	0

INC										
MKS INSTRUMENT INC	COM	55306N104	142,688	1,546,246	SH	DFND	1 3 4	1,545,279	0	967
MKS INSTRUMENT INC	COM	55306N104	440	4,766	SH	DFND	1 4	4,766	0	0
MKS INSTRUMENT INC	COM	55306N104	15,169	164,381	SH	SOLE		164,381	0	0
MOBILE MINI INC	COM	60740F105	13,533	367,151	SH	DFND	1 3 4	367,151	0	0
MOBILEIRON INC	COM NEW	60739U204	103	15,730	SH	DFND	1 4	15,730	0	0
MODERNA INC	COM	60770K107	810	50,886	SH	DFND	1 3 4	50,886	0	0
MODINE MFG CO	COM	607828100	6,092	535,794	SH	DFND	1 3 4	535,794	0	0
MOELIS & CO	CL A	60786M105	1,345	40,939	SH	DFND	1 3 4	40,939	0	0
MOELIS & CO	CL A	60786M105	238	7,233	SH	DFND	1 4	7,233	0	0
MOHAWK INDS INC	COM	608190104	361	2,913	SH	DFND	1 4	2,913	0	0
MOHAWK INDS INC	COM	608190104	10,409	83,895	SH	DFND	1 3 4	83,895	0	0
MOLINA HEALTHCARE INC	COM	60855R100	29,396	267,918	SH	DFND	1 3 4	267,918	0	0
MOLINA HEALTHCARE INC	COM	60855R100	850	7,746	SH	DFND	1 4	7,746	0	0
MOLSON COORS BREWING CO	CL B	60871R209	16,234	282,322	SH	DFND	1 3 4	282,322	0	0
MOLSON COORS BREWING CO	CL B	60871R209	1,019	17,725	SH	DFND	1 4	17,725	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	10,286	793,693	SH	DFND	1 3 4	793,693	0	0
MOMENTA PHARMACEUTICALS INC	COM	60877T100	195	15,019	SH	DFND	1 4	15,019	0	0
MOMO INC	ADR	60879B107	367	11,859	SH	DFND	1 3 4	11,859	0	0
MONARCH CASINO & RESORT INC	COM	609027107	3,917	93,962	SH	DFND	1 3 4	93,962	0	0
MONDELEZ INTL INC	CL A	609207105	111,775	2,020,522	SH	DFND	1 3 4	2,020,522	0	0
MONDELEZ INTL INC	CL A	609207105	1,228	22,199	SH	DFND	1 4	22,199	0	0
MONGODB INC	CL A	60937P106	356	2,953	SH	DFND	1 4	2,953	0	0
MONOLITHIC PWR SYS INC	COM	609839105	26,585	170,823	SH	DFND	1 3 4	170,823	0	0
MONOLITHIC PWR SYS INC	COM	609839105	295	1,897	SH	DFND	1 4	1,897	0	0
MONOTYPE IMAGING HOLDINGS IN	COM	61022P100	7,012	353,950	SH	DFND	1 3 4	353,950	0	0
MONRO INC	COM	610236101	21,850	276,548	SH	DFND	1 3 4	276,548	0	0
MONRO INC	COM	610236101	297	3,765	SH	DFND	1 4	3,765	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	56,229	968,472	SH	DFND	1 3 4	968,472	0	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	1,475	25,406	SH	DFND	1 4	25,406	0	0
MOODYS CORP	COM	615369105	334,512	1,633,120	SH	DFND	1 3 4	1,633,120	0	0
MOODYS CORP	COM	615369105	1,638	7,995	SH	DFND	1 4	7,995	0	0
MOODYS CORP	COM	615369105	2,747	13,409	SH	SOLE		13,406	0	3
MOOG INC	CL A	615394202	20,848	257,009	SH	DFND	1 3 4	257,009	0	0
MOOG INC	CL A	615394202	465	5,733	SH	DFND	1 4	5,733	0	0
MORGAN STANLEY	COM NEW	617446448	77,739	1,821,869	SH	DFND	1 3 4	1,821,869	0	0
MORGAN STANLEY	COM NEW	617446448	1,329	31,150	SH	DFND	1 4	31,150	0	0
MORNINGSTAR INC	COM	617700109	331	2,265	SH	DFND	1 4	2,265	0	0
MOSAIC CO NEW	COM	61945C103	15,301	746,383	SH	DFND	1 3 4	746,383	0	0
MOSAIC CO NEW	COM	61945C103	505	24,655	SH	DFND	1 4	24,655	0	0
MOTORCAR PTS AMER INC	COM	620071100	2,518	148,992	SH	DFND	1 3 4	148,992	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	216,785	1,272,135	SH	DFND	1 3 4	1,272,135	0	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	2,416	14,175	SH	DFND	1 4	14,175	0	0
MOVADO GROUP INC	COM	624580106	3,254	130,895	SH	DFND	1 3 4	130,895	0	0
MSA SAFETY INC	COM	553498106	83,496	765,242	SH	DFND	1 3 4	764,740	0	502
MSA SAFETY INC	COM	553498106	657	6,025	SH	DFND	1 4	6,025	0	0
MSA SAFETY INC	COM	553498106	7,444	68,223	SH	SOLE		68,223	0	0

MSC INDL DIRECT INC	CL A	553530106	309	4,255	SH	DFND	1 4	4,255	0	0
MSC INDL DIRECT INC	CL A	553530106	15,602	215,108	SH	DFND	1 3 4	215,108	0	0
MSCI INC	COM	55354G100	1,803	8,280	SH	DFND	1 4	8,280	0	0
MSCI INC	COM	55354G100	205,832	945,270	SH	DFND	1 3 4	945,270	0	0
MTS SYS CORP	COM	553777103	8,497	153,788	SH	DFND	1 3 4	153,788	0	0
MUELLER INDS INC	COM	624756102	13,187	459,793	SH	DFND	1 3 4	459,793	0	0
MUELLER INDS INC	COM	624756102	300	10,474	SH	DFND	1 4	10,474	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	1,696	150,908	SH	DFND	1 3 4	150,908	0	0
MUELLER WTR PRODS INC	COM SER A	624758108	174	15,479	SH	DFND	1 4	15,479	0	0
MURPHY OIL CORP	COM	626717102	14,513	656,411	SH	DFND	1 3 4	656,411	0	0
MURPHY OIL CORP	COM	626717102	325	14,677	SH	DFND	1 4	14,677	0	0
MURPHY USA INC	COM	626755102	12,279	143,953	SH	DFND	1 3 4	143,953	0	0
MURPHY USA INC	COM	626755102	357	4,180	SH	DFND	1 4	4,180	0	0
MYERS INDS INC	COM	628464109	4,978	282,012	SH	DFND	1 3 4	282,012	0	0
MYLAN N V	SHS EURO	N59465109	14,311	723,513	SH	DFND	1 3 4	723,513	0	0
MYLAN N V	SHS EURO	N59465109	713	36,067	SH	DFND	1 4	36,067	0	0
MYOKARDIA INC	COM	62857M105	327	6,263	SH	DFND	1 3 4	6,263	0	0
MYOKARDIA INC	COM	62857M105	267	5,129	SH	DFND	1 4	5,129	0	0
MYR GROUP INC DEL	COM	55405W104	4,108	131,277	SH	DFND	1 3 4	131,277	0	0
MYRIAD GENETICS INC	COM	62855J104	17,735	619,463	SH	DFND	1 3 4	619,463	0	0
MYRIAD GENETICS INC	COM	62855J104	203	7,106	SH	DFND	1 4	7,106	0	0
NABORS INDUSTRIES LTD	SHS	G6359F103	4,985	2,666,031	SH	DFND	1 3 4	2,666,031	0	0
NABORS INDUSTRIES LTD	SHS	G6359F103	48	25,883	SH	DFND	1 4	25,883	0	0
NANOMETRICS INC	COM	630077105	6,068	186,036	SH	DFND	1 3 4	186,036	0	0
NANOSTRING TECHNOLOGIES INC	COM	63009R109	459	21,241	SH	DFND	1 3 4	21,241	0	0
NASDAQ INC	COM	631103108	16,105	162,099	SH	DFND	1 3 4	162,099	0	0
NASDAQ INC	COM	631103108	563	5,671	SH	DFND	1 4	5,671	0	0
NATERA INC	COM	632307104	10,821	329,906	SH	DFND	1 3 4	329,906	0	0
NATERA INC	COM	632307104	279	8,516	SH	DFND	1 4	8,516	0	0
NATIONAL BEVERAGE CORP	COM	635017106	4,078	91,940	SH	DFND	1 3 4	91,940	0	0
NATIONAL BK HLDGS CORP	CL A	633707104	8,397	245,602	SH	DFND	1 3 4	245,602	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	17,289	368,482	SH	DFND	1 3 4	368,482	0	0
NATIONAL FUEL GAS CO N J	COM	636180101	340	7,246	SH	DFND	1 4	7,246	0	0
NATIONAL GEN HLDGS CORP	COM	636220303	15,709	682,399	SH	DFND	1 3 4	682,399	0	0
NATIONAL GEN HLDGS CORP	COM	636220303	250	10,880	SH	DFND	1 4	10,880	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	5,305	64,389	SH	SOLE		64,389	0	0
NATIONAL HEALTH INVS INC	COM	63633D104	45,640	553,957	SH	DFND	1 3 4	553,545	0	412
NATIONAL HEALTH INVS INC	COM	63633D104	500	6,072	SH	DFND	1 4	6,072	0	0
NATIONAL HEALTHCARE CORP	COM	635906100	338	4,135	SH	DFND	1 3 4	4,135	0	0
NATIONAL INSTRS CORP	COM	636518102	636	15,156	SH	DFND	1 4	15,156	0	0
NATIONAL INSTRS CORP	COM	636518102	21,170	504,189	SH	DFND	1 3 4	504,189	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	13,677	645,124	SH	DFND	1 3 4	645,124	0	0
NATIONAL OILWELL VARCO INC	COM	637071101	577	27,231	SH	DFND	1 4	27,231	0	0
NATIONAL PRESTO INDS INC	COM	637215104	3,539	39,725	SH	DFND	1 3 4	39,725	0	0
NATIONAL RETAIL PPTYS INC	COM	637417106	88,757	1,573,706	SH	DFND	1 3 4	1,573,025	0	681

NATIONAL RETAIL PPTYS INC	COM	637417106	931	16,506	SH	DFND	1 4	16,506	0	0
NATIONAL RETAIL PPTYS INC	COM	637417106	5,265	93,343	SH	SOLE		93,343	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	15,607	467,684	SH	DFND	1 3 4	467,684	0	0
NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	637870106	340	10,180	SH	DFND	1 4	10,180	0	0
NATIONAL VISION HLDGS INC	COM	63845R107	215	8,941	SH	DFND	1 4	8,941	0	0
NATUS MEDICAL INC	COM	639050103	8,747	274,702	SH	DFND	1 3 4	274,702	0	0
NAVIENT CORPORATION	COM	63938C108	263	20,537	SH	DFND	1 4	20,537	0	0
NAVIENT CORPORATION	COM	63938C108	11,028	861,545	SH	DFND	1 3 4	861,545	0	0
NAVIGANT CONSULTING INC	COM	63935N107	8,442	302,037	SH	DFND	1 3 4	302,037	0	0
NBT BANCORP INC	COM	628778102	13,080	357,464	SH	DFND	1 3 4	357,464	0	0
NCR CORP NEW	COM	62886E108	17,074	541,002	SH	DFND	1 3 4	541,002	0	0
NCR CORP NEW	COM	62886E108	519	16,446	SH	DFND	1 4	16,446	0	0
NEENAH INC	COM	640079109	8,660	132,989	SH	DFND	1 3 4	132,989	0	0
NEENAH INC	COM	640079109	207	3,173	SH	DFND	1 4	3,173	0	0
NEKTAR THERAPEUTICS	COM	640268108	4,959	272,264	SH	DFND	1 3 4	272,264	0	0
NEOGEN CORP	COM	640491106	28,138	413,135	SH	DFND	1 3 4	413,135	0	0
NEOGEN CORP	COM	640491106	574	8,433	SH	DFND	1 4	8,433	0	0
NEOGENOMICS INC	COM NEW	64049M209	16,688	872,786	SH	DFND	1 3 4	872,786	0	0
NEOGENOMICS INC	COM NEW	64049M209	289	15,126	SH	DFND	1 4	15,126	0	0
NESCO HLDGS INC	COM	64083J104	8,707	1,455,972	SH	DFND	1 3 4	1,455,972	0	0
NETAPP INC	COM	64110D104	19,075	363,271	SH	DFND	1 3 4	363,271	0	0
NETAPP INC	COM	64110D104	1,703	32,435	SH	DFND	1 4	32,435	0	0
NETEASE INC	SPONSORED ADS	64110W102	36,479	137,046	SH	DFND	1 3 4	137,046	0	0
NETFLIX INC	COM	64110L106	174,987	653,863	SH	DFND	1 3 4	653,863	0	0
NETFLIX INC	COM	64110L106	5,497	20,540	SH	DFND	1 4	20,540	0	0
NETGEAR INC	COM	64111Q104	7,907	245,398	SH	DFND	1 3 4	245,398	0	0
NETSCOUT SYS INC	COM	64115T104	6,539	283,555	SH	DFND	1 3 4	283,555	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	4,248	47,135	SH	DFND	1 3 4	47,135	0	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	897	9,960	SH	DFND	1 4	9,960	0	0
NEVRO CORP	COM	64157F103	16,810	195,533	SH	DFND	1 3 4	195,533	0	0
NEVRO CORP	COM	64157F103	291	3,390	SH	DFND	1 4	3,390	0	0
NEW JERSEY RES	COM	646025106	17,308	382,750	SH	DFND	1 3 4	382,750	0	0
NEW JERSEY RES	COM	646025106	310	6,848	SH	DFND	1 4	6,848	0	0
NEW MEDIA INVT GROUP INC	COM	64704V106	4,205	477,294	SH	DFND	1 3 4	477,294	0	0
NEW ORIENTAL ED & TECH GRP I	SPON ADR	647581107	41,921	378,483	SH	DFND	1 3 4	378,483	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	1,323	84,366	SH	DFND	1 3 4	84,366	0	0
NEW RESIDENTIAL INVT CORP	COM NEW	64828T201	318	20,300	SH	DFND	1 4	20,300	0	0
NEW SR INVT GROUP INC	COM	648691103	77	11,459	SH	DFND	1 4	11,459	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	24,936	1,986,966	SH	DFND	1 3 4	1,986,966	0	0
NEW YORK CMNTY BANCORP INC	COM	649445103	371	29,534	SH	DFND	1 4	29,534	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	93	15,290	SH	DFND	1 4	15,290	0	0
NEW YORK MTG TR INC	COM PAR \$.02	649604501	12,622	2,072,597	SH	DFND	1 3 4	2,072,597	0	0
NEW YORK TIMES CO	CL A	650111107	17,416	611,522	SH	DFND	1 3 4	611,522	0	0
NEW YORK TIMES CO	CL A	650111107	437	15,346	SH	DFND	1 4	15,346	0	0
NEWELL BRANDS INC	COM	651229106	12,597	672,919	SH	DFND	1 3 4	672,919	0	0
NEWELL BRANDS INC	COM	651229106	348	18,575	SH	DFND	1 4	18,575	0	0
NEWMARK GROUP INC	CL A	65158N102	73,528	8,115,602	SH	DFND	1 3 4	8,109,011	0	6,591

NEWMARK GROUP INC	CL A	65158N102	146	16,127	SH	DFND	1 4	16,127	0	0
NEWMARK GROUP INC	CL A	65158N102	8,124	896,656	SH	SOLE		896,656	0	0
NEWMARKET CORP	COM	651587107	14,824	31,401	SH	DFND	1 3 4	31,401	0	0
NEWMARKET CORP	COM	651587107	398	844	SH	DFND	1 4	844	0	0
NEWMONT GOLDCORP CORPORATION	COM	651639106	51,854	1,367,470	SH	DFND	1 3 4	1,367,470	0	0
NEWMONT GOLDCORP CORPORATION	COM	651639106	2,000	52,738	SH	DFND	1 4	52,738	0	0
NEWPARK RES INC	COM PAR \$01NEW	651718504	88	11,533	SH	DFND	1 4	11,533	0	0
NEWPARK RES INC	COM PAR \$01NEW	651718504	5,440	713,934	SH	DFND	1 3 4	713,934	0	0
NEWS CORP NEW	CL A	65249B109	477	34,232	SH	DFND	1 4	34,232	0	0
NEWS CORP NEW	CL A	65249B109	7,636	548,593	SH	DFND	1 3 4	548,593	0	0
NEWS CORP NEW	CL B	65249B208	2,439	170,595	SH	DFND	1 3 4	170,595	0	0
NEWS CORP NEW	CL B	65249B208	177	12,375	SH	DFND	1 4	12,375	0	0
NEXPOINT RESIDENTIAL TR INC	COM	65341D102	1,749	37,399	SH	DFND	1 3 4	37,399	0	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	14,537	142,083	SH	DFND	1 3 4	135,716	0	6,367
NEXSTAR MEDIA GROUP INC	CL A	65336K103	526	5,141	SH	DFND	1 4	5,141	0	0
NEXTERA ENERGY INC	COM	65339F101	307,433	1,319,512	SH	DFND	1 3 4	1,312,687	0	6,825
NEXTERA ENERGY INC	COM	65339F101	1,741	7,474	SH	DFND	1 4	7,474	0	0
NEXTGEN HEALTHCARE INC	COM	65343C102	6,006	383,296	SH	DFND	1 3 4	383,296	0	0
NIC INC	COM	62914B100	293	14,205	SH	DFND	1 4	14,205	0	0
NIC INC	COM	62914B100	11,450	554,491	SH	DFND	1 3 4	554,491	0	0
NICE LTD	SPONSORED ADR	653656108	106,085	737,727	SH	DFND	1 3 4	726,733	0	10,994
NIELSEN HLDGS PLC	SHS EUR	G6518L108	685	32,229	SH	DFND	1 4	32,229	0	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	10,587	498,196	SH	DFND	1 3 4	498,196	0	0
NIKE INC	CL B	654106103	187,665	1,998,134	SH	DFND	1 3 4	1,998,134	0	0
NIKE INC	CL B	654106103	8,104	86,281	SH	DFND	1 4	86,281	0	0
NISOURCE INC	COM	65473P105	15,647	522,951	SH	DFND	1 3 4	522,951	0	0
NISOURCE INC	COM	65473P105	790	26,406	SH	DFND	1 4	26,406	0	0
NLIGHT INC	COM	65487K100	2,704	172,700	SH	DFND	1 3 4	172,700	0	0
NMI HLDGS INC	CL A	629209305	14,944	569,066	SH	DFND	1 3 4	569,066	0	0
NMI HLDGS INC	CL A	629209305	285	10,834	SH	DFND	1 4	10,834	0	0
NOBLE CORP PLC	SHS USD	G65431101	2,496	1,965,373	SH	DFND	1 3 4	1,965,373	0	0
NOBLE ENERGY INC	COM	655044105	15,137	673,935	SH	DFND	1 3 4	673,935	0	0
NOBLE ENERGY INC	COM	655044105	520	23,156	SH	DFND	1 4	23,156	0	0
NORDIC AMERICAN TANKERS LIMI	COM	G65773106	33	15,436	SH	DFND	1 4	15,436	0	0
NORDSON CORP	COM	655663102	103,513	707,738	SH	DFND	1 3 4	706,077	0	1,661
NORDSON CORP	COM	655663102	1,150	7,861	SH	DFND	1 4	7,861	0	0
NORDSON CORP	COM	655663102	8,732	59,705	SH	SOLE		59,705	0	0
NORDSTROM INC	COM	655664100	19,411	576,517	SH	DFND	1 3 4	576,517	0	0
NORDSTROM INC	COM	655664100	477	14,181	SH	DFND	1 4	14,181	0	0
NORFOLK SOUTHERN CORP	COM	655844108	66,369	369,417	SH	DFND	1 3 4	369,417	0	0
NORFOLK SOUTHERN CORP	COM	655844108	2,119	11,794	SH	DFND	1 4	11,794	0	0
NORTHERN OIL & GAS INC NEV	COM	665531109	54	27,541	SH	DFND	1 4	27,541	0	0
NORTHERN TR CORP	COM	665859104	1,193	12,783	SH	DFND	1 4	12,783	0	0
NORTHERN TR CORP	COM	665859104	29,288	313,845	SH	DFND	1 3 4	313,845	0	0
NORTHFIELD BANCORP INC DEL	COM	66611T108	5,700	354,926	SH	DFND	1 3 4	354,926	0	0
NORTHROP GRUMMAN CORP	COM	666807102	2,891	7,714	SH	DFND	1 4	7,714	0	0
NORTHROP GRUMMAN CORP	COM	666807102	114,980	306,785	SH	DFND	1 3 4	305,030	0	1,755

