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: 06-30-2019

Check here if Amendment [X] Amendment Number: 1

This Amendment (Check only one.): [ ] is a restatement.

[X] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: PRUDENTIAL FINANCIAL INC

Address: 751 BROAD ST

NEWARK, NJ 07102

Form 13F File Number: 028-10077

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: Richard Baker

Title: Second Vice President

Phone: 973-802-6691

Signature, Place, and Date of Signing:

/s/ Richard Baker	Newark, NJ	08-05-2021
[Signature]	[City, State]	[Date]

This amended filing reflects a revised listing of 13F securities which takes into account 13F securities for Pruco Securities, LLC. The inclusion of Pruco Securities, LLCs 13F securities increased the reporting threshold for certain 13F securities held by QMA LLC, which previously reported an accurate list of reportable 13F securities.

Report Type (Check only one.):

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

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

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

Form 13F Summary Page

Report Summary:

Number of Other Included Managers:	2
Form 13F Information Table Entry Total:	1,238
Form 13F Information Table Value Total:	287,985
	(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
14	028-11173	QMA LLC
28	028-21192	PRUCO SECURITIES, LLC.

The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.
The reader should not assume that the information is accurate and complete.

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FORM 13F INFORMATION TABLE

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
			VALUE	SHRS OR	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	(x$1000)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
ADT INC	COM	00090Q103	3	492	SH		DFND	28	0	492	0
AFLAC INC	COM	001055102	38	698	SH		DFND	28	0	698	0
AGNC INVT CORP	COM	00123Q104	12	720	SH		DFND	28	0	720	0
AES CORP	COM	00130H105	234	13,962	SH		DFND	28	0	13,962	0
ALPS ETF TR	ALERIAN MLP	00162Q866	243	24,632	SH		DFND	28	0	24,632	0
AMC NETWORKS INC	CL A	00164V103	0	7	SH		DFND	28	0	7	0
AMN HEALTHCARE SERVICES INC	COM	001744101	54	997	SH		DFND	28	0	997	0
AT&T INC	COM	00206R102	358	10,678	SH		DFND	28	0	10,678	0
ABBOTT LABS	COM	002824100	393	4,668	SH		DFND	28	0	4,668	0
ABBVIE INC	COM	00287Y109	486	6,687	SH		DFND	28	0	6,687	0
ABIOMED INC	COM	003654100	32	122	SH		DFND	28	0	122	0
ACADIA HEALTHCARE COMPANY IN	COM	00404A109	109	3,111	SH		DFND	28	0	3,111	0
ACADIA RLTY TR	COM SH BEN INT	004239109	1	37	SH		DFND	28	0	37	0
ACTIVISION BLIZZARD INC	COM	00507V109	70	1,490	SH		DFND	28	0	1,490	0
ACUITY BRANDS INC	COM	00508Y102	67	482	SH		DFND	28	0	482	0
ADOBE INC	COM	00724F101	1,123	3,812	SH		DFND	28	0	3,812	0
ADVANCE AUTO PARTS INC	COM	00751Y106	215	1,397	SH		DFND	28	0	1,397	0
ADVANSIX INC	COM	00773T101	0	3	SH		DFND	28	0	3	0
AEROJET ROCKETDYNE HLDGS INC	COM	007800105	29	648	SH		DFND	28	0	648	0
ADVANCED MICRO DEVICES INC	COM	007903107	3	111	SH		DFND	28	0	111	0
ADVANCED ENERGY INDS	COM	007973100	59	1,041	SH		DFND	28	0	1,041	0
AFFILIATED MANAGERS GROUP IN	COM	008252108	1	14	SH		DFND	28	0	14	0
AGILENT TECHNOLOGIES INC	COM	00846U101	379	5,069	SH		DFND	28	0	5,069	0
AGREE REALTY CORP	COM	008492100	19	294	SH		DFND	28	0	294	0
AIR LEASE CORP	CL A	00912X302	66	1,589	SH		DFND	28	0	1,589	0
AIR PRODS & CHEMS INC	COM	009158106	13	56	SH		DFND	28	0	56	0
AKAMAI TECHNOLOGIES INC	COM	00971T101	711	8,873	SH		DFND	28	0	8,873	0
ALARM COM HLDGS INC	COM	011642105	16	296	SH		DFND	28	0	296	0
ALASKA AIR GROUP INC	COM	011659109	6	95	SH		DFND	28	0	95	0
ALBANY INTL CORP	CL A	012348108	9	112	SH		DFND	28	0	112	0
ALBEMARLE CORP	COM	012653101	65	925	SH		DFND	28	0	925	0
ALEXANDRIA REAL ESTATE EQ IN	COM	015271109	116	824	SH		DFND	28	0	824	0