NORTHWEST BANCSHARES INC MD	COM	667340103	12,959	790,658	SH	DFND	1 3 4	790,658	0	0
NORTHWEST BANCSHARES INC MD	COM	667340103	183	11,150	SH	DFND	1 4	11,150	0	0
NORTHWEST NAT HLDG CO	COM	66765N105	17,130	240,114	SH	DFND	1 3 4	240,114	0	0
NORTHWESTERN CORP	COM NEW	668074305	19,128	254,876	SH	DFND	1 3 4	254,876	0	0
NORTHWESTERN CORP	COM NEW	668074305	425	5,665	SH	DFND	1 4	5,665	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	15,672	302,716	SH	DFND	1 3 4	302,716	0	0
NORWEGIAN CRUISE LINE HLDG L	SHS	G66721104	1,329	25,664	SH	DFND	1 4	25,664	0	0
NOVAGOLD RES INC	COM NEW	66987E206	146	24,119	SH	DFND	1 4	24,119	0	0
NOVANTA INC	COM	67000B104	477	5,839	SH	DFND	1 4	5,839	0	0
NOVARTIS A G	SPONSORED ADR	66987V109	118,860	1,367,778	SH	DFND	1 3 4	1,358,295	0	9,483
NOVOCURE LTD	ORD SHS	G6674U108	734	9,814	SH	DFND	1 4	9,814	0	0
NOVOCURE LTD	ORD SHS	G6674U108	1,106	14,793	SH	DFND	1 3 4	14,793	0	0
NOVO-NORDISK A S	ADR	670100205	482	9,320	SH	DFND	1 3 4	1,820	0	7,500
NOW INC	COM	67011P100	5,301	462,119	SH	DFND	1 3 4	462,119	0	0
NRG ENERGY INC	COM NEW	629377508	14,074	355,395	SH	DFND	1 3 4	355,395	0	0
NRG ENERGY INC	COM NEW	629377508	488	12,334	SH	DFND	1 4	12,334	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	10,034	235,938	SH	DFND	1 3 4	235,938	0	0
NU SKIN ENTERPRISES INC	CL A	67018T105	227	5,328	SH	DFND	1 4	5,328	0	0
NUANCE COMMUNICATIONS INC	COM	67020Y100	424	25,995	SH	DFND	1 4	25,995	0	0
NUCOR CORP	COM	670346105	27,861	547,253	SH	DFND	1 3 4	547,253	0	0
NUCOR CORP	COM	670346105	1,518	29,823	SH	DFND	1 4	29,823	0	0
NUVASIVE INC	COM	670704105	16,128	254,464	SH	DFND	1 3 4	254,464	0	0
NUVASIVE INC	COM	670704105	548	8,647	SH	DFND	1 4	8,647	0	0
NVENT ELECTRIC PLC	SHS	G6700G107	4,668	211,779	SH	DFND	1 3 4	211,779	0	0
NVIDIA CORP	COM	67066G104	198,415	1,139,859	SH	DFND	1 3 4	1,139,859	0	0
NVIDIA CORP	COM	67066G104	4,954	28,458	SH	DFND	1 4	28,458	0	0
NVIDIA CORP	COM	67066G104	1,699	9,762	SH	SOLE		9,715	0	47
NVR INC	COM	62944T105	163,660	44,026	SH	DFND	1 3 4	44,026	0	0
NVR INC	COM	62944T105	1,532	412	SH	DFND	1 4	412	0	0
NXP SEMICONDUCTORS N V	COM	N6596X109	104,061	953,634	SH	DFND	1 3 4	953,634	0	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	660,089	1,656,393	SH	DFND	1 3 4	1,656,393	0	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	3,970	9,962	SH	DFND	1 4	9,962	0	0
OASIS PETE INC NEW	COM	674215108	81	23,439	SH	DFND	1 4	23,439	0	0
OASIS PETE INC NEW	COM	674215108	4,267	1,233,172	SH	DFND	1 3 4	1,233,172	0	0
OCCIDENTAL PETE CORP	COM	674599105	622	13,976	SH	DFND	1 4	13,976	0	0
OCCIDENTAL PETE CORP	COM	674599105	67,681	1,521,944	SH	DFND	1 3 4	1,521,944	0	0
OCEANEERING INTL INC	COM	675232102	5,699	420,560	SH	DFND	1 3 4	420,560	0	0
OCEANFIRST FINL CORP	COM	675234108	369	15,625	SH	SOLE		0	0	15,625
OFFICE DEPOT INC	COM	676220106	7,814	4,452,543	SH	DFND	1 3 4	4,452,543	0	0
OFFICE DEPOT INC	COM	676220106	70	39,922	SH	DFND	1 4	39,922	0	0
OFFICE PPTYS INCOME TR	COM SHS BEN INT	67623C109	12,718	415,089	SH	DFND	1 3 4	415,089	0	0
OFG BANCORP	COM	67103X102	10,223	466,789	SH	DFND	1 3 4	466,789	0	0
OGE ENERGY CORP	COM	670837103	40,501	892,489	SH	DFND	1 3 4	892,489	0	0
OGE ENERGY CORP	COM	670837103	1,053	23,200	SH	DFND	1 4	23,200	0	0
OIL STS INTL INC	COM	678026105	6,347	477,246	SH	DFND	1 3 4	477,246	0	0
OKTA INC	CL A	679295105	1,072	10,889	SH	DFND	1 4	10,889	0	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	46,621	274,288	SH	DFND	1 3 4	274,288	0	0

OLD DOMINION FREIGHT LINE IN	COM	679580100	1,194	7,024	SH	DFND	1 4	7,024	0	0
OLD NATL BANCORP IND	COM	680033107	23,372	1,358,436	SH	DFND	1 3 4	1,358,436	0	0
OLD NATL BANCORP IND	COM	680033107	218	12,684	SH	DFND	1 4	12,684	0	0
OLD REP INTL CORP	COM	680223104	28,653	1,215,665	SH	DFND	1 3 4	1,215,665	0	0
OLD REP INTL CORP	COM	680223104	734	31,152	SH	DFND	1 4	31,152	0	0
OLIN CORP	COM PAR \$1	680665205	16,049	857,296	SH	DFND	1 3 4	857,296	0	0
OLIN CORP	COM PAR \$1	680665205	271	14,498	SH	DFND	1 4	14,498	0	0
OLLIES BARGAIN OUTLT HLDGS I	COM	681116109	13,671	233,139	SH	DFND	1 3 4	233,139	0	0
OLYMPIC STEEL INC	COM	68162K106	1,027	71,351	SH	DFND	1 3 4	71,351	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	39,195	937,908	SH	DFND	1 3 4	937,908	0	0
OMEGA HEALTHCARE INVS INC	COM	681936100	640	15,317	SH	DFND	1 4	15,317	0	0
OMNICELL INC	COM	68213N109	24,728	342,166	SH	DFND	1 3 4	342,166	0	0
OMNICELL INC	COM	68213N109	495	6,856	SH	DFND	1 4	6,856	0	0
OMNICOM GROUP INC	COM	681919106	27,281	348,414	SH	DFND	1 3 4	348,414	0	0
OMNICOM GROUP INC	COM	681919106	2,283	29,163	SH	DFND	1 4	29,163	0	0
ON SEMICONDUCTOR CORP	COM	682189105	6,767	352,280	SH	DFND	1 3 4	352,280	0	0
ON SEMICONDUCTOR CORP	COM	682189105	556	28,957	SH	DFND	1 4	28,957	0	0
ONE GAS INC	COM	68235P108	31,847	331,367	SH	DFND	1 3 4	331,270	0	97
ONE GAS INC	COM	68235P108	532	5,534	SH	DFND	1 4	5,534	0	0
ONE GAS INC	COM	68235P108	1,241	12,907	SH	SOLE		12,907	0	0
ONEMAIN HLDGS INC	COM	68268W103	898	24,495	SH	DFND	1 3 4	24,495	0	0
ONEMAIN HLDGS INC	COM	68268W103	247	6,731	SH	DFND	1 4	6,731	0	0
ONEOK INC NEW	COM	682680103	2,930	39,765	SH	DFND	1 4	39,765	0	0
ONEOK INC NEW	COM	682680103	44,759	607,392	SH	DFND	1 3 4	607,392	0	0
ONESPAN INC	COM	68287N100	3,737	257,688	SH	DFND	1 3 4	257,688	0	0
ONESPAWORLD HOLDINGS LIMITED	COM	P73684113	17,058	1,098,384	SH	DFND	1 3 4	1,098,384	0	0
OPKO HEALTH INC	COM	68375N103	556	266,213	SH	DFND	1 3 4	266,213	0	0
OPKO HEALTH INC	COM	68375N103	67	31,975	SH	DFND	1 4	31,975	0	0
OPTION CARE HEALTH INC	COM	68404L102	53	16,616	SH	DFND	1 4	16,616	0	0
OPUS BK IRVINE CALIF	COM	684000102	3,737	171,664	SH	DFND	1 3 4	171,664	0	0
ORACLE CORP	COM	68389X105	215,166	3,909,970	SH	DFND	1 3 4	3,909,970	0	0
ORACLE CORP	COM	68389X105	6,166	112,046	SH	DFND	1 4	112,046	0	0
ORASURE TECHNOLOGIES INC	COM	68554V108	3,637	486,844	SH	DFND	1 3 4	486,844	0	0
ORBCOMM INC	COM	68555P100	55	11,576	SH	DFND	1 4	11,576	0	0
ORITANI FINL CORP DEL	COM	68633D103	6,000	339,054	SH	DFND	1 3 4	339,054	0	0
ORMAT TECHNOLOGIES INC	COM	686688102	260	3,502	SH	DFND	1 4	3,502	0	0
ORTHOFIX MED INC	COM	68752M108	7,959	150,105	SH	DFND	1 3 4	150,105	0	0
OSHKOSH CORP	COM	688239201	23,390	308,576	SH	DFND	1 3 4	308,576	0	0
OSHKOSH CORP	COM	688239201	458	6,041	SH	DFND	1 4	6,041	0	0
OSI SYSTEMS INC	COM	671044105	14,659	144,336	SH	DFND	1 3 4	144,336	0	0
OSI SYSTEMS INC	COM	671044105	316	3,111	SH	DFND	1 4	3,111	0	0
OTTER TAIL CORP	COM	689648103	354	6,578	SH	DFND	1 4	6,578	0	0
OUTFRONT MEDIA INC	COM	69007J106	457	16,454	SH	DFND	1 4	16,454	0	0
OWENS & MINOR INC NEW	COM	690732102	3,411	587,106	SH	DFND	1 3 4	587,106	0	0
OWENS CORNING NEW	COM	690742101	29,495	466,699	SH	DFND	1 3 4	466,699	0	0
OWENS CORNING NEW	COM	690742101	474	7,498	SH	DFND	1 4	7,498	0	0
OWENS ILL INC	COM NEW	690768403	142	13,784	SH	DFND	1 4	13,784	0	0
OWENS ILL INC	COM NEW	690768403	8,150	793,535	SH	DFND	1 3 4	793,535	0	0
OXFORD INDS INC	COM	691497309	10,244	142,875	SH	DFND	1 3 4	142,875	0	0

OXFORD INDS INC	COM	691497309	225	3,145	SH	DFND	1 4	3,145	0	0
PACCAR INC	COM	693718108	191,077	2,729,291	SH	DFND	1 3 4	2,724,020	0	5,271
PACCAR INC	COM	693718108	1,531	21,875	SH	DFND	1 4	21,875	0	0
PACIFIC BIOSCIENCES CALIF IN	COM	69404D108	115	22,350	SH	DFND	1 4	22,350	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	14,849	476,084	SH	DFND	1 3 4	476,084	0	0
PACIFIC PREMIER BANCORP	COM	69478X105	209	6,693	SH	DFND	1 4	6,693	0	0
PACIRA BIOSCIENCES	COM	695127100	13,959	366,656	SH	DFND	1 3 4	366,656	0	0
PACIRA BIOSCIENCES	COM	695127100	284	7,456	SH	DFND	1 4	7,456	0	0
PACKAGING CORP AMER	COM	695156109	5,890	55,502	SH	SOLE		55,475	0	27
PACKAGING CORP AMER	COM	695156109	76,142	717,641	SH	DFND	1 3 4	717,209	0	432
PACKAGING CORP AMER	COM	695156109	959	9,034	SH	DFND	1 4	9,034	0	0
PACWEST BANCORP DEL	COM	695263103	13,048	359,058	SH	SOLE		359,058	0	0
PACWEST BANCORP DEL	COM	695263103	402	11,056	SH	DFND	1 4	11,056	0	0
PACWEST BANCORP DEL	COM	695263103	159,958	4,401,702	SH	DFND	1 3 4	4,399,129	0	2,573
PALATIN TECHNOLOGIES INC	COM PAR \$.01	696077403	30	32,909	SH	DFND	1 4	32,909	0	0
PALO ALTO NETWORKS INC	COM	697435105	4,407	21,621	SH	DFND	1 3 4	21,621	0	0
PALO ALTO NETWORKS INC	COM	697435105	1,960	9,618	SH	DFND	1 4	9,618	0	0
PAPA JOHNS INTL INC	COM	698813102	4,877	93,156	SH	DFND	1 3 4	93,156	0	0
PAR PACIFIC HOLDINGS INC	COM NEW	69888T207	6,721	294,018	SH	DFND	1 3 4	294,018	0	0
PARAMOUNT GROUP INC	COM	69924R108	250	18,747	SH	DFND	1 4	18,747	0	0
PARETEUM CORP	COM NEW	69946T207	83	63,970	SH	DFND	1 3 4	63,970	0	0
PARK AEROSPACE CORP	COM	70014A104	2,696	153,546	SH	DFND	1 3 4	153,546	0	0
PARKER HANNIFIN CORP	COM	701094104	1,908	10,563	SH	DFND	1 4	10,563	0	0
PARKER HANNIFIN CORP	COM	701094104	164,502	910,838	SH	DFND	1 3 4	908,739	0	2,099
PARSLEY ENERGY INC	CL A	701877102	477	28,394	SH	DFND	1 4	28,394	0	0
PARSONS CORPORATION	COM	70202L102	19,618	594,874	SH	DFND	1 3 4	594,874	0	0
PATRICK INDS INC	COM	703343103	7,639	178,145	SH	DFND	1 3 4	178,145	0	0
PATTERN ENERGY GROUP INC	CL A	70338P100	2,105	78,183	SH	DFND	1 3 4	78,183	0	0
PATTERSON COMPANIES INC	COM	703395103	7,929	444,952	SH	DFND	1 3 4	444,952	0	0
PATTERSON UTI ENERGY INC	COM	703481101	10,423	1,219,045	SH	DFND	1 3 4	1,219,045	0	0
PATTERSON UTI ENERGY INC	COM	703481101	175	20,432	SH	DFND	1 4	20,432	0	0
PATTERSON UTI ENERGY INC	COM	703481101	608	71,123	SH	DFND	3 4	71,123	0	0
PAYCHEX INC	COM	704326107	37,302	450,669	SH	DFND	1 3 4	450,669	0	0
PAYCHEX INC	COM	704326107	3,203	38,700	SH	DFND	1 4	38,700	0	0
PAYCOM SOFTWARE INC	COM	70432V102	1,127	5,378	SH	DFND	1 4	5,378	0	0
PAYLOCITY HLDG CORP	COM	70438V106	441	4,520	SH	DFND	1 4	4,520	0	0
PAYPAL HLDGS INC	COM	70450Y103	6,783	65,485	SH	SOLE		65,086	0	399
PAYPAL HLDGS INC	COM	70450Y103	5,937	57,310	SH	DFND	1 4	57,310	0	0
PAYPAL HLDGS INC	COM	70450Y103	408,322	3,941,708	SH	DFND	1 3 4	3,936,658	0	5,050
PBF ENERGY INC	CL A	69318G106	11,866	436,406	SH	DFND	1 3 4	436,406	0	0
PBF ENERGY INC	CL A	69318G106	316	11,635	SH	DFND	1 4	11,635	0	0
PDC ENERGY INC	COM	69327R101	20,091	724,006	SH	DFND	1 3 4	724,006	0	0
PDF SOLUTIONS INC	COM	693282105	2,876	220,065	SH	DFND	1 3 4	220,065	0	0

PDL BIOPHARMA INC	COM	69329Y104	185	85,689	SH	DFND	1 3 4	85,689	0	0
PDL BIOPHARMA INC	COM	69329Y104	25	11,755	SH	DFND	1 4	11,755	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	882	31,700	SH	DFND	2 3 4	31,700	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	43,349	1,558,204	SH	DFND	1 3 4	1,558,204	0	0
PEBBLEBROOK HOTEL TR	COM	70509V100	268	9,618	SH	DFND	1 4	9,618	0	0
PEGASYSYSTEMS INC	COM	705573103	359	5,279	SH	DFND	1 4	5,279	0	0
PENN NATL GAMING INC	COM	707569109	8,616	462,629	SH	DFND	1 3 4	462,629	0	0
PENN VA CORP NEW	COM	70788V102	3,083	106,048	SH	DFND	1 3 4	106,048	0	0
PENNEY J C CORP INC	COM	708160106	2,096	2,357,775	SH	DFND	1 3 4	2,357,775	0	0
PENNSYLVANIA RL ESTATE INVT	SH BEN INT	709102107	2,694	470,973	SH	DFND	1 3 4	470,973	0	0
PENNYMAC MTG INVT TR	COM	70931T103	17,257	776,272	SH	DFND	1 3 4	776,272	0	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	1,651	34,930	SH	DFND	1 3 4	34,930	0	0
PENTAIR PLC	SHS	G7S00T104	14,582	385,757	SH	DFND	1 3 4	385,757	0	0
PENTAIR PLC	SHS	G7S00T104	452	11,960	SH	DFND	1 4	11,960	0	0
PENUMBRA INC	COM	70975L107	18,285	135,961	SH	DFND	1 3 4	135,961	0	0
PEOPLES UTD FINL INC	COM	712704105	441	28,209	SH	DFND	1 4	28,209	0	0
PEOPLES UTD FINL INC	COM	712704105	8,753	559,829	SH	DFND	1 3 4	559,829	0	0
PEPSICO INC	COM	713448108	11,953	87,187	SH	DFND	1 4	87,187	0	0
PEPSICO INC	COM	713448108	352,439	2,570,672	SH	DFND	1 3 4	2,564,052	0	6,620
PERFICIENT INC	COM	71375U101	10,838	280,919	SH	DFND	1 3 4	280,919	0	0
PERFICIENT INC	COM	71375U101	280	7,250	SH	DFND	1 4	7,250	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	335	7,275	SH	DFND	1 3 4	7,275	0	0
PERFORMANCE FOOD GROUP CO	COM	71377A103	781	16,968	SH	DFND	1 4	16,968	0	0
PERKINELMER INC	COM	714046109	13,296	156,111	SH	DFND	1 3 4	156,111	0	0
PERKINELMER INC	COM	714046109	783	9,196	SH	DFND	1 4	9,196	0	0
PERRIGO CO PLC	SHS	G97822103	10,830	193,782	SH	DFND	1 3 4	193,782	0	0
PERRIGO CO PLC	SHS	G97822103	345	6,164	SH	DFND	1 4	6,164	0	0
PERSPECTA INC	COM	715347100	484	18,522	SH	DFND	1 4	18,522	0	0
PERSPECTA INC	COM	715347100	38,207	1,462,745	SH	DFND	1 3 4	1,462,745	0	0
PETIQ INC	COM CL A	71639T106	420	15,422	SH	DFND	1 3 4	15,422	0	0
PETMED EXPRESS INC	COM	716382106	3,185	176,750	SH	DFND	1 3 4	176,750	0	0
PETROLEO BRASILEIRO SA PETRO	SPONSORED ADR	71654V408	4,847	334,982	SH	DFND	1 3 4	334,982	0	0
PFIZER INC	COM	717081103	469,497	13,066,996	SH	DFND	1 3 4	13,038,108	0	28,888
PFIZER INC	COM	717081103	3,123	86,906	SH	DFND	1 4	86,906	0	0
PG&E CORP	COM	69331C108	332	33,219	SH	DFND	1 4	33,219	0	0
PGT INNOVATIONS INC	COM	69336V101	8,634	499,934	SH	DFND	1 3 4	499,934	0	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	3,574	167,574	SH	DFND	1 3 4	167,574	0	0
PHILIP MORRIS INTL INC	COM	718172109	204,639	2,695,098	SH	DFND	1 3 4	2,695,098	0	0
PHILIP MORRIS INTL INC	COM	718172109	2,553	33,622	SH	DFND	1 4	33,622	0	0
PHILLIPS 66	COM	718546104	1,128	11,017	SH	DFND	1 4	11,017	0	0
PHILLIPS 66	COM	718546104	71,881	701,987	SH	DFND	1 3 4	701,987	0	0
PHOTRONICS INC	COM	719405102	5,766	530,004	SH	DFND	1 3 4	530,004	0	0
PHYSICIANS RLTY TR	COM	71943U104	4,293	241,885	SH	DFND	1 3 4	241,885	0	0
PHYSICIANS RLTY TR	COM	71943U104	346	19,486	SH	DFND	1 4	19,486	0	0
PHYSICIANS RLTY TR	COM	71943U104	109,460	6,166,797	SH	DFND	2 3 4	6,166,797	0	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	285	13,642	SH	DFND	1 4	13,642	0	0
PILGRIMS PRIDE CORP NEW	COM	72147K108	7,193	224,481	SH	DFND	1 3 4	224,481	0	0
PIMCO ETF TR	ACTIVE BD	72201R775	466	4,283	SH	SOLE		0	0	4,283

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PING IDENTITY HLDG CORP	COM	72341T103	12,544	727,144	SH	DFND	1 3 4	727,144	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	17,998	317,146	SH	DFND	1 3 4	317,146	0	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	391	6,895	SH	DFND	1 4	6,895	0	0
PINNACLE WEST CAP CORP	COM	723484101	1,173	12,088	SH	DFND	1 4	12,088	0	0
PINNACLE WEST CAP CORP	COM	723484101	17,210	177,296	SH	DFND	1 3 4	177,296	0	0
PIONEER NAT RES CO	COM	723787107	34,090	271,048	SH	DFND	1 3 4	271,048	0	0
PIONEER NAT RES CO	COM	723787107	2,159	17,164	SH	DFND	1 4	17,164	0	0
PIPER JAFFRAY COS	COM	724078100	24,098	319,267	SH	DFND	1 3 4	319,267	0	0
PITNEY BOWES INC	COM	724479100	6,956	1,522,022	SH	DFND	1 3 4	1,522,022	0	0
PITNEY BOWES INC	COM	724479100	102	22,226	SH	DFND	1 4	22,226	0	0
PJT PARTNERS INC	COM CL A	69343T107	392	9,629	SH	DFND	1 3 4	9,629	0	0
PLAINS GP HLDGS L P	LTD PARTNR INT A	72651A207	578	27,209	SH	DFND	1 3 4	27,209	0	0
PLANET FITNESS INC	CL A	72703H101	24,037	415,366	SH	DFND	1 3 4	415,366	0	0
PLANET FITNESS INC	CL A	72703H101	605	10,456	SH	DFND	1 4	10,456	0	0
PLANTRONICS INC NEW	COM	727493108	22,120	592,718	SH	DFND	1 3 4	592,718	0	0
PLAYAGS INC	COM	72814N104	3,222	313,400	SH	DFND	1 3 4	313,400	0	0
PLEXUS CORP	COM	729132100	220	3,520	SH	DFND	1 4	3,520	0	0
PLEXUS CORP	COM	729132100	14,511	232,146	SH	DFND	1 3 4	232,146	0	0
PLURALSIGHT INC	COM CL A	72941B106	3,641	216,781	SH	DFND	1 3 4	216,781	0	0
PNC FINL SVCS GROUP INC	COM	693475105	326,711	2,330,986	SH	DFND	1 3 4	2,322,767	0	8,219
PNC FINL SVCS GROUP INC	COM	693475105	987	7,041	SH	DFND	1 4	7,041	0	0
PNM RES INC	COM	69349H107	65,436	1,256,462	SH	DFND	1 3 4	1,256,107	0	355
PNM RES INC	COM	69349H107	305	5,864	SH	DFND	1 4	5,864	0	0
PNM RES INC	COM	69349H107	2,648	50,859	SH	SOLE		50,859	0	0
POLARIS INC	COM	731068102	21,507	244,373	SH	DFND	1 3 4	244,373	0	0
POLARIS INC	COM	731068102	616	7,000	SH	DFND	1 4	7,000	0	0
POLYONE CORP	COM	73179P106	10,822	331,460	SH	DFND	1 3 4	331,460	0	0
POLYONE CORP	COM	73179P106	435	13,330	SH	DFND	1 4	13,330	0	0
POOL CORPORATION	COM	73278L105	950	4,710	SH	DFND	1 4	4,710	0	0
POOL CORPORATION	COM	73278L105	34,202	169,570	SH	DFND	1 3 4	169,570	0	0
POPULAR INC	COM NEW	733174700	480	8,875	SH	DFND	1 4	8,875	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	540	9,571	SH	DFND	1 4	9,571	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	2,703	47,943	SH	SOLE		47,943	0	0
PORTLAND GEN ELEC CO	COM NEW	736508847	51,924	921,131	SH	DFND	1 3 4	920,858	0	273
PORTOLA PHARMACEUTICALS INC	COM	737010108	277	10,339	SH	DFND	1 3 4	10,339	0	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	273	10,163	SH	DFND	1 4	10,163	0	0
POST HLDGS INC	COM	737446104	30,951	292,449	SH	DFND	1 3 4	292,449	0	0
POST HLDGS INC	COM	737446104	615	5,809	SH	DFND	1 4	5,809	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	11,725	285,379	SH	DFND	1 3 4	285,379	0	0
POTLATCHDELTIC CORPORATION	COM	737630103	201	4,893	SH	DFND	1 4	4,893	0	0
POWELL INDS INC	COM	739128106	2,715	69,337	SH	DFND	1 3 4	69,337	0	0
POWER INTEGRATIONS INC	COM	739276103	21,872	241,862	SH	DFND	1 3 4	241,862	0	0
POWER INTEGRATIONS INC	COM	739276103	447	4,938	SH	DFND	1 4	4,938	0	0
PPG INDS INC	COM	693506107	122,120	1,030,461	SH	DFND	1 3 4	1,028,417	0	2,044

PPG INDS INC	COM	693506107	1,107	9,344	SH	DFND	1 4	9,344	0	0
PPL CORP	COM	69351T106	32,017	1,016,723	SH	DFND	1 3 4	1,016,723	0	0
PPL CORP	COM	69351T106	1,757	55,786	SH	DFND	1 4	55,786	0	0
PRA GROUP INC	COM	69354N106	12,111	358,419	SH	DFND	1 3 4	358,419	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	26,467	266,723	SH	DFND	1 3 4	266,723	0	0
PRA HEALTH SCIENCES INC	COM	69354M108	732	7,373	SH	DFND	1 4	7,373	0	0
PRECISION BIOSCIENCES INC	COM	74019P108	1,422	169,500	SH	DFND	1 3 4	169,500	0	0
PREFERRED BK LOS ANGELES CA	COM NEW	740367404	6,095	116,369	SH	DFND	1 3 4	116,369	0	0
PREMIER INC	CL A	74051N102	2,183	75,482	SH	DFND	1 3 4	75,482	0	0
PRESIDIO INC	COM	74102M103	707	41,825	SH	DFND	1 3 4	41,825	0	0
PRESTIGE CONSMR HEALTHCARE I	COM	74112D101	8,542	246,250	SH	DFND	1 3 4	246,250	0	0
PRICE T ROWE GROUP INC	COM	74144T108	2,075	18,160	SH	DFND	1 4	18,160	0	0
PRICE T ROWE GROUP INC	COM	74144T108	37,940	332,078	SH	DFND	1 3 4	332,078	0	0
PRICESMART INC	COM	741511109	12,543	176,410	SH	DFND	1 3 4	176,410	0	0
PRICESMART INC	COM	741511109	247	3,472	SH	DFND	1 4	3,472	0	0
PRIMERICA INC	COM	74164M108	23,333	183,391	SH	DFND	1 3 4	183,391	0	0
PRIMERICA INC	COM	74164M108	583	4,585	SH	DFND	1 4	4,585	0	0
PRINCIPAL EXCHANGE TRADED FD	PRIN PRICE IDX	74255Y201	219	5,716	SH	DFND	1 4	5,716	0	0
PRINCIPAL EXCHANGE TRADED FD	PRIN SHRHLDR	74255Y300	3,825	118,917	SH	DFND	1 4	118,917	0	0
PRINCIPAL EXCHANGE TRADED FD	HEALTHCARE INDX	74255Y409	42,739	1,400,000	SH	DFND	1 3 4	1,400,000	0	0
PRINCIPAL EXCHANGE TRADED FD	HEALTHCARE INDX	74255Y409	396	12,968	SH	DFND	1 4	12,968	0	0
PRINCIPAL EXCHANGE TRADED FD	PRCPL MIL INDX	74255Y508	8,215	216,940	SH	DFND	1 4	216,940	0	0
PRINCIPAL EXCHANGE TRADED FD	US SM MLT FC ETF	74255Y607	1,247	40,581	SH	SOLE		0	0	40,581
PRINCIPAL EXCHANGE TRADED FD	US SM MLT FC ETF	74255Y607	1,476	48,179	SH	DFND	1 4	48,179	0	0
PRINCIPAL EXCHANGE TRADED FD	PRINCIPAL ACTV	74255Y706	1,620	57,703	SH	SOLE		0	0	57,703
PRINCIPAL EXCHANGE TRADED FD	US SM CP ETF	74255Y771	9,832	398,090	SH	DFND	1 4	398,090	0	0
PRINCIPAL EXCHANGE TRADED FD	US LRG CP ETF	74255Y789	4,954	199,921	SH	DFND	1 4	199,921	0	0
PRINCIPAL EXCHANGE TRADED FD	INTL INDEX ETF	74255Y797	15,279	612,897	SH	DFND	1 4	612,897	0	0
PRINCIPAL EXCHANGE TRADED FD	ULTRA SHT ACTV	74255Y813	10,018	399,681	SH	DFND	1 4	399,681	0	0
PRINCIPAL EXCHANGE TRADED FD	SUSTINBLE MMNT	74255Y854	3,790	135,095	SH	DFND	1 4	135,095	0	0
PRINCIPAL EXCHANGE TRADED FD	CONTRARIAN VLU	74255Y862	3,213	119,905	SH	DFND	1 4	119,905	0	0
PRINCIPAL EXCHANGE TRADED FD	US MEGA CAP	74255Y870	998	33,999	SH	DFND	1 4	33,999	0	0
PRINCIPAL EXCHANGE TRADED FD	US MEGA CAP	74255Y870	3,051	103,835	SH	SOLE		0	0	103,835
PRINCIPAL EXCHANGE TRADED FD	SPECTRUM PFD	74255Y888	19,810	199,004	SH	DFND	1 4	199,004	0	0
PRINCIPAL FINL GROUP INC	COM	74251V102	5,159	90,289	SH	DFND	1 3 4	90,289	0	0
PROASSURANCE CORP	COM	74267C106	17,086	424,286	SH	DFND	1 3 4	424,286	0	0
PROCTER & GAMBLE CO	COM	742718109	494,985	3,979,626	SH	DFND	1 3 4	3,979,626	0	0
PROCTER & GAMBLE CO	COM	742718109	7,823	62,895	SH	DFND	1 4	62,895	0	0
PROGENICS PHARMACEUTICALS IN	COM	743187106	3,509	694,217	SH	DFND	1 3 4	694,217	0	0

PROGENICS PHARMACEUTICALS IN	COM	743187106	68	13,411	SH	DFND	1 4	13,411	0	0
PROGRESS SOFTWARE CORP	COM	743312100	14,341	376,806	SH	DFND	1 3 4	376,806	0	0
PROGRESS SOFTWARE CORP	COM	743312100	344	9,039	SH	DFND	1 4	9,039	0	0
PROGRESSIVE CORP OHIO	COM	743315103	319,726	4,138,836	SH	DFND	1 3 4	4,138,836	0	0
PROGRESSIVE CORP OHIO	COM	743315103	2,341	30,298	SH	DFND	1 4	30,298	0	0
PROGRESSIVE CORP OHIO	COM	743315103	1,410	18,257	SH	SOLE		18,241	0	16
PROLOGIS INC	COM	74340W103	114,648	1,345,319	SH	DFND	1 3 4	1,345,319	0	0
PROLOGIS INC	COM	74340W103	919,383	10,788,364	SH	DFND	2 3 4	10,788,364	0	0
PROLOGIS INC	COM	74340W103	1,207	14,165	SH	DFND	1 4	14,165	0	0
PROOFPOINT INC	COM	743424103	871	6,751	SH	DFND	1 4	6,751	0	0
PROPETRO HLDG CORP	COM	74347M108	6,401	704,138	SH	DFND	1 3 4	704,138	0	0
PROPETRO HLDG CORP	COM	74347M108	114	12,507	SH	DFND	1 4	12,507	0	0
PROS HOLDINGS INC	COM	74346Y103	226	3,799	SH	DFND	1 4	3,799	0	0
PROSHARES TR	SHRT 20+YR TRE	74347X849	582	31,022	SH	SOLE		0	0	31,022
PROSPERITY BANCSHARES INC	COM	743606105	20,731	293,514	SH	DFND	1 3 4	293,514	0	0
PROTO LABS INC	COM	743713109	21,648	212,027	SH	DFND	1 3 4	212,027	0	0
PROTO LABS INC	COM	743713109	317	3,105	SH	DFND	1 4	3,105	0	0
PROVIDENCE SVC CORP	COM	743815102	5,415	91,072	SH	DFND	1 3 4	91,072	0	0
PROVIDENT FINL SVCS INC	COM	74386T105	12,255	499,603	SH	DFND	1 3 4	499,603	0	0
PRUDENTIAL FINL INC	COM	744320102	67,061	745,533	SH	DFND	1 3 4	745,533	0	0
PRUDENTIAL FINL INC	COM	744320102	1,057	11,751	SH	DFND	1 4	11,751	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	15,643	85,976	SH	DFND	1 3 4	85,976	0	0
PS BUSINESS PKS INC CALIF	COM	69360J107	612	3,365	SH	DFND	1 4	3,365	0	0
PTC INC	COM	69370C100	30,020	440,303	SH	DFND	1 3 4	440,303	0	0
PTC INC	COM	69370C100	322	4,722	SH	DFND	1 4	4,722	0	0
PTC THERAPEUTICS INC	COM	69366J200	301	8,892	SH	DFND	1 3 4	8,892	0	0
PTC THERAPEUTICS INC	COM	69366J200	295	8,718	SH	DFND	1 4	8,718	0	0
PUBLIC STORAGE	COM	74460D109	63,652	259,518	SH	DFND	1 3 4	259,518	0	0
PUBLIC STORAGE	COM	74460D109	2,722	11,099	SH	DFND	1 4	11,099	0	0
PUBLIC STORAGE	COM	74460D109	169,775	692,196	SH	DFND	2 3 4	692,196	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	2,021	32,558	SH	DFND	1 4	32,558	0	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	43,968	708,250	SH	DFND	1 3 4	708,250	0	0
PULTE GROUP INC	COM	745867101	904	24,739	SH	DFND	1 4	24,739	0	0
PULTE GROUP INC	COM	745867101	19,129	523,360	SH	DFND	1 3 4	523,360	0	0
PVH CORP	COM	693656100	9,187	104,126	SH	DFND	1 3 4	104,126	0	0
PVH CORP	COM	693656100	466	5,283	SH	DFND	1 4	5,283	0	0
Q2 HLDGS INC	COM	74736L109	365	4,623	SH	DFND	1 4	4,623	0	0
QEP RES INC	COM	74733V100	6,943	1,876,489	SH	DFND	1 3 4	1,876,489	0	0
QEP RES INC	COM	74733V100	65	17,548	SH	DFND	1 4	17,548	0	0
QIAGEN NV	SHS NEW	N72482123	516	15,655	SH	DFND	1 4	15,655	0	0
QORVO INC	COM	74736K101	12,232	164,986	SH	DFND	1 3 4	164,986	0	0
QORVO INC	COM	74736K101	853	11,511	SH	DFND	1 4	11,511	0	0
QTS RLTY TR INC	COM CL A	74736A103	325	6,324	SH	DFND	1 4	6,324	0	0
QUAKER CHEM CORP	COM	747316107	17,152	108,458	SH	DFND	1 3 4	108,458	0	0
QUAKER CHEM CORP	COM	747316107	346	2,187	SH	DFND	1 4	2,187	0	0
QUALCOMM INC	COM	747525103	4,524	59,311	SH	DFND	1 4	59,311	0	0
QUALCOMM INC	COM	747525103	134,639	1,765,067	SH	DFND	1 3 4	1,765,067	0	0
QUALYS INC	COM	74758T303	20,114	266,162	SH	DFND	1 3 4	266,162	0	0
QUALYS INC	COM	74758T303	465	6,154	SH	DFND	1 4	6,154	0	0