ALEXION PHARMACEUTICALS INC	COM	015351109	322	2,458	SH		DFND	28	0	2,458	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS	01609W102	507	2,994	SH		DFND	28	0	2,994	0
ALIGN TECHNOLOGY INC	COM	016255101	84	307	SH		DFND	28	0	307	0
ALLEGHENY TECHNOLOGIES INC	COM	01741R102	102	4,057	SH		DFND	28	0	4,057	0
ALLIANCE DATA SYSTEMS CORP	COM	018581108	2	14	SH		DFND	28	0	14	0
ALLISON TRANSMISSION HLDGS I	COM	01973R101	203	4,389	SH		DFND	28	0	4,389	0
ALLSTATE CORP	COM	020002101	107	1,052	SH		DFND	28	0	1,052	0
ALPHABET INC	CAP STK CL C	02079K107	1,508	1,395	SH		DFND	28	0	1,395	0
ALPHABET INC	CAP STK CL A	02079K305	583	538	SH		DFND	28	0	538	0
ALTAIR ENGR INC	COM CL A	021369103	14	344	SH		DFND	28	0	344	0
ALTICE USA INC	CL A	02156K103	7	287	SH		DFND	28	0	287	0
ALTRA INDL MOTION CORP	COM	02208R106	2	62	SH		DFND	28	0	62	0
ALTRIA GROUP INC	COM	02209S103	151	3,196	SH		DFND	28	0	3,196	0
AMAZON COM INC	COM	023135106	2,361	1,247	SH		DFND	28	0	1,247	0
AMBEV SA	SPONSORED ADR	02319V103	263	56,321	SH		DFND	28	0	56,321	0
AMEDISYS INC	COM	023436108	5	44	SH		DFND	28	0	44	0
AMERCO	COM	023586100	2	5	SH		DFND	28	0	5	0
AMEREN CORP	COM	023608102	30	402	SH		DFND	28	0	402	0
AMERICAN CAMPUS CMNTYS INC	COM	024835100	208	4,515	SH		DFND	28	0	4,515	0
AMERICAN ELEC PWR CO INC	COM	025537101	52	588	SH		DFND	28	0	588	0
AMERICAN EQTY INVT LIFE HLD	COM	025676206	65	2,392	SH		DFND	28	0	2,392	0
AMERICAN EXPRESS CO	COM	025816109	325	2,636	SH		DFND	28	0	2,636	0
AMERICAN HOMES 4 RENT	CL A	02665T306	1	39	SH		DFND	28	0	39	0
AMERICAN INTL GROUP INC	COM NEW	026874784	391	7,348	SH		DFND	28	0	7,348	0
AMERICAN STS WTR CO	COM	029899101	79	1,050	SH		DFND	28	0	1,050	0
AMERICAN TOWER CORP NEW	COM	03027X100	605	2,960	SH		DFND	28	0	2,960	0
AMERICAN WTR WKS CO INC NEW	COM	030420103	13	112	SH		DFND	28	0	112	0
AMERICAN WOODMARK CORPORATIO	COM	030506109	26	310	SH		DFND	28	0	310	0
AMERICOLD RLTY TR	COM	03064D108	184	5,674	SH		DFND	28	0	5,674	0
AMERISAFE INC	COM	03071H100	49	770	SH		DFND	28	0	770	0
AMERISOURCEBERGEN CORP	COM	03073E105	78	919	SH		DFND	28	0	919	0
AMERIPRISE FINL INC	COM	03076C106	110	757	SH		DFND	28	0	757	0
AMETEK INC NEW	COM	031100100	438	4,826	SH		DFND	28	0	4,826	0
AMGEN INC	COM	031162100	444	2,411	SH		DFND	28	0	2,411	0
AMICUS THERAPEUTICS INC	COM	03152W109	4	300	SH		DFND	28	0	300	0
AMNEAL PHARMACEUTICALS INC	COM STK CL A	03168L105	0	14	SH		DFND	28	0	14	0
AMPHENOL CORP NEW	CL A	032095101	551	5,748	SH		DFND	28	0	5,748	0
ANADARKO PETE CORP	COM	032511107	7	103	SH		DFND	28	0	103	0
ANALOG DEVICES INC	COM	032654105	9	82	SH		DFND	28	0	82	0
ANGIODYNAMICS INC	COM	03475V101	15	753	SH		DFND	28	0	753	0
ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR	03524A108	255	2,886	SH		DFND	28	0	2,886	0
ANIKA THERAPEUTICS INC	COM	035255108	2	56	SH		DFND	28	0	56	0
ANIXTER INTL INC	COM	035290105	19	319	SH		DFND	28	0	319	0
ANSYS INC	COM	03662Q105	357	1,743	SH		DFND	28	0	1,743	0
ANTHEM INC	COM	036752103	537	1,902	SH		DFND	28	0	1,902	0