QUANEX BUILDING PRODUCTS COR	COM	747619104	4,729	261,560	SH	DFND	1 3 4	261,560	0	0
QUANTA SVCS INC	COM	74762E102	7,561	200,028	SH	DFND	1 3 4	200,028	0	0
QUANTA SVCS INC	COM	74762E102	438	11,582	SH	DFND	1 4	11,582	0	0
QUDIAN INC	ADR	747798106	33,677	4,887,808	SH	DFND	1 3 4	4,887,808	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	22,064	206,147	SH	DFND	1 3 4	206,147	0	0
QUEST DIAGNOSTICS INC	COM	74834L100	1,351	12,621	SH	DFND	1 4	12,621	0	0
QUIDEL CORP	COM	74838J101	1,061	17,293	SH	DFND	1 3 4	17,293	0	0
QUIDEL CORP	COM	74838J101	377	6,147	SH	DFND	1 4	6,147	0	0
QUINSTREET INC	COM	74874Q100	4,616	366,674	SH	DFND	1 3 4	366,674	0	0
QURATE RETAIL INC	COM SER A	74915M100	359	34,831	SH	DFND	1 4	34,831	0	0
R1 RCM INC	COM	749397105	531	59,475	SH	DFND	1 3 4	59,475	0	0
R1 RCM INC	COM	749397105	174	19,439	SH	DFND	1 4	19,439	0	0
RA MED SYS INC	COM	74933X104	739	528,075	SH	DFND	1 3 4	528,075	0	0
RADIAN GROUP INC	COM	750236101	482	21,086	SH	DFND	1 4	21,086	0	0
RADIANT LOGISTICS INC	COM	75025X100	89	17,295	SH	DFND	1 3 4	17,295	0	0
RALPH LAUREN CORP	CL A	751212101	8,435	88,356	SH	DFND	1 3 4	88,356	0	0
RALPH LAUREN CORP	CL A	751212101	445	4,657	SH	DFND	1 4	4,657	0	0
RAMBUS INC DEL	COM	750917106	11,504	876,491	SH	DFND	1 3 4	876,491	0	0
RANGE RES CORP	COM	75281A109	6,309	1,651,552	SH	DFND	1 3 4	1,651,552	0	0
RANGE RES CORP	COM	75281A109	84	21,988	SH	DFND	1 4	21,988	0	0
RAPID7 INC	COM	753422104	252	5,553	SH	DFND	1 4	5,553	0	0
RAPID7 INC	COM	753422104	437	9,631	SH	DFND	1 3 4	9,631	0	0
RAVEN INDS INC	COM	754212108	9,481	283,368	SH	DFND	1 3 4	283,368	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	15,125	183,424	SH	DFND	1 3 4	183,424	0	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	871	10,565	SH	DFND	1 4	10,565	0	0
RAYONIER ADVANCED MATLS INC	COM	75508B104	1,723	398,005	SH	DFND	1 3 4	398,005	0	0
RAYONIER INC	COM	754907103	20,303	719,997	SH	DFND	1 3 4	719,997	0	0
RAYONIER INC	COM	754907103	238	8,441	SH	DFND	1 4	8,441	0	0
RAYTHEON CO	COM NEW	755111507	76,868	391,803	SH	DFND	1 3 4	391,803	0	0
RAYTHEON CO	COM NEW	755111507	1,985	10,117	SH	DFND	1 4	10,117	0	0
RBC BEARINGS INC	COM	75524B104	463	2,793	SH	DFND	1 4	2,793	0	0
RE MAX HLDGS INC	CL A	75524W108	4,552	141,527	SH	DFND	1 3 4	141,527	0	0
REALOGY HLDGS CORP	COM	75605Y106	7,046	1,054,721	SH	DFND	1 3 4	1,054,721	0	0
REALPAGE INC	COM	75606N109	273,972	4,358,437	SH	DFND	1 3 4	4,358,437	0	0
REALPAGE INC	COM	75606N109	622	9,898	SH	DFND	1 4	9,898	0	0
REALTY INCOME CORP	COM	756109104	118,747	1,548,608	SH	DFND	1 3 4	1,545,349	0	3,259
REALTY INCOME CORP	COM	756109104	2,045	26,671	SH	DFND	1 4	26,671	0	0
REALTY INCOME CORP	COM	756109104	3,290	42,900	SH	DFND	2 3 4	42,900	0	0
REATA PHARMACEUTICALS INC	CL A	75615P103	676	8,424	SH	DFND	1 3 4	8,424	0	0
RED ROBIN GOURMET BURGERS IN	COM	75689M101	3,402	102,283	SH	DFND	1 3 4	102,283	0	0
REDFIN CORP	COM	75737F108	172	10,219	SH	DFND	1 4	10,219	0	0
REDWOOD TR INC	COM	758075402	14,508	884,086	SH	DFND	1 3 4	884,086	0	0
REGAL BELOIT CORP	COM	758750103	14,611	200,557	SH	DFND	1 3 4	200,557	0	0
REGAL BELOIT CORP	COM	758750103	303	4,154	SH	DFND	1 4	4,154	0	0
REGENCY CTRS CORP	COM	758849103	818	11,766	SH	DFND	1 4	11,766	0	0
REGENCY CTRS CORP	COM	758849103	391,910	5,639,839	SH	DFND	2 3 4	5,639,839	0	0
REGENCY CTRS CORP	COM	758849103	32,460	467,113	SH	DFND	1 3 4	467,113	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	31,083	112,052	SH	DFND	1 3 4	112,052	0	0
REGENERON PHARMACEUTICALS	COM	75886F107	675	2,435	SH	DFND	1 4	2,435	0	0
REGENXBIO INC	COM	75901B107	8,986	252,427	SH	DFND	1 3 4	252,427	0	0

REGIONS FINL CORP NEW	COM	7591EP100	26,795	1,693,723	SH	DFND	1 3 4	1,693,723	0	0
REGIONS FINL CORP NEW	COM	7591EP100	1,751	110,674	SH	DFND	1 4	110,674	0	0
REGIS CORP MINN	COM	758932107	3,911	193,404	SH	DFND	1 3 4	193,404	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	1,003	6,271	SH	DFND	1 4	6,271	0	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	42,786	267,615	SH	DFND	1 3 4	267,615	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	675	6,778	SH	DFND	1 4	6,778	0	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	30,399	305,024	SH	DFND	1 3 4	305,024	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	36,356	187,937	SH	DFND	1 3 4	187,937	0	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	1,022	5,282	SH	DFND	1 4	5,282	0	0
RENASANT CORP	COM	75970E107	216	6,158	SH	DFND	1 4	6,158	0	0
RENEWABLE ENERGY GROUP INC	COM NEW	75972A301	5,196	346,284	SH	DFND	1 3 4	346,284	0	0
RENT A CTR INC NEW	COM	76009N100	11,221	435,108	SH	DFND	1 3 4	435,108	0	0
RENT A CTR INC NEW	COM	76009N100	258	10,022	SH	DFND	1 4	10,022	0	0
REPLIGEN CORP	COM	759916109	16,241	211,779	SH	DFND	1 3 4	211,779	0	0
REPLIGEN CORP	COM	759916109	553	7,214	SH	DFND	1 4	7,214	0	0
REPUBLIC SVCS INC	COM	760759100	2,005	23,167	SH	DFND	1 4	23,167	0	0
REPUBLIC SVCS INC	COM	760759100	25,778	297,833	SH	DFND	1 3 4	297,833	0	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	7,485	521,585	SH	DFND	1 3 4	521,585	0	0
RESMED INC	COM	761152107	1,977	14,635	SH	DFND	1 4	14,635	0	0
RESMED INC	COM	761152107	27,428	203,003	SH	DFND	1 3 4	203,003	0	0
RESOURCES CONNECTION INC	COM	76122Q105	4,064	239,195	SH	DFND	1 3 4	239,195	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	677,979	9,530,223	SH	DFND	1 3 4	9,530,223	0	0
RESTAURANT BRANDS INTL INC	COM	76131D103	1,833	25,765	SH	SOLE		25,765	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	16,436	901,614	SH	DFND	1 3 4	901,614	0	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	227	12,449	SH	DFND	1 4	12,449	0	0
RETAIL PPTYS AMER INC	CL A	76131V202	254	20,615	SH	DFND	1 4	20,615	0	0
REVANCE THERAPEUTICS INC	COM	761330109	4,204	323,353	SH	DFND	1 3 4	323,353	0	0
REVOLVE GROUP INC	CL A	76156B107	6,140	262,733	SH	DFND	1 3 4	262,733	0	0
REX AMERICAN RESOURCES CORP	COM	761624105	3,425	44,868	SH	DFND	1 3 4	44,868	0	0
REXFORD INDL RLTY INC	COM	76169C100	474	10,774	SH	DFND	1 4	10,774	0	0
REXFORD INDL RLTY INC	COM	76169C100	203,573	4,624,551	SH	DFND	2 3 4	4,624,551	0	0
REXNORD CORP NEW	COM	76169B102	19,260	711,991	SH	DFND	1 3 4	711,991	0	0
REXNORD CORP NEW	COM	76169B102	221	8,174	SH	DFND	1 4	8,174	0	0
RH	COM	74967X103	21,543	126,105	SH	DFND	1 3 4	126,105	0	0
RH	COM	74967X103	264	1,545	SH	DFND	1 4	1,545	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	47	24,880	SH	DFND	1 3 4	24,880	0	0
RIGEL PHARMACEUTICALS INC	COM NEW	766559603	48	25,770	SH	DFND	1 4	25,770	0	0
RING ENERGY INC	COM	76680V108	3,162	1,927,851	SH	DFND	1 3 4	1,927,851	0	0
RINGCENTRAL INC	CL A	76680R206	354	2,817	SH	DFND	1 3 4	2,817	0	0
RINGCENTRAL INC	CL A	76680R206	964	7,670	SH	DFND	1 4	7,670	0	0
RITCHIE BROS AUCTIONEERS	COM	767744105	12,454	312,133	SH	DFND	1 3 4	305,133	0	7,000

RLI CORP	COM	749607107	29,210	314,390	SH	DFND	1 3 4	314,390	0	0
RLI CORP	COM	749607107	429	4,617	SH	DFND	1 4	4,617	0	0
RLJ LODGING TR	COM	74965L101	215	12,629	SH	DFND	1 4	12,629	0	0
ROBERT HALF INTL INC	COM	770323103	10,226	183,729	SH	DFND	1 3 4	183,729	0	0
ROBERT HALF INTL INC	COM	770323103	802	14,401	SH	DFND	1 4	14,401	0	0
ROCKWELL AUTOMATION INC	COM	773903109	27,242	165,302	SH	DFND	1 3 4	165,302	0	0
ROCKWELL AUTOMATION INC	COM	773903109	2,034	12,345	SH	DFND	1 4	12,345	0	0
ROCKWELL MED INC	COM	774374102	33	12,037	SH	DFND	1 4	12,037	0	0
ROGERS CORP	COM	775133101	20,789	152,069	SH	DFND	1 3 4	152,069	0	0
ROGERS CORP	COM	775133101	442	3,236	SH	DFND	1 4	3,236	0	0
ROKU INC	COM CL A	77543R102	290	2,846	SH	DFND	1 4	2,846	0	0
ROLLINS INC	COM	775711104	622	18,260	SH	DFND	1 4	18,260	0	0
ROLLINS INC	COM	775711104	6,855	201,216	SH	DFND	1 3 4	201,216	0	0
ROPER TECHNOLOGIES INC	COM	776696106	1,870	5,244	SH	DFND	1 4	5,244	0	0
ROPER TECHNOLOGIES INC	COM	776696106	435,327	1,220,770	SH	DFND	1 3 4	1,220,770	0	0
ROSS STORES INC	COM	778296103	102,258	930,882	SH	DFND	1 3 4	930,882	0	0
ROSS STORES INC	COM	778296103	3,045	27,724	SH	DFND	1 4	27,724	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	26,075	240,696	SH	DFND	1 3 4	240,696	0	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	1,198	11,061	SH	DFND	1 4	11,061	0	0
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	165,192	2,757,798	SH	DFND	1 3 4	2,728,880	0	28,918
ROYAL GOLD INC	COM	780287108	34,388	279,099	SH	DFND	1 3 4	279,099	0	0
ROYAL GOLD INC	COM	780287108	503	4,085	SH	DFND	1 4	4,085	0	0
RPC INC	COM	749660106	2,279	406,189	SH	DFND	1 3 4	406,189	0	0
RPM INTL INC	COM	749685103	915	13,293	SH	DFND	1 4	13,293	0	0
RPM INTL INC	COM	749685103	5,509	80,046	SH	SOLE		80,046	0	0
RPM INTL INC	COM	749685103	84,959	1,234,688	SH	DFND	1 3 4	1,234,148	0	540
RPT REALTY	SH BEN INT	74971D101	8,598	634,512	SH	DFND	1 3 4	634,512	0	0
RUBIUS THERAPEUTICS INC	COM	78116T103	92	11,764	SH	DFND	1 3 4	11,764	0	0
RUDOLPH TECHNOLOGIES INC	COM	781270103	6,528	247,664	SH	DFND	1 3 4	247,664	0	0
RUTHS HOSPITALITY GROUP INC	COM	783332109	13,430	657,834	SH	DFND	1 3 4	657,834	0	0
RYDER SYS INC	COM	783549108	14,059	271,572	SH	DFND	1 3 4	271,572	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	434	5,308	SH	DFND	1 4	5,308	0	0
S & T BANCORP INC	COM	783859101	10,310	282,227	SH	DFND	1 3 4	282,227	0	0
S&P GLOBAL INC	COM	78409V104	327,936	1,338,625	SH	DFND	1 3 4	1,338,625	0	0
S&P GLOBAL INC	COM	78409V104	2,935	11,980	SH	DFND	1 4	11,980	0	0
S&P GLOBAL INC	COM	78409V104	3,694	15,079	SH	SOLE		15,077	0	2
SABRA HEALTH CARE REIT INC	COM	78573L106	304	13,233	SH	DFND	1 4	13,233	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	156,357	6,809,976	SH	DFND	2 3 4	6,809,976	0	0
SABRA HEALTH CARE REIT INC	COM	78573L106	24,650	1,073,591	SH	DFND	1 3 4	1,073,591	0	0
SABRE CORP	COM	78573M104	26,033	1,162,445	SH	DFND	1 3 4	1,162,445	0	0
SABRE CORP	COM	78573M104	601	26,840	SH	DFND	1 4	26,840	0	0
SAFETY INS GROUP INC	COM	78648T100	11,780	116,256	SH	DFND	1 3 4	116,256	0	0
SAGE THERAPEUTICS INC	COM	78667J108	1,103	7,862	SH	DFND	1 3 4	7,862	0	0
SAGE THERAPEUTICS INC	COM	78667J108	779	5,553	SH	DFND	1 4	5,553	0	0
SAIA INC	COM	78709Y105	19,146	204,330	SH	DFND	1 3 4	204,330	0	0
SAIA INC	COM	78709Y105	403	4,301	SH	DFND	1 4	4,301	0	0
SAILPOINT TECHNLOGIES HLDGS I	COM	78781P105	1,319	70,563	SH	DFND	1 3 4	70,563	0	0

SALESFORCE COM INC	COM	79466L302	5,408	36,432	SH	SOLE		36,428	0	4
SALESFORCE COM INC	COM	79466L302	330,410	2,225,883	SH	DFND	1 3 4	2,225,883	0	0
SALESFORCE COM INC	COM	79466L302	5,934	39,981	SH	DFND	1 4	39,981	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	8,491	570,230	SH	DFND	1 3 4	570,230	0	0
SALLY BEAUTY HLDGS INC	COM	79546E104	194	13,062	SH	DFND	1 4	13,062	0	0
SANDERSON FARMS INC	COM	800013104	12,711	83,993	SH	DFND	1 3 4	83,993	0	0
SANDERSON FARMS INC	COM	800013104	326	2,153	SH	DFND	1 4	2,153	0	0
SANDY SPRING BANCORP INC	COM	800363103	458	13,598	SH	DFND	1 3 4	13,598	0	0
SANFILIPPO JOHN B & SON INC	COM	800422107	6,930	71,743	SH	DFND	1 3 4	71,743	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	144	15,957	SH	DFND	1 3 4	15,957	0	0
SANGAMO THERAPEUTICS INC	COM	800677106	142	15,694	SH	DFND	1 4	15,694	0	0
SANMINA CORPORATION	COM	801056102	17,626	548,939	SH	DFND	1 3 4	548,939	0	0
SANMINA CORPORATION	COM	801056102	334	10,408	SH	DFND	1 4	10,408	0	0
SANTANDER CONSUMER USA HDG I	COM	80283M101	270	10,584	SH	DFND	1 4	10,584	0	0
SAP SE	SPON ADR	803054204	69,209	587,167	SH	DFND	1 3 4	580,978	0	6,189
SAREPTA THERAPEUTICS INC	COM	803607100	586	7,776	SH	DFND	1 4	7,776	0	0
SAREPTA THERAPEUTICS INC	COM	803607100	829	11,001	SH	DFND	1 3 4	11,001	0	0
SAUL CTRS INC	COM	804395101	7,010	128,608	SH	DFND	1 3 4	128,608	0	0
SAUL CTRS INC	COM	804395101	44,080	808,665	SH	DFND	2 3 4	808,665	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	752,454	3,120,276	SH	DFND	1 3 4	3,120,276	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	2,535	10,514	SH	DFND	1 4	10,514	0	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	913	3,786	SH	SOLE		3,786	0	0
SCANSOURCE INC	COM	806037107	6,163	201,740	SH	DFND	1 3 4	201,740	0	0
SCHLUMBERGER LTD	COM	806857108	71,080	2,080,182	SH	DFND	1 3 4	2,080,182	0	0
SCHLUMBERGER LTD	COM	806857108	739	21,626	SH	DFND	1 4	21,626	0	0
SCHOLASTIC CORP	COM	807066105	9,186	243,285	SH	DFND	1 3 4	243,285	0	0
SCHWAB STRATEGIC TR	US LRG CAP ETF	808524201	316	4,449	SH	SOLE		0	0	4,449
SCHWEITZER-MAUDUIT INTL INC	COM	808541106	9,525	254,412	SH	DFND	1 3 4	254,412	0	0
SCIENCE APPLICATNS INTL CP N	COM	808625107	873	9,989	SH	DFND	1 4	9,989	0	0
SCIENCE APPLICATNS INTL CP N	COM	808625107	18,300	209,506	SH	DFND	1 3 4	209,506	0	0
SCIENTIFIC GAMES CORP	COM	80874P109	4,670	229,465	SH	DFND	1 3 4	229,465	0	0
SCOTTS MIRACLE GRO CO	CL A	810186106	17,041	167,366	SH	DFND	1 3 4	167,366	0	0
SCOTTS MIRACLE GRO CO	CL A	810186106	470	4,617	SH	DFND	1 4	4,617	0	0
SCRIPPS E W CO OHIO	CL A NEW	811054402	5,967	449,324	SH	DFND	1 3 4	449,324	0	0
SEA LTD	SPONSORED ADS	81141R100	320	10,343	SH	DFND	1 3 4	10,343	0	0
SEACOAST BKG CORP FLA	COM NEW	811707801	10,273	405,889	SH	DFND	1 3 4	405,889	0	0
SEACOR HOLDINGS INC	COM	811904101	6,542	138,979	SH	DFND	1 3 4	138,979	0	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	18,837	350,190	SH	DFND	1 3 4	350,190	0	0
SEALED AIR CORP NEW	COM	81211K100	692	16,665	SH	DFND	1 4	16,665	0	0
SEALED AIR CORP NEW	COM	81211K100	13,761	331,508	SH	DFND	1 3 4	331,508	0	0
SEATTLE GENETICS INC	COM	812578102	1,027	12,025	SH	DFND	1 4	12,025	0	0
SEATTLE GENETICS INC	COM	812578102	9,431	110,427	SH	DFND	1 3 4	110,427	0	0

SEAWORLD ENTMT INC	COM	81282V100	1,187	45,092	SH	DFND	1 3 4	45,092	0	0
SEI INVESTMENTS CO	COM	784117103	32,660	551,173	SH	DFND	1 3 4	551,173	0	0
SEI INVESTMENTS CO	COM	784117103	612	10,329	SH	DFND	1 4	10,329	0	0
SELECT ENERGY SVCS INC	CL A COM	81617J301	9,422	1,088,038	SH	DFND	1 3 4	1,088,038	0	0
SELECT MED HLDGS CORP	COM	81619Q105	14,851	896,283	SH	DFND	1 3 4	896,283	0	0
SELECT MED HLDGS CORP	COM	81619Q105	323	19,486	SH	DFND	1 4	19,486	0	0
SELECTIVE INS GROUP INC	COM	816300107	19,011	252,837	SH	DFND	1 3 4	252,837	0	0
SELECTIVE INS GROUP INC	COM	816300107	580	7,718	SH	DFND	1 4	7,718	0	0
SEMGROUP CORP	CL A	81663A105	1,143	69,979	SH	DFND	1 3 4	69,979	0	0
SEMPRA ENERGY	COM	816851109	191,707	1,298,742	SH	DFND	1 3 4	1,296,098	0	2,644
SEMPRA ENERGY	COM	816851109	2,615	17,713	SH	DFND	1 4	17,713	0	0
SEMTECH CORP	COM	816850101	360	7,410	SH	DFND	1 4	7,410	0	0
SEMTECH CORP	COM	816850101	15,281	314,359	SH	DFND	1 3 4	314,359	0	0
SENECA FOODS CORP NEW	CL A	817070501	1,687	54,117	SH	DFND	1 3 4	54,117	0	0
SENIOR HSG PPTYS TR	SH BEN INT	81721M109	9,364	1,011,825	SH	DFND	1 3 4	1,011,825	0	0
SENIOR HSG PPTYS TR	SH BEN INT	81721M109	161	17,366	SH	DFND	1 4	17,366	0	0
SENSATA TECHNOLOGIES HLDNG P	SHS	G8060N102	806	16,107	SH	DFND	1 4	16,107	0	0
SENSEONICS HLDGS INC	COM	81727U105	26	26,198	SH	DFND	1 3 4	26,198	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	14,779	215,283	SH	DFND	1 3 4	215,283	0	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	278	4,047	SH	DFND	1 4	4,047	0	0
SERVICE CORP INTL	COM	817565104	958	20,038	SH	DFND	1 4	20,038	0	0
SERVICE CORP INTL	COM	817565104	37,033	774,583	SH	DFND	1 3 4	774,583	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	394	15,292	SH	DFND	1 4	15,292	0	0
SERVICE PPTYS TR	COM SH BEN INT	81761L102	18,122	702,689	SH	DFND	1 3 4	702,689	0	0
SERVICEMASTER GLOBAL HLDGS I	COM	81761R109	816	14,593	SH	DFND	1 4	14,593	0	0
SERVICENOW INC	COM	81762P102	10,211	40,225	SH	DFND	1 3 4	40,225	0	0
SERVICENOW INC	COM	81762P102	2,270	8,941	SH	DFND	1 4	8,941	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	12,598	380,043	SH	DFND	1 3 4	380,043	0	0
SERVISFIRST BANCSHARES INC	COM	81768T108	282	8,500	SH	DFND	1 4	8,500	0	0
SHAKE SHACK INC	CL A	819047101	23,653	241,257	SH	DFND	1 3 4	241,257	0	0
SHAKE SHACK INC	CL A	819047101	318	3,243	SH	DFND	1 4	3,243	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	518	16,293	SH	DFND	1 3 4	16,293	0	0
SHENANDOAH TELECOMMUNICATION	COM	82312B106	272	8,553	SH	DFND	1 4	8,553	0	0
SHERWIN WILLIAMS CO	COM	824348106	87,248	158,670	SH	DFND	1 3 4	158,670	0	0
SHERWIN WILLIAMS CO	COM	824348106	2,220	4,037	SH	DFND	1 4	4,037	0	0
SHERWIN WILLIAMS CO	COM	824348106	1,803	3,279	SH	SOLE		3,269	0	10
SHOE CARNIVAL INC	COM	824889109	2,784	85,912	SH	DFND	1 3 4	85,912	0	0
SHOPIFY INC	CL A	82509L107	108,627	348,544	SH	DFND	1 3 4	348,544	0	0
SHOPIFY INC	CL A	82509L107	1,145	3,677	SH	SOLE		3,669	0	8
SHUTTERSTOCK INC	COM	825690100	5,891	163,108	SH	DFND	1 3 4	163,108	0	0
SIGA TECHNOLOGIES INC	COM	826917106	55	10,671	SH	DFND	1 4	10,671	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	28,575	239,682	SH	DFND	1 3 4	239,682	0	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	798	6,696	SH	DFND	1 4	6,696	0	0
SIGNET JEWELERS LIMITED	SHS	G81276100	6,914	412,525	SH	DFND	1 3 4	412,525	0	0

SILGAN HOLDINGS INC	COM	827048109	11,923	396,969	SH	DFND	1 3 4	396,969	0	0
SILGAN HOLDINGS INC	COM	827048109	208	6,924	SH	DFND	1 4	6,924	0	0
SILICON LABORATORIES INC	COM	826919102	20,512	184,216	SH	DFND	1 3 4	184,216	0	0
SILICON LABORATORIES INC	COM	826919102	554	4,971	SH	DFND	1 4	4,971	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	20,152	809,309	SH	DFND	1 3 4	809,309	0	0
SIMMONS 1ST NATL CORP	CL A \$1 PAR	828730200	241	9,679	SH	DFND	1 4	9,679	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	102,118	656,076	SH	DFND	1 3 4	655,920	0	156
SIMON PPTY GROUP INC NEW	COM	828806109	2,148	13,799	SH	DFND	1 4	13,799	0	0
SIMON PPTY GROUP INC NEW	COM	828806109	476,003	3,058,164	SH	DFND	2 3 4	3,058,164	0	0
SIMPLY GOOD FOODS CO	COM	82900L102	484	16,692	SH	DFND	1 3 4	16,692	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	23,877	344,192	SH	DFND	1 3 4	344,192	0	0
SIMPSON MANUFACTURING CO INC	COM	829073105	542	7,820	SH	DFND	1 4	7,820	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	1,994	46,658	SH	DFND	1 3 4	46,658	0	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	323	7,558	SH	DFND	1 4	7,558	0	0
SIRIUS XM HLDGS INC	COM	82968B103	1,038	165,868	SH	DFND	1 4	165,868	0	0
SITE CENTERS CORP	COM	82981J109	206	13,649	SH	DFND	1 4	13,649	0	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	349	4,716	SH	DFND	1 4	4,716	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	16,924	333,221	SH	DFND	1 3 4	333,221	0	0
SIX FLAGS ENTMT CORP NEW	COM	83001A102	342	6,743	SH	DFND	1 4	6,743	0	0
SJW GROUP	COM	784305104	1,709	25,019	SH	DFND	1 3 4	25,019	0	0
SKECHERS U S A INC	CL A	830566105	21,219	568,110	SH	DFND	1 3 4	568,110	0	0
SKECHERS U S A INC	CL A	830566105	549	14,712	SH	DFND	1 4	14,712	0	0
SKYWEST INC	COM	830879102	23,124	402,855	SH	DFND	1 3 4	402,855	0	0
SKYWEST INC	COM	830879102	291	5,076	SH	DFND	1 4	5,076	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	20,048	252,967	SH	DFND	1 3 4	252,967	0	0
SKYWORKS SOLUTIONS INC	COM	83088M102	1,069	13,494	SH	DFND	1 4	13,494	0	0
SL GREEN RLTY CORP	COM	78440X101	9,452	115,618	SH	DFND	1 3 4	115,618	0	0
SL GREEN RLTY CORP	COM	78440X101	328	4,013	SH	DFND	1 4	4,013	0	0
SLACK TECHNOLOGIES INC	COM CL A	83088V102	123,847	5,219,011	SH	DFND	1 3 4	5,219,011	0	0
SLACK TECHNOLOGIES INC	COM CL A	83088V102	537	22,635	SH	SOLE		22,635	0	0
SLEEP NUMBER CORP	COM	83125X103	10,323	249,827	SH	DFND	1 3 4	249,827	0	0
SLM CORP	COM	78442P106	15,991	1,812,010	SH	DFND	1 3 4	1,812,010	0	0
SLM CORP	COM	78442P106	334	37,880	SH	DFND	1 4	37,880	0	0
SM ENERGY CO	COM	78454L100	9,047	933,663	SH	DFND	1 3 4	933,663	0	0
SMART GLOBAL HLDGS INC	SHS	G8232Y101	3,443	135,106	SH	DFND	1 3 4	135,106	0	0
SMARTSHEET INC	COM CL A	83200N103	415	11,506	SH	DFND	1 4	11,506	0	0
SMITH A O CORP	COM	831865209	10,046	210,574	SH	DFND	1 3 4	210,574	0	0
SMITH A O CORP	COM	831865209	580	12,161	SH	DFND	1 4	12,161	0	0
SMUCKER J M CO	COM NEW	832696405	17,581	159,797	SH	DFND	1 3 4	159,797	0	0
SMUCKER J M CO	COM NEW	832696405	1,195	10,859	SH	DFND	1 4	10,859	0	0
SNAP INC	CL A	83304A106	325	20,588	SH	DFND	1 3 4	20,588	0	0
SNAP ON INC	COM	833034101	91,454	584,222	SH	DFND	1 3 4	582,763	0	1,459
SNAP ON INC	COM	833034101	822	5,254	SH	DFND	1 4	5,254	0	0

SNAP ON INC	COM	833034101	7,698	49,170	SH	SOLE		49,170	0	0
SOCIEDAD QUIMICA MINERA DE C	SPON ADR SER B	833635105	5,119	184,213	SH	DFND	1 3 4	184,213	0	0
SOLAREEDGE TECHNOLOGIES INC	COM	83417M104	31,831	380,211	SH	DFND	1 3 4	380,211	0	0
SOLARIS OILFIELD INFRSTR INC	COM CL A	83418M103	249	18,559	SH	DFND	1 3 4	18,559	0	0
SOLARWINDS CORP	COM	83417Q105	23,126	1,253,410	SH	DFND	1 3 4	1,253,410	0	0
SONIC AUTOMOTIVE INC	CL A	83545G102	6,009	191,323	SH	DFND	1 3 4	191,323	0	0
SONOCO PRODS CO	COM	835495102	24,805	426,124	SH	DFND	1 3 4	426,124	0	0
SONOCO PRODS CO	COM	835495102	496	8,515	SH	DFND	1 4	8,515	0	0
SONOS INC	COM	83570H108	148	11,035	SH	DFND	1 4	11,035	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	40	18,711	SH	DFND	1 4	18,711	0	0
SORRENTO THERAPEUTICS INC	COM NEW	83587F202	28	13,229	SH	DFND	1 3 4	13,229	0	0
SOTHEBYS	COM	835898107	7,897	138,597	SH	DFND	1 3 4	138,597	0	0
SOTHEBYS	COM	835898107	208	3,648	SH	DFND	1 4	3,648	0	0
SOUTH JERSEY INDS INC	COM	838518108	23,982	728,709	SH	DFND	1 3 4	728,709	0	0
SOUTH JERSEY INDS INC	COM	838518108	292	8,880	SH	DFND	1 4	8,880	0	0
SOUTH ST CORP	COM	840441109	1,570	20,854	SH	DFND	1 3 4	20,854	0	0
SOUTHERN CO	COM	842587107	93,864	1,519,571	SH	DFND	1 3 4	1,519,571	0	0
SOUTHERN CO	COM	842587107	1,515	24,527	SH	DFND	1 4	24,527	0	0
SOUTHERN COPPER CORP	COM	84265V105	4,902	143,638	SH	DFND	1 3 4	143,638	0	0
SOUTHSIDE BANCSHARES INC	COM	84470P109	9,069	265,863	SH	DFND	1 3 4	265,863	0	0
SOUTHWEST AIRLS CO	COM	844741108	37,308	690,760	SH	DFND	1 3 4	690,760	0	0
SOUTHWEST AIRLS CO	COM	844741108	1,470	27,222	SH	DFND	1 4	27,222	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	579	6,356	SH	DFND	1 4	6,356	0	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	53,574	588,469	SH	DFND	1 3 4	588,469	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	5,590	2,896,344	SH	DFND	1 3 4	2,896,344	0	0
SOUTHWESTERN ENERGY CO	COM	845467109	118	61,265	SH	DFND	1 4	61,265	0	0
SPARK THERAPEUTICS INC	COM	84652J103	1,491	15,375	SH	DFND	1 3 4	15,375	0	0
SPARK THERAPEUTICS INC	COM	84652J103	507	5,223	SH	DFND	1 4	5,223	0	0
SPARTANNASH CO	COM	847215100	3,442	290,982	SH	DFND	1 3 4	290,982	0	0
SPDR INDEX SHS FDS	PORTFOLIO EMG MK	78463X509	499	14,548	SH	SOLE		0	0	14,548
SPDR INDEX SHS FDS	GLB NAT RESRCE	78463X541	10,726	249,034	SH	DFND	1 3 4	249,034	0	0
SPDR INDEX SHS FDS	S&P INTL SMLCP	78463X871	355	12,062	SH	SOLE		0	0	12,062
SPDR INDEX SHS FDS	PORTFOLIO DEVLDP	78463X889	1,717	58,467	SH	SOLE		0	0	58,467
SPDR SERIES TRUST	NUV HGHYLD MUN	78464A284	1,071	18,040	SH	DFND	1 3 4	18,040	0	0
SPDR SERIES TRUST	S&P 600 SMCP VAL	78464A300	440	7,185	SH	SOLE		0	0	7,185
SPDR SERIES TRUST	PORTFOLIO LN COR	78464A367	13,345	443,500	SH	DFND	1 3 4	443,500	0	0
SPDR SERIES TRUST	PORTFOLIO INTRMD	78464A375	41,416	1,173,910	SH	DFND	1 3 4	1,173,910	0	0
SPDR SERIES TRUST	PORTFOLIO INTRMD	78464A375	208	5,899	SH	SOLE		0	0	5,899
SPDR SERIES TRUST	PRTFLO S&P500 VL	78464A508	497	15,542	SH	SOLE		0	0	15,542
SPDR SERIES TRUST	PORTFOLIO	78464A649	2,382	80,355	SH	SOLE		0	0	80,355

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SPDR SERIES TRUST	PORTFOLIO TL STK	78464A805	1,951	53,112	SH	SOLE		0	0	53,112
SPDR SERIES TRUST	S&P 400 MDCP VAL	78464A839	371	7,221	SH	SOLE		0	0	7,221
SPDR SERIES TRUST	PORTFOLIO SH TSR	78468R101	408	13,589	SH	SOLE		0	0	13,589
SPDR SERIES TRUST	BLOOMBERG SRT TR	78468R408	270	9,994	SH	SOLE		0	0	9,994
SPDR SERIES TRUST	BLOOMBERG BRCLYS	78468R622	1,957	18,000	SH	DFND	1 3 4	18,000	0	0
SPDR SERIES TRUST	NUVEEN BLMBRG SR	78468R739	648	13,231	SH	SOLE		0	0	13,231
SPDR SERIES TRUST	PRTFLO S&P500 HI	78468R788	221	5,826	SH	SOLE		0	0	5,826
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	7,521	906,656	SH	DFND	1 3 4	906,656	0	0
SPECTRUM PHARMACEUTICALS INC	COM	84763A108	136	16,358	SH	DFND	1 4	16,358	0	0
SPIRE INC	COM	84857L101	28,620	328,060	SH	DFND	1 3 4	327,954	0	106
SPIRE INC	COM	84857L101	470	5,389	SH	DFND	1 4	5,389	0	0
SPIRE INC	COM	84857L101	1,289	14,770	SH	SOLE		14,770	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	298	3,620	SH	DFND	1 3 4	3,620	0	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	906	11,020	SH	DFND	1 4	11,020	0	0
SPIRIT AIRLS INC	COM	848577102	267	7,357	SH	DFND	1 4	7,357	0	0
SPIRIT MTA REIT	COM SHS BEN IN	84861U105	219	25,894	SH	DFND	1 3 4	25,894	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	404	8,448	SH	DFND	1 4	8,448	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	4,929	102,988	SH	DFND	2 3 4	102,988	0	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	18,382	384,078	SH	DFND	1 3 4	384,078	0	0
SPLUNK INC	COM	848637104	1,823	15,471	SH	DFND	1 4	15,471	0	0
SPOK HLDGS INC	COM	84863T106	1,687	141,289	SH	DFND	1 3 4	141,289	0	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	1,357	11,901	SH	DFND	1 4	11,901	0	0
SPRINT CORPORATION	COM	85207U105	301	48,710	SH	DFND	1 4	48,710	0	0
SPROUTS FMRS MKT INC	COM	85208M102	11,917	616,181	SH	DFND	1 3 4	616,181	0	0
SPROUTS FMRS MKT INC	COM	85208M102	263	13,574	SH	DFND	1 4	13,574	0	0
SPS COMMERCE INC	COM	78463M107	13,968	296,746	SH	DFND	1 3 4	296,746	0	0
SPS COMMERCE INC	COM	78463M107	338	7,183	SH	DFND	1 4	7,183	0	0
SPX CORP	COM	784635104	13,896	347,311	SH	DFND	1 3 4	347,311	0	0
SPX CORP	COM	784635104	339	8,478	SH	DFND	1 4	8,478	0	0
SPX FLOW INC	COM	78469X107	13,247	335,708	SH	DFND	1 3 4	335,708	0	0
SQUARE INC	CL A	852234103	57,216	923,580	SH	DFND	1 3 4	923,580	0	0
SQUARE INC	CL A	852234103	717	11,576	SH	DFND	1 4	11,576	0	0
SRC ENERGY INC	COM	78470V108	9,581	2,056,089	SH	DFND	1 3 4	2,056,089	0	0
SRC ENERGY INC	COM	78470V108	129	27,783	SH	DFND	1 4	27,783	0	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	1,197	23,217	SH	DFND	1 4	23,217	0	0
SSGA ACTIVE ETF TR	SPDR TR TACTIC	78467V848	312	6,345	SH	SOLE		0	0	6,345
STAAR SURGICAL CO	COM PAR \$0.01	852312305	9,638	373,865	SH	DFND	1 3 4	373,865	0	0
STAAR SURGICAL CO	COM PAR \$0.01	852312305	212	8,208	SH	DFND	1 4	8,208	0	0
STAG INDL INC	COM	85254J102	1,739	58,986	SH	DFND	1 3 4	58,986	0	0
STAG INDL INC	COM	85254J102	389	13,208	SH	DFND	1 4	13,208	0	0
STAMPS COM INC	COM NEW	852857200	9,575	128,609	SH	DFND	1 3 4	128,609	0	0

STANDARD MTR PRODS INC	COM	853666105	7,693	158,455	SH	DFND	1 3 4	158,455	0	0
STANDEX INTL CORP	COM	854231107	7,555	103,574	SH	DFND	1 3 4	103,574	0	0
STANLEY BLACK & DECKER INC	COM	854502101	30,720	212,733	SH	DFND	1 3 4	212,733	0	0
STANLEY BLACK & DECKER INC	COM	854502101	1,411	9,771	SH	DFND	1 4	9,771	0	0
STARBUCKS CORP	COM	855244109	258,275	2,921,000	SH	DFND	1 3 4	2,917,817	0	3,183
STARBUCKS CORP	COM	855244109	7,450	84,260	SH	DFND	1 4	84,260	0	0
STARWOOD PPTY TR INC	COM	85571B105	727	30,019	SH	DFND	1 4	30,019	0	0
STATE STR CORP	COM	857477103	32,640	551,443	SH	DFND	1 3 4	551,443	0	0
STATE STR CORP	COM	857477103	1,422	24,031	SH	DFND	1 4	24,031	0	0
STEEL DYNAMICS INC	COM	858119100	36,527	1,225,751	SH	DFND	1 3 4	1,225,751	0	0
STEEL DYNAMICS INC	COM	858119100	657	22,037	SH	DFND	1 4	22,037	0	0
STEELCASE INC	CL A	858155203	274	14,868	SH	DFND	1 4	14,868	0	0
STEPAN CO	COM	858586100	16,400	168,972	SH	DFND	1 3 4	168,972	0	0
STEPAN CO	COM	858586100	256	2,638	SH	DFND	1 4	2,638	0	0
STERICYCLE INC	COM	858912108	292	5,734	SH	DFND	1 4	5,734	0	0
STERICYCLE INC	COM	858912108	19,767	388,121	SH	DFND	1 3 4	388,121	0	0
STERIS PLC	SHS USD	G8473T100	145,925	1,009,937	SH	DFND	1 3 4	1,009,458	0	479
STERIS PLC	SHS USD	G8473T100	1,329	9,198	SH	DFND	1 4	9,198	0	0
STERIS PLC	SHS USD	G8473T100	11,312	78,290	SH	SOLE		78,290	0	0
STERLING BANCORP DEL	COM	85917A100	18,121	903,359	SH	DFND	1 3 4	903,359	0	0
STERLING BANCORP DEL	COM	85917A100	381	19,012	SH	DFND	1 4	19,012	0	0
STEWART INFORMATION SVCS COR	COM	860372101	7,304	188,287	SH	DFND	1 3 4	188,287	0	0
STIFEL FINL CORP	COM	860630102	42,403	738,988	SH	DFND	1 3 4	738,988	0	0
STIFEL FINL CORP	COM	860630102	291	5,072	SH	DFND	1 4	5,072	0	0
STITCH FIX INC	COM CL A	860897107	625	32,493	SH	DFND	1 3 4	32,493	0	0
STORE CAP CORP	COM	862121100	87,376	2,335,630	SH	DFND	1 3 4	2,329,038	0	6,592
STORE CAP CORP	COM	862121100	413,834	11,062,136	SH	DFND	2 3 4	11,062,136	0	0
STORE CAP CORP	COM	862121100	6,477	173,140	SH	SOLE		173,140	0	0
STORE CAP CORP	COM	862121100	832	22,249	SH	DFND	1 4	22,249	0	0
STRATEGIC ED INC	COM	86272C103	23,527	173,155	SH	DFND	1 3 4	173,155	0	0
STRATEGIC ED INC	COM	86272C103	489	3,600	SH	DFND	1 4	3,600	0	0
STRYKER CORP	COM	863667101	97,513	450,819	SH	DFND	1 3 4	450,819	0	0
STRYKER CORP	COM	863667101	3,618	16,728	SH	DFND	1 4	16,728	0	0
STURM RUGER & CO INC	COM	864159108	5,471	131,015	SH	DFND	1 3 4	131,015	0	0
SUMMIT HOTEL PPTYS INC	COM	866082100	9,618	829,169	SH	DFND	1 3 4	829,169	0	0
SUMMIT MATLS INC	CL A	86614U100	204	9,199	SH	DFND	1 4	9,199	0	0
SUMMIT MATLS INC	CL A	86614U100	114,529	5,158,965	SH	DFND	1 3 4	5,158,965	0	0
SUN CMNTYS INC	COM	866674104	17,188	115,783	SH	DFND	1 3 4	115,783	0	0
SUN CMNTYS INC	COM	866674104	1,394	9,390	SH	DFND	1 4	9,390	0	0
SUN CMNTYS INC	COM	866674104	403,791	2,720,047	SH	DFND	2 3 4	2,720,047	0	0
SUNCOKE ENERGY INC	COM	86722A103	4,081	723,601	SH	DFND	1 3 4	723,601	0	0
SUNRUN INC	COM	86771W105	214	12,811	SH	DFND	1 4	12,811	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	6,391	465,121	SH	DFND	1 3 4	465,121	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	157,149	11,437,402	SH	DFND	2 3 4	11,437,402	0	0
SUNSTONE HOTEL INVS INC NEW	COM	867892101	230	16,750	SH	DFND	1 4	16,750	0	0
SUNTRUST BKS INC	COM	867914103	159,992	2,325,466	SH	DFND	1 3 4	2,320,485	0	4,981
SUNTRUST BKS INC	COM	867914103	1,968	28,604	SH	DFND	1 4	28,604	0	0
SUPERNUS PHARMACEUTICALS INC	COM	868459108	12,105	440,516	SH	DFND	1 3 4	440,516	0	0

SUPERNUS PHARMACEUTICALS INC	COM	868459108	251	9,131	SH	DFND	1 4	9,131	0	0
SURGERY PARTNERS INC	COM	86881A100	123	16,679	SH	DFND	1 3 4	16,679	0	0
SURMODICS INC	COM	868873100	4,962	108,482	SH	DFND	1 3 4	108,482	0	0
SVB FINL GROUP	COM	78486Q101	15,189	72,691	SH	DFND	1 3 4	72,691	0	0
SVB FINL GROUP	COM	78486Q101	862	4,126	SH	DFND	1 4	4,126	0	0
SWEDISH EXPT CR CORP	ROG TTL ETN 22	870297801	564	111,104	SH	SOLE		0	0	111,104
SWITCH INC	CL A	87105L104	4,196	268,609	SH	DFND	1 3 4	268,609	0	0
SWITCH INC	CL A	87105L104	218	13,965	SH	DFND	1 4	13,965	0	0
SYKES ENTERPRISES INC	COM	871237103	9,348	305,079	SH	DFND	1 3 4	305,079	0	0
SYMANTEC CORP	COM	871503108	18,842	797,391	SH	DFND	1 3 4	797,391	0	0
SYMANTEC CORP	COM	871503108	973	41,172	SH	DFND	1 4	41,172	0	0
SYNAPTICS INC	COM	87157D109	5,585	139,791	SH	DFND	1 3 4	139,791	0	0
SYNCHRONY FINL	COM	87165B103	2,604	76,384	SH	DFND	1 4	76,384	0	0
SYNCHRONY FINL	COM	87165B103	32,238	945,654	SH	DFND	1 3 4	945,654	0	0
SYNEOS HEALTH INC	CL A	87166B102	56,514	1,062,082	SH	DFND	1 3 4	1,062,082	0	0
SYNEOS HEALTH INC	CL A	87166B102	382	7,174	SH	DFND	1 4	7,174	0	0
SYNNEX CORP	COM	87162W100	45,850	406,110	SH	DFND	1 3 4	406,110	0	0
SYNNEX CORP	COM	87162W100	443	3,923	SH	DFND	1 4	3,923	0	0
SYNOPSYS INC	COM	871607107	2,540	18,507	SH	DFND	1 4	18,507	0	0
SYNOPSYS INC	COM	871607107	33,212	241,987	SH	DFND	1 3 4	241,987	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	39,915	1,116,204	SH	DFND	1 3 4	1,116,204	0	0
SYNOVUS FINL CORP	COM NEW	87161C501	522	14,600	SH	DFND	1 4	14,600	0	0
SYSCO CORP	COM	871829107	57,309	721,771	SH	DFND	1 3 4	721,771	0	0
SYSCO CORP	COM	871829107	3,147	39,638	SH	DFND	1 4	39,638	0	0
T MOBILE US INC	COM	872590104	55,030	698,611	SH	DFND	1 3 4	689,682	0	8,929
T MOBILE US INC	COM	872590104	1,040	13,203	SH	DFND	1 4	13,203	0	0
TABULA RASA HEALTHCARE INC	COM	873379101	8,522	155,106	SH	DFND	1 3 4	155,106	0	0
TACTILE SYS TECHNOLOGY INC	COM	87357P100	6,739	159,248	SH	DFND	1 3 4	159,248	0	0
TAILORED BRANDS INC	COM	87403A107	1,981	450,131	SH	DFND	1 3 4	450,131	0	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	164,295	3,534,754	SH	DFND	1 3 4	3,402,708	0	132,046
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	20,021	159,737	SH	DFND	1 3 4	159,737	0	0
TAKE-TWO INTERACTIVE SOFTWARE	COM	874054109	1,459	11,639	SH	DFND	1 4	11,639	0	0
TAL EDUCATION GROUP	SPONSORED ADS	874080104	477	13,945	SH	DFND	1 3 4	13,945	0	0
TALOS ENERGY INC	COM	87484T108	5,269	259,196	SH	DFND	1 3 4	259,196	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	3,369	57,134	SH	DFND	1 3 4	57,134	0	0
TANDEM DIABETES CARE INC	COM NEW	875372203	378	6,412	SH	DFND	1 4	6,412	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	8,160	527,150	SH	DFND	1 3 4	527,150	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	164	10,578	SH	DFND	1 4	10,578	0	0
TANGER FACTORY OUTLET CTRS I	COM	875465106	320	20,721	SH	DFND	2 3 4	20,721	0	0
TAPESTRY INC	COM	876030107	11,039	423,765	SH	DFND	1 3 4	423,765	0	0
TAPESTRY INC	COM	876030107	536	20,591	SH	DFND	1 4	20,591	0	0
TARGA RES CORP	COM	87612G101	73,084	1,819,348	SH	DFND	1 3 4	1,817,951	0	1,397
TARGA RES CORP	COM	87612G101	643	16,015	SH	DFND	1 4	16,015	0	0
TARGA RES CORP	COM	87612G101	8,168	203,335	SH	SOLE		203,335	0	0
TARGET CORP	COM	87612E106	1,251	11,703	SH	DFND	1 4	11,703	0	0
TARGET CORP	COM	87612E106	80,554	753,475	SH	DFND	1 3 4	753,475	0	0
TAUBMAN CTRS INC	COM	876664103	85,276	2,088,563	SH	DFND	2 3 4	2,088,563	0	0

TAUBMAN CTRS INC	COM	876664103	13,860	339,458	SH	DFND	1 3 4	339,458	0	0
TAYLOR MORRISON HOME CORP	COM	87724P106	388	14,944	SH	DFND	1 4	14,944	0	0
TCF FINANCIAL CORPORATION NE	COM	872307103	29,770	781,987	SH	DFND	1 3 4	781,987	0	0
TCF FINANCIAL CORPORATION NE	COM	872307103	525	13,781	SH	DFND	1 4	13,781	0	0
TD AMERITRADE HLDG CORP	COM	87236Y108	1,275	27,301	SH	DFND	1 3 4	27,301	0	0
TD AMERITRADE HLDG CORP	COM	87236Y108	791	16,944	SH	DFND	1 4	16,944	0	0
TE CONNECTIVITY LTD	REG SHS	H84989104	67,999	729,762	SH	DFND	1 3 4	729,762	0	0
TEAM INC	COM	878155100	4,313	238,931	SH	DFND	1 3 4	238,931	0	0
TECH DATA CORP	COM	878237106	395	3,787	SH	DFND	1 4	3,787	0	0
TECH DATA CORP	COM	878237106	15,912	152,647	SH	DFND	1 3 4	152,647	0	0
TECHNIPFMC PLC	COM	G87110105	14,229	589,421	SH	DFND	1 3 4	589,421	0	0
TECHTARGET INC	COM	87874R100	4,078	181,022	SH	DFND	1 3 4	181,022	0	0
TEEKAY TANKERS LTD	CL A	Y8565N102	29	22,032	SH	DFND	1 4	22,032	0	0
TEGNA INC	COM	87901J105	15,469	996,081	SH	DFND	1 3 4	996,081	0	0
TEGNA INC	COM	87901J105	349	22,442	SH	DFND	1 4	22,442	0	0
TELADOC HEALTH INC	COM	87918A105	15,871	234,366	SH	DFND	1 3 4	234,366	0	0
TELADOC HEALTH INC	COM	87918A105	560	8,263	SH	DFND	1 4	8,263	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	62,478	194,037	SH	DFND	1 3 4	194,037	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	1,094	3,399	SH	DFND	1 4	3,399	0	0
TELEFLEX INC	COM	879369106	115,482	339,901	SH	DFND	1 3 4	338,407	0	1,494
TELEFLEX INC	COM	879369106	1,626	4,786	SH	DFND	1 4	4,786	0	0
TELEFLEX INC	COM	879369106	8,900	26,196	SH	SOLE		26,196	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	239	9,262	SH	DFND	1 4	9,262	0	0
TELEPHONE & DATA SYS INC	COM NEW	879433829	10,692	414,426	SH	DFND	1 3 4	414,426	0	0
TELLURIAN INC NEW	COM	87968A104	122	14,701	SH	DFND	1 4	14,701	0	0
TEMPUR SEALY INTL INC	COM	88023U101	429	5,551	SH	DFND	1 4	5,551	0	0
TEMPUR SEALY INTL INC	COM	88023U101	15,223	197,197	SH	DFND	1 3 4	197,197	0	0
TENABLE HLDGS INC	COM	88025T102	3,683	164,584	SH	DFND	1 3 4	164,584	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	11,216	507,033	SH	DFND	1 3 4	507,033	0	0
TENET HEALTHCARE CORP	COM NEW	88033G407	258	11,686	SH	DFND	1 4	11,686	0	0
TENNANT CO	COM	880345103	10,596	149,873	SH	DFND	1 3 4	149,873	0	0
TERADATA CORP DEL	COM	88076W103	476	15,346	SH	DFND	1 4	15,346	0	0
TERADATA CORP DEL	COM	88076W103	15,059	485,770	SH	DFND	1 3 4	485,770	0	0
TERADYNE INC	COM	880770102	1,320	22,793	SH	DFND	1 4	22,793	0	0
TERADYNE INC	COM	880770102	57,705	996,465	SH	DFND	1 3 4	991,553	0	4,912
TEREX CORP NEW	COM	880779103	7,226	278,228	SH	DFND	1 3 4	278,228	0	0
TERRAFORM PWR INC	COM CL A	88104R209	295	16,172	SH	DFND	1 4	16,172	0	0
TERRENO RLTY CORP	COM	88146M101	8,629	168,899	SH	DFND	1 3 4	168,899	0	0
TERRENO RLTY CORP	COM	88146M101	420	8,217	SH	DFND	1 4	8,217	0	0
TERRENO RLTY CORP	COM	88146M101	131,946	2,582,604	SH	DFND	2 3 4	2,582,604	0	0
TESLA INC	COM	88160R101	1,647	6,838	SH	DFND	1 4	6,838	0	0
TETRA TECH INC NEW	COM	88162G103	44,294	510,532	SH	DFND	1 3 4	510,532	0	0
TETRA TECH INC NEW	COM	88162G103	799	9,207	SH	DFND	1 4	9,207	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	1,991	990,513	SH	DFND	1 3 4	990,513	0	0
TETRA TECHNOLOGIES INC DEL	COM	88162F105	27	13,384	SH	DFND	1 4	13,384	0	0
TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	881624209	599	87,022	SH	DFND	1 3 4	87,022	0	0

TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	11,677	213,660	SH	DFND	1 3 4	213,660	0	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	278	5,082	SH	DFND	1 4	5,082	0	0
TEXAS INSTRS INC	COM	882508104	9,045	69,987	SH	DFND	1 4	69,987	0	0
TEXAS INSTRS INC	COM	882508104	177,869	1,376,272	SH	DFND	1 3 4	1,376,272	0	0
TEXAS ROADHOUSE INC	COM	882681109	614	11,693	SH	DFND	1 4	11,693	0	0
TEXAS ROADHOUSE INC	COM	882681109	14,677	279,456	SH	DFND	1 3 4	279,456	0	0
TEXTRON INC	COM	883203101	15,810	322,916	SH	DFND	1 3 4	322,916	0	0
TEXTRON INC	COM	883203101	792	16,170	SH	DFND	1 4	16,170	0	0
TG THERAPEUTICS INC	COM	88322Q108	65	11,641	SH	DFND	1 4	11,641	0	0
THE CHARLES SCHWAB CORPORATI	COM	808513105	3,330	79,603	SH	SOLE		79,603	0	0
THE CHARLES SCHWAB CORPORATI	COM	808513105	168,869	4,037,045	SH	DFND	1 3 4	4,029,854	0	7,191
THE CHARLES SCHWAB CORPORATI	COM	808513105	2,510	60,011	SH	DFND	1 4	60,011	0	0
THE TRADE DESK INC	COM CL A	88339J105	794	4,233	SH	DFND	1 4	4,233	0	0
THERAPEUTICSMID INC	COM	88338N107	138	37,899	SH	DFND	1 3 4	37,899	0	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	217,041	745,155	SH	DFND	1 3 4	742,584	0	2,571
THERMO FISHER SCIENTIFIC INC	COM	883556102	7,341	25,203	SH	DFND	1 4	25,203	0	0
THIRD PT REINS LTD	COM	G8827U100	6,302	630,850	SH	DFND	1 3 4	630,850	0	0
THOR INDS INC	COM	885160101	16,093	284,132	SH	DFND	1 3 4	284,132	0	0
TIFFANY & CO NEW	COM	886547108	40,048	432,341	SH	DFND	1 3 4	429,534	0	2,807
TIFFANY & CO NEW	COM	886547108	785	8,478	SH	DFND	1 4	8,478	0	0
TILE SHOP HLDGS INC	COM	88677Q109	922	289,134	SH	DFND	1 3 4	289,134	0	0
TILLYS INC	CL A	886885102	123	13,049	SH	DFND	1 3 4	13,049	0	0
TIMKEN CO	COM	887389104	16,510	379,462	SH	DFND	1 3 4	379,462	0	0
TIMKEN CO	COM	887389104	278	6,390	SH	DFND	1 4	6,390	0	0
TIMKENSTEEL CORP	COM	887399103	1,979	314,593	SH	DFND	1 3 4	314,593	0	0
TITAN INTL INC ILL	COM	88830M102	1,064	393,971	SH	DFND	1 3 4	393,971	0	0
TIVITY HEALTH INC	COM	88870R102	5,647	339,542	SH	DFND	1 3 4	339,542	0	0
TIVO CORP	COM	88870P106	7,555	992,055	SH	DFND	1 3 4	992,055	0	0
TJX COS INC NEW	COM	872540109	135,642	2,433,478	SH	DFND	1 3 4	2,433,478	0	0
TJX COS INC NEW	COM	872540109	4,873	87,416	SH	DFND	1 4	87,416	0	0
TJX COS INC NEW	COM	872540109	699	12,527	SH	SOLE		12,517	0	10
TOLL BROTHERS INC	COM	889478103	25,031	609,763	SH	DFND	1 3 4	609,763	0	0
TOLL BROTHERS INC	COM	889478103	506	12,335	SH	DFND	1 4	12,335	0	0
TOMPKINS FINANCIAL CORPORATI	COM	890110109	7,922	97,649	SH	DFND	1 3 4	97,649	0	0
TOOTSIE ROLL INDS INC	COM	890516107	2,966	79,848	SH	DFND	1 3 4	79,848	0	0
TOPBUILD CORP	COM	89055F103	26,218	271,890	SH	DFND	1 3 4	271,890	0	0
TOPBUILD CORP	COM	89055F103	569	5,901	SH	DFND	1 4	5,901	0	0
TORO CO	COM	891092108	33,365	455,181	SH	DFND	1 3 4	455,181	0	0
TORO CO	COM	891092108	962	13,126	SH	DFND	1 4	13,126	0	0
TOWNEBANK PORTSMOUTH VA	COM	89214P109	203	7,301	SH	DFND	1 4	7,301	0	0
TPG RE FIN TR INC	COM	87266M107	1,061	53,453	SH	DFND	1 3 4	53,453	0	0
TRACTOR SUPPLY CO	COM	892356106	15,726	173,882	SH	DFND	1 3 4	173,882	0	0
TRACTOR SUPPLY CO	COM	892356106	1,393	15,406	SH	DFND	1 4	15,406	0	0
TRANSDIGM GROUP INC	COM	893641100	6,613	12,701	SH	SOLE		12,692	0	9
TRANSDIGM GROUP INC	COM	893641100	1,143,577	2,196,355	SH	DFND	1 3 4	2,196,355	0	0
TRANSDIGM GROUP INC	COM	893641100	2,450	4,706	SH	DFND	1 4	4,706	0	0
TRANSOCEAN LTD	REG SHS	H8817H100	10,935	2,446,392	SH	DFND	1 3 4	2,446,392	0	0
TRANSUNION	COM	89400J107	1,864	22,982	SH	DFND	1 4	22,982	0	0
TRANSUNION	COM	89400J107	429,235	5,292,017	SH	DFND	1 3 4	5,292,017	0	0
TRAVELERS COMPANIES INC	COM	89417E109	54,257	364,901	SH	DFND	1 3 4	364,901	0	0
TRAVELERS COMPANIES INC	COM	89417E109	1,804	12,130	SH	DFND	1 4	12,130	0	0

TREDEGAR CORP	COM	894650100	3,800	194,669	SH	DFND	1 3 4	194,669	0	0
TREEHOUSE FOODS INC	COM	89469A104	15,607	281,465	SH	DFND	1 3 4	281,465	0	0
TREEHOUSE FOODS INC	COM	89469A104	213	3,840	SH	DFND	1 4	3,840	0	0
TREX CO INC	COM	89531P105	22,565	248,162	SH	DFND	1 3 4	248,162	0	0
TREX CO INC	COM	89531P105	618	6,792	SH	DFND	1 4	6,792	0	0
TRI POINTE GROUP INC	COM	87265H109	9,168	609,584	SH	DFND	1 3 4	609,584	0	0
TRI POINTE GROUP INC	COM	87265H109	228	15,167	SH	DFND	1 4	15,167	0	0
TRICIDA INC	COM	89610F101	203	6,571	SH	DFND	1 3 4	6,571	0	0
TRICO BANCSHARES	COM	896095106	335	9,222	SH	DFND	1 3 4	9,222	0	0
TRIMAS CORP	COM NEW	896215209	426	13,896	SH	DFND	1 3 4	13,896	0	0
TRIMBLE INC	COM	896239100	1,185	30,543	SH	DFND	1 4	30,543	0	0
TRIMBLE INC	COM	896239100	41,544	1,070,452	SH	DFND	1 3 4	1,070,452	0	0
TRINET GROUP INC	COM	896288107	488	7,853	SH	DFND	1 4	7,853	0	0
TRINITY INDS INC	COM	896522109	8,551	434,519	SH	DFND	1 3 4	434,519	0	0
TRINSEO S A	SHS	L9340P101	20,311	472,901	SH	DFND	1 3 4	472,901	0	0
TRIPADVISOR INC	COM	896945201	5,758	148,897	SH	DFND	1 3 4	148,897	0	0
TRIPADVISOR INC	COM	896945201	470	12,145	SH	DFND	1 4	12,145	0	0
TRITON INTL LTD	CL A	G9078F107	1,492	44,082	SH	DFND	1 3 4	44,082	0	0
TRIUMPH BANCORP INC	COM	89679E300	6,064	190,160	SH	DFND	1 3 4	190,160	0	0
TRIUMPH GROUP INC NEW	COM	896818101	9,034	394,831	SH	DFND	1 3 4	394,831	0	0
TRUEBLUE INC	COM	89785X101	6,714	318,192	SH	DFND	1 3 4	318,192	0	0
TRUSTCO BK CORP N Y	COM	898349105	102	12,558	SH	DFND	1 4	12,558	0	0
TRUSTCO BK CORP N Y	COM	898349105	6,295	772,449	SH	DFND	1 3 4	772,449	0	0
TRUSTMARK CORP	COM	898402102	11,597	339,992	SH	DFND	1 3 4	339,992	0	0
TRUSTMARK CORP	COM	898402102	235	6,881	SH	DFND	1 4	6,881	0	0
TTEC HLDGS INC	COM	89854H102	5,669	118,390	SH	DFND	1 3 4	118,390	0	0
TTM TECHNOLOGIES INC	COM	87305R109	9,437	773,810	SH	DFND	1 3 4	773,810	0	0
TUPPERWARE BRANDS CORP	COM	899896104	6,107	384,836	SH	DFND	1 3 4	384,836	0	0
TUTOR PERINI CORP	COM	901109108	11,606	809,916	SH	DFND	1 3 4	809,916	0	0
TWILIO INC	CL A	90138F102	299	2,720	SH	DFND	1 3 4	2,720	0	0
TWILIO INC	CL A	90138F102	441	4,009	SH	DFND	1 4	4,009	0	0
TWITTER INC	COM	90184L102	45,172	1,096,406	SH	DFND	1 3 4	1,096,406	0	0
TWITTER INC	COM	90184L102	2,934	71,215	SH	DFND	1 4	71,215	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	8,307	632,672	SH	DFND	1 3 4	632,672	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	325	24,777	SH	DFND	1 4	24,777	0	0
TWO HBRS INVT CORP	COM NEW	90187B408	1,059	80,667	SH	DFND	2 3 4	80,667	0	0
TYLER TECHNOLOGIES INC	COM	902252105	1,094	4,166	SH	DFND	1 4	4,166	0	0
TYLER TECHNOLOGIES INC	COM	902252105	43,309	164,986	SH	DFND	1 3 4	164,986	0	0
TYME TECHNOLOGIES INC	COM	90238J103	13	10,815	SH	DFND	1 4	10,815	0	0
TYSON FOODS INC	CL A	902494103	223,996	2,600,373	SH	DFND	1 3 4	2,594,810	0	5,563
TYSON FOODS INC	CL A	902494103	2,340	27,160	SH	DFND	1 4	27,160	0	0
U S CONCRETE INC	COM NEW	90333L201	8,022	145,109	SH	DFND	1 3 4	145,109	0	0
U S PHYSICAL THERAPY INC	COM	90337L108	13,962	106,945	SH	DFND	1 3 4	106,945	0	0
U S PHYSICAL THERAPY INC	COM	90337L108	295	2,256	SH	DFND	1 4	2,256	0	0
U S SILICA HLDGS INC	COM	90346E103	5,548	580,349	SH	DFND	1 3 4	580,349	0	0
UBER TECHNOLOGIES INC	COM	90353T100	10,071	330,509	SH	DFND	1 3 4	330,509	0	0
UDR INC	COM	902653104	4,028	83,081	SH	DFND	2 3 4	83,081	0	0
UDR INC	COM	902653104	20,010	412,747	SH	DFND	1 3 4	412,747	0	0
UDR INC	COM	902653104	1,402	28,912	SH	DFND	1 4	28,912	0	0
UGI CORP NEW	COM	902681105	44,654	888,326	SH	DFND	1 3 4	888,326	0	0
UGI CORP NEW	COM	902681105	745	14,814	SH	DFND	1 4	14,814	0	0
ULTA BEAUTY INC	COM	90384S303	20,806	83,005	SH	DFND	1 3 4	83,005	0	0

ULTA BEAUTY INC	COM	90384S303	1,476	5,887	SH	DFND	1 4	5,887	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	4,589	313,574	SH	DFND	1 3 4	313,574	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	383	8,963	SH	DFND	1 3 4	8,963	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	356	8,316	SH	DFND	1 4	8,316	0	0
UMB FINL CORP	COM	902788108	11,844	183,408	SH	DFND	1 3 4	183,408	0	0
UMB FINL CORP	COM	902788108	212	3,280	SH	DFND	1 4	3,280	0	0
UMPQUA HLDGS CORP	COM	904214103	15,457	939,056	SH	DFND	1 3 4	939,056	0	0
UMPQUA HLDGS CORP	COM	904214103	352	21,389	SH	DFND	1 4	21,389	0	0
UNDER ARMOUR INC	CL A	904311107	5,346	268,121	SH	DFND	1 3 4	268,121	0	0
UNDER ARMOUR INC	CL C	904311206	4,997	275,630	SH	DFND	1 3 4	275,630	0	0
UNIFI INC	COM NEW	904677200	2,526	115,251	SH	DFND	1 3 4	115,251	0	0
UNIFIRST CORP MASS	COM	904708104	25,537	130,877	SH	DFND	1 3 4	130,877	0	0
UNIFIRST CORP MASS	COM	904708104	301	1,541	SH	DFND	1 4	1,541	0	0
UNILEVER N V	N Y SHS NEW	904784709	292	4,862	SH	DFND	1 3 4	1,362	0	3,500
UNION PACIFIC CORP	COM	907818108	309,030	1,907,830	SH	DFND	1 3 4	1,905,944	0	1,886
UNION PACIFIC CORP	COM	907818108	8,306	51,275	SH	DFND	1 4	51,275	0	0
UNIQURE NV	SHS	N90064101	230	5,838	SH	DFND	1 3 4	5,838	0	0
UNISYS CORP	COM NEW	909214306	3,303	444,547	SH	DFND	1 3 4	444,547	0	0
UNIT CORP	COM	909218109	1,481	438,038	SH	DFND	1 3 4	438,038	0	0
UNITED AIRLINES HLDGS INC	COM	910047109	27,403	309,957	SH	DFND	1 3 4	309,957	0	0
UNITED AIRLINES HLDGS INC	COM	910047109	1,605	18,155	SH	DFND	1 4	18,155	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	16,402	433,112	SH	DFND	1 3 4	433,112	0	0
UNITED BANKSHARES INC WEST V	COM	909907107	273	7,205	SH	DFND	1 4	7,205	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	42,631	1,503,733	SH	DFND	1 3 4	1,503,733	0	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	278	9,797	SH	DFND	1 4	9,797	0	0
UNITED FIRE GROUP INC	COM	910340108	7,955	169,329	SH	DFND	1 3 4	169,329	0	0
UNITED INS HLDGS CORP	COM	910710102	2,290	163,669	SH	DFND	1 3 4	163,669	0	0
UNITED NAT FOODS INC	COM	911163103	4,837	419,862	SH	DFND	1 3 4	419,862	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	117,204	978,165	SH	DFND	1 3 4	978,165	0	0
UNITED PARCEL SERVICE INC	CL B	911312106	4,081	34,062	SH	DFND	1 4	34,062	0	0
UNITED RENTALS INC	COM	911363109	13,492	108,245	SH	DFND	1 3 4	108,245	0	0
UNITED RENTALS INC	COM	911363109	441	3,539	SH	DFND	1 4	3,539	0	0
UNITED STATES CELLULAR CORP	COM	911684108	622	16,549	SH	DFND	1 3 4	16,549	0	0
UNITED STATES STL CORP NEW	COM	912909108	8,376	725,235	SH	DFND	1 3 4	725,235	0	0
UNITED STATES STL CORP NEW	COM	912909108	178	15,406	SH	DFND	1 4	15,406	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	2,402	17,591	SH	DFND	1 4	17,591	0	0
UNITED TECHNOLOGIES CORP	COM	913017109	155,370	1,138,075	SH	DFND	1 3 4	1,138,075	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	286	3,592	SH	DFND	1 4	3,592	0	0
UNITED THERAPEUTICS CORP DEL	COM	91307C102	14,854	186,255	SH	DFND	1 3 4	186,255	0	0
UNITEDHEALTH GROUP INC	COM	91324P102	326,148	1,500,771	SH	DFND	1 3 4	1,498,899	0	1,872
UNITEDHEALTH GROUP INC	COM	91324P102	14,720	67,733	SH	DFND	1 4	67,733	0	0
UNITI GROUP INC	COM	91325V108	6,370	820,377	SH	DFND	1 3 4	820,377	0	0
UNITI GROUP INC	COM	91325V108	167	21,456	SH	DFND	1 4	21,456	0	0

UNITIL CORP	COM	913259107	3,295	51,938	SH	DFND	1 3 4	51,858	0	80
UNIVERSAL CORP VA	COM	913456109	10,795	196,955	SH	DFND	1 3 4	196,955	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	30,235	180,080	SH	DFND	1 3 4	180,080	0	0
UNIVERSAL DISPLAY CORP	COM	91347P105	796	4,739	SH	DFND	1 4	4,739	0	0
UNIVERSAL ELECTRS INC	COM	913483103	5,572	109,469	SH	DFND	1 3 4	109,469	0	0
UNIVERSAL FST PRODS INC	COM	913543104	19,386	486,113	SH	DFND	1 3 4	486,113	0	0
UNIVERSAL FST PRODS INC	COM	913543104	439	11,016	SH	DFND	1 4	11,016	0	0
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	10,262	99,826	SH	DFND	1 3 4	99,826	0	0
UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	91359E105	288	2,806	SH	DFND	1 4	2,806	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	1,135	7,633	SH	DFND	1 4	7,633	0	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	67,326	452,610	SH	DFND	1 3 4	449,195	0	3,415
UNIVERSAL INS HLDGS INC	COM	91359V107	7,511	250,440	SH	DFND	1 3 4	250,440	0	0
UNUM GROUP	COM	91529Y106	10,849	365,034	SH	DFND	1 3 4	365,034	0	0
UNUM GROUP	COM	91529Y106	451	15,173	SH	DFND	1 4	15,173	0	0
UPLAND SOFTWARE INC	COM	91544A109	313	8,969	SH	DFND	1 3 4	8,969	0	0
URBAN EDGE PPTYS	COM	91704F104	9,676	488,943	SH	DFND	1 3 4	488,943	0	0
URBAN OUTFITTERS INC	COM	917047102	8,863	315,535	SH	DFND	1 3 4	315,535	0	0
URSTADT BIDDLE PPTYS INC	CL A	917286205	5,588	235,768	SH	DFND	1 3 4	235,768	0	0
US BANCORP DEL	COM NEW	902973304	308,441	5,573,571	SH	DFND	1 3 4	5,564,550	0	9,021
US BANCORP DEL	COM NEW	902973304	1,249	22,575	SH	DFND	1 4	22,575	0	0
US ECOLOGY INC	COM	91732J102	11,140	174,224	SH	DFND	1 3 4	174,224	0	0
US FOODS HLDG CORP	COM	912008109	920	22,385	SH	DFND	1 4	22,385	0	0
USANA HEALTH SCIENCES INC	COM	90328M107	7,471	109,244	SH	DFND	1 3 4	109,244	0	0
V F CORP	COM	918204108	149,592	1,681,003	SH	DFND	1 3 4	1,677,416	0	3,587
V F CORP	COM	918204108	1,891	21,250	SH	DFND	1 4	21,250	0	0
VAIL RESORTS INC	COM	91879Q109	376,064	1,652,593	SH	DFND	1 3 4	1,652,593	0	0
VAIL RESORTS INC	COM	91879Q109	962	4,227	SH	DFND	1 4	4,227	0	0
VALARIS PLC	SHS CLASS A	G9402V109	7,507	1,560,674	SH	DFND	1 3 4	1,560,674	0	0
VALE S A	SPONSORED ADS	91912E105	4,801	417,514	SH	DFND	1 3 4	417,514	0	0
VALERO ENERGY CORP NEW	COM	91913Y100	83,219	976,287	SH	DFND	1 3 4	969,856	0	6,431
VALERO ENERGY CORP NEW	COM	91913Y100	917	10,759	SH	DFND	1 4	10,759	0	0
VALLEY NATL BANCORP	COM	919794107	15,343	1,411,450	SH	DFND	1 3 4	1,411,450	0	0
VALLEY NATL BANCORP	COM	919794107	261	24,023	SH	DFND	1 4	24,023	0	0
VALMONT INDS INC	COM	920253101	12,721	91,887	SH	DFND	1 3 4	91,887	0	0
VALMONT INDS INC	COM	920253101	281	2,029	SH	DFND	1 4	2,029	0	0
VALVOLINE INC	COM	92047W101	17,621	799,845	SH	DFND	1 3 4	799,845	0	0
VALVOLINE INC	COM	92047W101	359	16,313	SH	DFND	1 4	16,313	0	0
VANDA PHARMACEUTICALS INC	COM	921659108	5,580	420,188	SH	DFND	1 3 4	420,188	0	0
VANECK VECTORS ETF TR	HIGH YLD MUN ETF	92189H409	2,443	37,912	SH	DFND	1 3 4	37,912	0	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND	921937827	604	7,476	SH	SOLE		0	0	7,476
VANGUARD BD INDEX FD INC	TOTAL BND MRKT	921937835	513	6,074	SH	SOLE		0	0	6,074
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	5,421	19,885	SH	SOLE		0	0	19,885

VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	1,053	11,289	SH	SOLE		0	0	11,289
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	275	2,133	SH	SOLE		1,143	0	990
VANGUARD INDEX FDS	MID CAP ETF	922908629	928	5,539	SH	DFND	1 3 4	5,539	0	0
VANGUARD INDEX FDS	VALUE ETF	922908744	236	2,110	SH	SOLE		0	0	2,110
VANGUARD INDEX FDS	TOTAL STK MKT	922908769	481	3,186	SH	SOLE		0	0	3,186
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	1,600	39,738	SH	SOLE		0	0	39,738
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF	921943858	5,547	135,020	SH	SOLE		0	0	135,020
VANGUARD WORLD FDS	HEALTH CAR ETF	92204A504	574	3,423	SH	SOLE		0	0	3,423
VAREX IMAGING CORP	COM	92214X106	9,027	316,304	SH	DFND	1 3 4	316,304	0	0
VARIAN MED SYS INC	COM	92220P105	1,365	11,461	SH	DFND	1 4	11,461	0	0
VARIAN MED SYS INC	COM	92220P105	53,791	451,683	SH	DFND	1 3 4	448,255	0	3,428
VARONIS SYS INC	COM	922280102	204	3,409	SH	DFND	1 4	3,409	0	0
VBI VACCINES INC	COM NEW	91822J103	7	14,091	SH	DFND	1 4	14,091	0	0
VECTOR GROUP LTD	COM	92240M108	10,829	909,223	SH	DFND	1 3 4	909,223	0	0
VECTOR GROUP LTD	COM	92240M108	266	22,343	SH	DFND	1 4	22,343	0	0
VEECO INSTRS INC DEL	COM	922417100	4,513	386,402	SH	DFND	1 3 4	386,402	0	0
VEEVA SYS INC	CL A COM	922475108	319	2,086	SH	DFND	1 3 4	2,086	0	0
VEEVA SYS INC	CL A COM	922475108	2,287	14,976	SH	DFND	1 4	14,976	0	0
VENTAS INC	COM	92276F100	2,246	30,753	SH	DFND	1 4	30,753	0	0
VENTAS INC	COM	92276F100	1,957	26,800	SH	DFND	2 3 4	26,800	0	0
VENTAS INC	COM	92276F100	38,173	522,707	SH	DFND	1 3 4	522,707	0	0
VERA BRADLEY INC	COM	92335C106	1,928	190,860	SH	DFND	1 3 4	190,860	0	0
VERACYTE INC	COM	92337F107	519	21,605	SH	DFND	1 3 4	21,605	0	0
VERASTEM INC	COM	92337C104	13	10,982	SH	DFND	1 3 4	10,982	0	0
VEREIT INC	COM	92339V100	950	97,130	SH	DFND	1 4	97,130	0	0
VERICEL CORP	COM	92346J108	531	35,048	SH	DFND	1 3 4	35,048	0	0
VERINT SYS INC	COM	92343X100	511	11,941	SH	DFND	1 4	11,941	0	0
VERINT SYS INC	COM	92343X100	1,030	24,080	SH	DFND	1 3 4	24,080	0	0
VERISIGN INC	COM	92343E102	452,653	2,399,687	SH	DFND	1 3 4	2,399,687	0	0
VERISIGN INC	COM	92343E102	2,435	12,907	SH	DFND	1 4	12,907	0	0
VERISK ANALYTICS INC	COM	92345Y106	452,464	2,861,164	SH	DFND	1 3 4	2,861,164	0	0
VERISK ANALYTICS INC	COM	92345Y106	3,006	19,009	SH	DFND	1 4	19,009	0	0
VERITEX HLDGS INC	COM	923451108	9,318	383,992	SH	DFND	1 3 4	383,992	0	0
VERITIV CORP	COM	923454102	1,814	100,351	SH	DFND	1 3 4	100,351	0	0
VERIZON COMMUNICATIONS INC	COM	92343V104	603,472	9,997,885	SH	DFND	1 3 4	9,988,893	0	8,992
VERIZON COMMUNICATIONS INC	COM	92343V104	5,527	91,560	SH	DFND	1 4	91,560	0	0
VERMILION ENERGY INC	COM	923725105	27,615	1,652,601	SH	DFND	1 3 4	1,632,601	0	20,000
VERMILION ENERGY INC	COM	923725105	5,673	339,536	SH	SOLE		339,536	0	0
VERRA MOBILITY CORP	COM	92511U102	299	20,840	SH	DFND	1 4	20,840	0	0
VERSO CORP	CL A	92531L207	203	16,358	SH	DFND	1 3 4	16,358	0	0
VERSUM MATLS INC	COM	92532W103	24,560	464,004	SH	DFND	1 3 4	464,004	0	0
VERSUM MATLS INC	COM	92532W103	265	5,015	SH	DFND	1 4	5,015	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	61,053	360,363	SH	DFND	1 3 4	360,363	0	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	2,859	16,874	SH	DFND	1 4	16,874	0	0
VIACOM INC NEW	CL B	92553P201	13,093	544,851	SH	DFND	1 3 4	544,851	0	0
VIACOM INC NEW	CL B	92553P201	817	33,989	SH	DFND	1 4	33,989	0	0
VIAD CORP	COM NEW	92552R406	274	4,084	SH	DFND	1 4	4,084	0	0
VIAD CORP	COM NEW	92552R406	10,758	160,208	SH	DFND	1 3 4	160,208	0	0
VIASAT INC	COM	92552V100	18,478	245,323	SH	DFND	1 3 4	245,323	0	0

VIASAT INC	COM	92552V100	368	4,890	SH	DFND	1 4	4,890	0	0
VIAVI SOLUTIONS INC	COM	925550105	25,764	1,839,643	SH	DFND	1 3 4	1,839,643	0	0
VIAVI SOLUTIONS INC	COM	925550105	373	26,661	SH	DFND	1 4	26,661	0	0
VICI PPTYS INC	COM	925652109	204,687	9,036,941	SH	DFND	2 3 4	9,036,941	0	0
VICI PPTYS INC	COM	925652109	738	32,602	SH	DFND	1 4	32,602	0	0
VICI PPTYS INC	COM	925652109	8,135	359,167	SH	DFND	1 3 4	359,167	0	0
VICOR CORP	COM	925815102	4,250	143,965	SH	DFND	1 3 4	143,965	0	0
VIEWRAY INC	COM	92672L107	29	10,069	SH	DFND	1 3 4	10,069	0	0
VIPSHOP HLDGS LTD	SPONSORED ADS A	92763W103	26,767	3,000,766	SH	DFND	1 3 4	3,000,766	0	0
VIRTU FINL INC	CL A	928254101	1,431	87,472	SH	DFND	1 3 4	87,472	0	0
VIRTUS INVT PARTNERS INC	COM	92828Q109	5,693	51,492	SH	DFND	1 3 4	51,492	0	0
VIRTUSA CORP	COM	92827P102	8,898	247,027	SH	DFND	1 3 4	247,027	0	0
VISA INC	COM CL A	92826C839	690,383	4,013,617	SH	DFND	1 3 4	4,007,316	0	6,301
VISA INC	COM CL A	92826C839	22,469	130,625	SH	DFND	1 4	130,625	0	0
VISA INC	COM CL A	92826C839	7,890	45,867	SH	SOLE		45,794	0	73
VISHAY INTERTECHNOLOGY INC	COM	928298108	23,593	1,393,588	SH	DFND	1 3 4	1,393,588	0	0
VISHAY INTERTECHNOLOGY INC	COM	928298108	241	14,230	SH	DFND	1 4	14,230	0	0
VISTA OUTDOOR INC	COM	928377100	2,821	455,772	SH	DFND	1 3 4	455,772	0	0
VISTEON CORP	COM NEW	92839U206	21,504	260,526	SH	DFND	1 3 4	260,526	0	0
VISTRA ENERGY CORP	COM	92840M102	1,255	46,934	SH	DFND	1 4	46,934	0	0
VITAMIN SHOPPE INC	COM	92849E101	792	121,468	SH	DFND	1 3 4	121,468	0	0
VMWARE INC	CL A COM	928563402	887	5,912	SH	DFND	1 4	5,912	0	0
VONAGE HLDGS CORP	COM	92886T201	294	26,045	SH	DFND	1 4	26,045	0	0
VONAGE HLDGS CORP	COM	92886T201	20,283	1,794,928	SH	DFND	1 3 4	1,794,928	0	0
VORNADO RLTY TR	SH BEN INT	929042109	58,469	918,323	SH	DFND	1 3 4	918,323	0	0
VORNADO RLTY TR	SH BEN INT	929042109	775	12,166	SH	DFND	1 4	12,166	0	0
VOYA FINL INC	COM	929089100	614	11,276	SH	DFND	1 4	11,276	0	0
VULCAN MATLS CO	COM	929160109	582,737	3,853,066	SH	DFND	1 3 4	3,853,066	0	0
VULCAN MATLS CO	COM	929160109	2,172	14,358	SH	DFND	1 4	14,358	0	0
W P CAREY INC	COM	92936U109	1,511	16,886	SH	DFND	1 4	16,886	0	0
WABASH NATL CORP	COM	929566107	6,284	433,097	SH	DFND	1 3 4	433,097	0	0
WABCO HLDGS INC	COM	92927K102	807	6,035	SH	DFND	1 4	6,035	0	0
WABTEC CORP	COM	929740108	18,402	256,082	SH	DFND	1 3 4	256,082	0	0
WABTEC CORP	COM	929740108	776	10,799	SH	DFND	1 4	10,799	0	0
WADDELL & REED FINL INC	CL A	930059100	11,756	684,293	SH	DFND	1 3 4	684,293	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	67,638	1,222,884	SH	DFND	1 3 4	1,222,884	0	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	1,029	18,603	SH	DFND	1 4	18,603	0	0
WALKER & DUNLOP INC	COM	93148P102	208	3,726	SH	DFND	1 4	3,726	0	0
WALKER & DUNLOP INC	COM	93148P102	12,686	226,811	SH	DFND	1 3 4	226,811	0	0
WALMART INC	COM	931142103	3,566	30,047	SH	DFND	1 4	30,047	0	0
WALMART INC	COM	931142103	292,936	2,468,281	SH	DFND	1 3 4	2,468,281	0	0
WARRIOR MET COAL INC	COM	93627C101	8,922	457,064	SH	DFND	1 3 4	457,064	0	0
WASHINGTON FED INC	COM	938824109	37,022	1,000,860	SH	DFND	1 3 4	989,100	0	11,760
WASHINGTON FED INC	COM	938824109	219	5,927	SH	DFND	1 4	5,927	0	0
WASHINGTON PRIME GROUP NEW	COM	93964W108	6,093	1,471,668	SH	DFND	1 3 4	1,471,668	0	0
WASHINGTON PRIME GROUP NEW	COM	93964W108	57	13,701	SH	DFND	1 4	13,701	0	0
WASHINGTON REAL ESTATE INVT	SH BEN INT	939653101	17,282	631,647	SH	DFND	1 3 4	631,647	0	0
WASHINGTON TR BANCORP	COM	940610108	48,260	998,969	SH	DFND	1 3 4	998,156	0	813

WASHINGTON TR BANCORP	COM	940610108	357	7,386	SH	SOLE		7,386	0	0
WASTE CONNECTIONS INC	COM	94106B101	21,196	230,392	SH	DFND	1 3 4	219,081	0	11,311
WASTE MGMT INC DEL	COM	94106L109	76,679	666,777	SH	DFND	1 3 4	666,777	0	0
WASTE MGMT INC DEL	COM	94106L109	2,198	19,110	SH	DFND	1 4	19,110	0	0
WATERS CORP	COM	941848103	21,055	94,321	SH	DFND	1 3 4	94,321	0	0
WATERS CORP	COM	941848103	1,605	7,192	SH	DFND	1 4	7,192	0	0
WATSCO INC	COM	942622200	500	2,957	SH	DFND	1 4	2,957	0	0
WATSCO INC	COM	942622200	23,436	138,529	SH	DFND	1 3 4	138,529	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	419	4,471	SH	DFND	1 4	4,471	0	0
WATTS WATER TECHNOLOGIES INC	CL A	942749102	23,655	252,369	SH	DFND	1 3 4	252,369	0	0
WAYFAIR INC	CL A	94419L101	210,866	1,880,721	SH	DFND	1 3 4	1,880,721	0	0
WAYFAIR INC	CL A	94419L101	308	2,746	SH	DFND	1 4	2,746	0	0
WD-40 CO	COM	929236107	20,969	114,250	SH	DFND	1 3 4	114,250	0	0
WD-40 CO	COM	929236107	291	1,587	SH	DFND	1 4	1,587	0	0
WEBSTER FINL CORP CONN	COM	947890109	385	8,214	SH	DFND	1 4	8,214	0	0
WEBSTER FINL CORP CONN	COM	947890109	18,347	391,452	SH	DFND	1 3 4	391,452	0	0
WEC ENERGY GROUP INC	COM	92939U106	165,510	1,740,376	SH	DFND	1 3 4	1,735,217	0	5,159
WEC ENERGY GROUP INC	COM	92939U106	2,610	27,440	SH	DFND	1 4	27,440	0	0
WEIBO CORP	SPONSORED ADR	948596101	439	9,816	SH	DFND	1 3 4	0	0	9,816
WEINGARTEN RLTY INVS	SH BEN INT	948741103	15,035	516,146	SH	DFND	1 3 4	516,146	0	0
WEINGARTEN RLTY INVS	SH BEN INT	948741103	357	12,266	SH	DFND	1 4	12,266	0	0
WELBILT INC	COM	949090104	254	15,047	SH	DFND	1 4	15,047	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	18,808	72,570	SH	DFND	1 3 4	72,570	0	0
WELLCARE HEALTH PLANS INC	COM	94946T106	1,682	6,490	SH	DFND	1 4	6,490	0	0
WELLS FARGO CO NEW	COM	949746101	315,181	6,248,625	SH	DFND	1 3 4	6,248,625	0	0
WELLS FARGO CO NEW	COM	949746101	4,475	88,718	SH	DFND	1 4	88,718	0	0
WELLTOWER INC	COM	95040Q104	81,032	893,901	SH	DFND	1 3 4	893,901	0	0
WELLTOWER INC	COM	95040Q104	2,369	26,134	SH	DFND	1 4	26,134	0	0
WELLTOWER INC	COM	95040Q104	715,120	7,888,799	SH	DFND	2 3 4	7,888,799	0	0
WENDYS CO	COM	95058W100	15,695	785,529	SH	DFND	1 3 4	785,529	0	0
WENDYS CO	COM	95058W100	488	24,411	SH	DFND	1 4	24,411	0	0
WERNER ENTERPRISES INC	COM	950755108	8,819	249,824	SH	DFND	1 3 4	249,824	0	0
WESBANCO INC	COM	950810101	435	11,640	SH	DFND	1 3 4	11,640	0	0
WESBANCO INC	COM	950810101	216	5,784	SH	DFND	1 4	5,784	0	0
WESCO INTL INC	COM	95082P105	2,403	50,311	SH	DFND	1 3 4	50,311	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	44,489	313,699	SH	DFND	1 3 4	313,699	0	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	1,346	9,492	SH	DFND	1 4	9,492	0	0
WESTAMERICA BANCORPORATION	COM	957090103	13,233	212,816	SH	DFND	1 3 4	212,816	0	0
WESTAMERICA BANCORPORATION	COM	957090103	224	3,608	SH	DFND	1 4	3,608	0	0
WESTERN ALLIANCE BANCORP	COM	957638109	452	9,804	SH	DFND	1 4	9,804	0	0
WESTERN DIGITAL CORP	COM	958102105	1,127	18,904	SH	DFND	1 4	18,904	0	0
WESTERN DIGITAL CORP	COM	958102105	28,607	479,663	SH	DFND	1 3 4	479,663	0	0

WESTERN UN CO	COM	959802109	1,280	55,225	SH	DFND	1 4	55,225	0	0
WESTERN UN CO	COM	959802109	13,916	600,617	SH	DFND	1 3 4	600,617	0	0
WESTLAKE CHEM CORP	COM	960413102	850	12,979	SH	DFND	1 3 4	12,979	0	0
WESTLAKE CHEM CORP	COM	960413102	207	3,155	SH	DFND	1 4	3,155	0	0
WESTROCK CO	COM	96145D105	19,101	524,048	SH	DFND	1 3 4	524,048	0	0
WESTROCK CO	COM	96145D105	866	23,747	SH	DFND	1 4	23,747	0	0
WEX INC	COM	96208T104	964	4,773	SH	DFND	1 4	4,773	0	0
WEX INC	COM	96208T104	37,662	186,380	SH	DFND	1 3 4	186,380	0	0
WEYERHAEUSER CO	COM	962166104	76,761	2,771,155	SH	DFND	2 3 4	2,771,155	0	0
WEYERHAEUSER CO	COM	962166104	36,746	1,326,560	SH	DFND	1 3 4	1,326,560	0	0
WEYERHAEUSER CO	COM	962166104	1,330	48,028	SH	DFND	1 4	48,028	0	0
WHIRLPOOL CORP	COM	963320106	14,232	89,873	SH	DFND	1 3 4	89,873	0	0
WHIRLPOOL CORP	COM	963320106	693	4,374	SH	DFND	1 4	4,374	0	0
WHITE MTNS INS GROUP LTD	COM	G9618E107	312	289	SH	DFND	1 4	289	0	0
WHITESTONE REIT	COM	966084204	4,367	317,336	SH	DFND	1 3 4	317,336	0	0
WHITING PETE CORP NEW	COM NEW	966387409	9,648	1,201,483	SH	DFND	1 3 4	1,201,483	0	0
WILEY JOHN & SONS INC	CL A	968223206	40,212	915,153	SH	DFND	1 3 4	914,310	0	843
WILEY JOHN & SONS INC	CL A	968223206	329	7,496	SH	SOLE		7,496	0	0
WILLIAMS COS INC DEL	COM	969457100	40,908	1,700,244	SH	DFND	1 3 4	1,700,244	0	0
WILLIAMS COS INC DEL	COM	969457100	2,446	101,676	SH	DFND	1 4	101,676	0	0
WILLIAMS SONOMA INC	COM	969904101	22,839	335,969	SH	DFND	1 3 4	335,969	0	0
WILLIAMS SONOMA INC	COM	969904101	582	8,561	SH	DFND	1 4	8,561	0	0
WILLIS TOWERS WATSON PUB LTD	SHS	G96629103	34,866	180,682	SH	DFND	1 3 4	180,682	0	0
WILLIS TOWERS WATSON PUB LTD	SHS	G96629103	1,605	8,319	SH	DFND	1 4	8,319	0	0
WINGSTOP INC	COM	974155103	22,048	252,612	SH	DFND	1 3 4	252,612	0	0
WINGSTOP INC	COM	974155103	288	3,297	SH	DFND	1 4	3,297	0	0
WINNEBAGO INDS INC	COM	974637100	268	6,995	SH	DFND	1 4	6,995	0	0
WINNEBAGO INDS INC	COM	974637100	10,495	273,658	SH	DFND	1 3 4	273,658	0	0
WINTRUST FINL CORP	COM	97650W108	15,582	241,100	SH	DFND	1 3 4	241,100	0	0
WINTRUST FINL CORP	COM	97650W108	338	5,232	SH	DFND	1 4	5,232	0	0
WIPRO LTD	SPON ADR 1 SH	97651M109	45	12,272	SH	DFND	1 3 4	12,272	0	0
WISDOMTREE INVTS INC	COM	97717P104	4,858	929,717	SH	DFND	1 3 4	929,717	0	0
WISDOMTREE TR	US HIGH DIVIDEND	97717W208	1,328	17,830	SH	DFND	1 3 4	17,830	0	0
WISDOMTREE TR	ITL HIGH DIV FD	97717W802	2,862	73,359	SH	DFND	1 3 4	73,359	0	0
WIX COM LTD	SHS	M98068105	290,355	2,487,197	SH	DFND	1 3 4	2,487,197	0	0
WNS HOLDINGS LTD	SPON ADR	92932M101	13,539	230,447	SH	DFND	1 3 4	230,447	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	19,883	703,573	SH	DFND	1 3 4	703,573	0	0
WOLVERINE WORLD WIDE INC	COM	978097103	345	12,193	SH	DFND	1 4	12,193	0	0
WOODWARD INC	COM	980745103	25,825	239,500	SH	DFND	1 3 4	239,500	0	0
WOODWARD INC	COM	980745103	790	7,322	SH	DFND	1 4	7,322	0	0
WORKDAY INC	CL A	98138H101	1,318	7,757	SH	DFND	1 4	7,757	0	0
WORKIVA INC	COM CL A	98139A105	302	6,892	SH	DFND	1 4	6,892	0	0
WORLD ACCEP CORP DEL	COM	981419104	6,442	50,518	SH	DFND	1 3 4	50,518	0	0
WORLD FUEL SVCS CORP	COM	981475106	280	7,007	SH	DFND	1 4	7,007	0	0
WORLD FUEL SVCS CORP	COM	981475106	20,812	521,066	SH	DFND	1 3 4	521,066	0	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	26,954	378,830	SH	DFND	1 3 4	378,830	0	0
WORTHINGTON INDS INC	COM	981811102	5,679	157,531	SH	DFND	1 3 4	157,531	0	0

WORTHINGTON INDS INC	COM	981811102	205	5,675	SH	DFND	1 4	5,675	0	0
WPX ENERGY INC	COM	98212B103	19,000	1,794,130	SH	DFND	1 3 4	1,794,130	0	0
WPX ENERGY INC	COM	98212B103	406	38,373	SH	DFND	1 4	38,373	0	0
WRIGHT MED GROUP N V	ORD SHS	N96617118	328	15,923	SH	DFND	1 3 4	15,923	0	0
WRIGHT MED GROUP N V	ORD SHS	N96617118	302	14,624	SH	DFND	1 4	14,624	0	0
WSFS FINL CORP	COM	929328102	1,203	27,285	SH	DFND	1 3 4	27,285	0	0
WSFS FINL CORP	COM	929328102	251	5,685	SH	DFND	1 4	5,685	0	0
WW INTL INC	COM	98262P101	7,459	197,235	SH	DFND	1 3 4	197,235	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	18,028	391,733	SH	DFND	1 3 4	391,733	0	0
WYNDHAM DESTINATIONS INC	COM	98310W108	387	8,401	SH	DFND	1 4	8,401	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	540	10,432	SH	DFND	1 4	10,432	0	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	21,201	409,764	SH	DFND	1 3 4	409,764	0	0
WYNN RESORTS LTD	COM	983134107	14,749	135,663	SH	DFND	1 3 4	135,663	0	0
WYNN RESORTS LTD	COM	983134107	999	9,186	SH	DFND	1 4	9,186	0	0
XCEL ENERGY INC	COM	98389B100	197,108	3,037,576	SH	DFND	1 3 4	3,032,455	0	5,121
XCEL ENERGY INC	COM	98389B100	3,210	49,466	SH	DFND	1 4	49,466	0	0
XENCOR INC	COM	98401F105	13,399	397,256	SH	DFND	1 3 4	397,256	0	0
XENCOR INC	COM	98401F105	243	7,209	SH	DFND	1 4	7,209	0	0
XENIA HOTELS & RESORTS INC	COM	984017103	18,764	888,442	SH	DFND	1 3 4	888,442	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	528	17,640	SH	DFND	1 4	17,640	0	0
XEROX HOLDINGS CORP	COM NEW	98421M106	9,267	309,847	SH	DFND	1 3 4	309,847	0	0
XILINX INC	COM	983919101	2,888	30,112	SH	DFND	1 4	30,112	0	0
XILINX INC	COM	983919101	34,157	356,173	SH	DFND	1 3 4	356,173	0	0
XPERI CORP	COM	98421B100	8,855	428,204	SH	DFND	1 3 4	428,204	0	0
XPO LOGISTICS INC	COM	983793100	28,023	391,542	SH	DFND	1 3 4	391,542	0	0
XYLEM INC	COM	98419M100	33,904	425,827	SH	DFND	1 3 4	425,827	0	0
XYLEM INC	COM	98419M100	1,507	18,928	SH	DFND	1 4	18,928	0	0
YELP INC	CL A	985817105	443	12,753	SH	DFND	1 4	12,753	0	0
YELP INC	CL A	985817105	9,540	274,541	SH	DFND	1 3 4	274,541	0	0
YETI HLDGS INC	COM	98585X104	608	21,703	SH	DFND	1 3 4	21,703	0	0
YEXT INC	COM	98585N106	171	10,761	SH	DFND	1 4	10,761	0	0
YORK WTR CO	COM	987184108	599	13,729	SH	DFND	1 3 4	13,729	0	0
YUM BRANDS INC	COM	988498101	83,426	735,487	SH	DFND	1 3 4	735,487	0	0
YUM BRANDS INC	COM	988498101	2,600	22,924	SH	DFND	1 4	22,924	0	0
YUM BRANDS INC	COM	988498101	1,287	11,342	SH	SOLE		11,342	0	0
YUM CHINA HLDGS INC	COM	98850P109	10,968	241,421	SH	DFND	1 3 4	241,421	0	0
YUM CHINA HLDGS INC	COM	98850P109	1,746	38,437	SH	DFND	1 4	38,437	0	0
YY INC	SPONSORED ADS A	98426T106	749	13,314	SH	DFND	1 3 4	13,314	0	0
ZAYO GROUP HLDGS INC	COM	98919V105	774	22,834	SH	DFND	1 4	22,834	0	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	47,633	230,814	SH	DFND	1 3 4	230,814	0	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	1,215	5,886	SH	DFND	1 4	5,886	0	0
ZENDESK INC	COM	98936J101	464	6,369	SH	DFND	1 3 4	6,369	0	0
ZENDESK INC	COM	98936J101	273	3,749	SH	DFND	1 4	3,749	0	0
ZIMMER BIOMET HLDGS INC	COM	98956P102	39,477	287,586	SH	DFND	1 3 4	287,586	0	0
ZIMMER BIOMET HLDGS INC	COM	98956P102	1,816	13,230	SH	DFND	1 4	13,230	0	0
ZIONS BANCORPORATION N A	COM	989701107	815	18,301	SH	DFND	1 4	18,301	0	0

ZIONS BANCORPORATION N A	COM	989701107	13,484	302,881	SH	DFND	1 3 4	302,881	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	84	19,622	SH	DFND	1 3 4	19,622	0	0
ZIOPHARM ONCOLOGY INC	COM	98973P101	105	24,485	SH	DFND	1 4	24,485	0	0
ZIX CORP	COM	98974P100	179	24,776	SH	DFND	1 3 4	24,776	0	0
ZOETIS INC	CL A	98978V103	83,657	671,456	SH	DFND	1 3 4	671,456	0	0
ZOETIS INC	CL A	98978V103	2,906	23,324	SH	DFND	1 4	23,324	0	0
ZOGENIX INC	COM NEW	98978L204	263	6,562	SH	DFND	1 3 4	6,562	0	0
ZSCALER INC	COM	98980G102	389	8,223	SH	DFND	1 4	8,223	0	0
ZUMIEZ INC	COM	989817101	5,600	176,790	SH	DFND	1 3 4	176,790	0	0
ZYNGA INC	CL A	98986T108	480	82,538	SH	DFND	1 4	82,538	0	0