ANTERO MIDSTREAM CORP	COM	03676B102	60	5,274	SH	DFND	28	0	5,274	0
APACHE CORP	COM	037411105	11	396	SH	DFND	28	0	396	0
APARTMENT INVT & MGMT CO	CL A	03748R754	1	13	SH	DFND	28	0	13	0
APERGY CORP	COM	03755L104	70	2,100	SH	DFND	28	0	2,100	0
APPLE INC	COM	037833100	1,403	7,088	SH	DFND	28	0	7,088	0
APPLIED INDL TECHNOLOGIES IN	COM	03820C105	205	3,329	SH	DFND	28	0	3,329	0
APPLIED MATLS INC	COM	038222105	158	3,514	SH	DFND	28	0	3,514	0
APTARGROUP INC	COM	038336103	119	958	SH	DFND	28	0	958	0
AQUA AMERICA INC	COM	03836W103	0	10	SH	DFND	28	0	10	0
ARAMARK	COM	03852U106	2	55	SH	DFND	28	0	55	0
ARCHER DANIELS MIDLAND CO	COM	039483102	1	16	SH	DFND	28	0	16	0
ARCOSA INC	COM	039653100	0	10	SH	DFND	28	0	10	0
ARCONIC INC	COM	03965L100	324	12,561	SH	DFND	28	0	12,561	0
ARENA PHARMACEUTICALS INC	COM NEW	040047607	7	114	SH	DFND	28	0	114	0
ARISTA NETWORKS INC	COM	040413106	41	158	SH	DFND	28	0	158	0
ARQULE INC	COM	04269E107	6	590	SH	DFND	28	0	590	0
ARROW ELECTRS INC	COM	042735100	25	356	SH	DFND	28	0	356	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	42	1,521	SH	DFND	28	0	1,521	0
ASPEN TECHNOLOGY INC	COM	045327103	138	1,108	SH	DFND	28	0	1,108	0
ATLANTIC UN BANKSHARES CORP	COM	04911A107	108	3,065	SH	DFND	28	0	3,065	0
ATMOS ENERGY CORP	COM	049560105	63	597	SH	DFND	28	0	597	0
AUTODESK INC	COM	052769106	699	4,291	SH	DFND	28	0	4,291	0
AUTOMATIC DATA PROCESSING IN	COM	053015103	462	2,792	SH	DFND	28	0	2,792	0
AUTOZONE INC	COM	053332102	18	16	SH	DFND	28	0	16	0
AVALONBAY CMNTYS INC	COM	053484101	6	29	SH	DFND	28	0	29	0
AVANOS MED INC	COM	05350V106	1	26	SH	DFND	28	0	26	0
AVANGRID INC	COM	05351W103	6	119	SH	DFND	28	0	119	0
AVERY DENNISON CORP	COM	053611109	223	1,925	SH	DFND	28	0	1,925	0
AVISTA CORP	COM	05379B107	15	332	SH	DFND	28	0	332	0
AVNET INC	COM	053807103	56	1,236	SH	DFND	28	0	1,236	0
AVON PRODS INC	COM	054303102	5	1,300	SH	DFND	28	0	1,300	0
AXON ENTERPRISE INC	COM	05464C101	0	3	SH	DFND	28	0	3	0
BB&T CORP	COM	054937107	39	795	SH	DFND	28	0	795	0
BGC PARTNERS INC	CL A	05541T101	26	5,000	SH	DFND	28	0	5,000	0
BOK FINL CORP	COM NEW	05561Q201	167	2,210	SH	DFND	28	0	2,210	0
BP PLC	SPONSORED ADR	055622104	444	10,650	SH	DFND	28	0	10,650	0
BWX TECHNOLOGIES INC	COM	05605H100	322	6,177	SH	DFND	28	0	6,177	0
BADGER METER INC	COM	056525108	126	2,103	SH	DFND	28	0	2,103	0
BAIDU INC	SPON ADR REP A	056752108	301	2,565	SH	DFND	28	0	2,565	0
BAKER HUGHES A GE CO	CL A	05722G100	9	363	SH	DFND	28	0	363	0
BALCHEM CORP	COM	057665200	26	261	SH	DFND	28	0	261	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	05946K101	424	76,242	SH	DFND	28	0	76,242	0
BANK AMER CORP	COM	060505104	565	19,466	SH	DFND	28	0	19,466	0
BANK HAWAII CORP	COM	062540109	41	491	SH	DFND	28	0	491	0
BANK NEW YORK MELLON CORP	COM	064058100	13	285	SH	DFND	28	0	285	0
BANK OZK	COM	06417N103	65	2,163	SH	DFND	28	0	2,163	0

BANKUNITED INC	COM	06652K103	0	5	SH	DFND	28	0	5	0
BARNES GROUP INC	COM	067806109	42	738	SH	DFND	28	0	738	0
BAXTER INTL INC	COM	071813109	671	8,198	SH	DFND	28	0	8,198	0
BECTON DICKINSON & CO	COM	075887109	114	453	SH	DFND	28	0	453	0
BENCHMARK ELECTRS INC	COM	08160H101	16	643	SH	DFND	28	0	643	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW	084670702	88	415	SH	DFND	28	0	415	0
BERRY GLOBAL GROUP INC	COM	08579W103	126	2,393	SH	DFND	28	0	2,393	0
BEST BUY INC	COM	086516101	1	18	SH	DFND	28	0	18	0
BIG LOTS INC	COM	089302103	15	524	SH	DFND	28	0	524	0
BIO RAD LABS INC	CL A	090572207	224	718	SH	DFND	28	0	718	0
BIOMARIN PHARMACEUTICAL INC	COM	09061G101	160	1,866	SH	DFND	28	0	1,866	0
BIOGEN INC	COM	09062X103	24	103	SH	DFND	28	0	103	0
BIOTELEMETRY INC	COM	090672106	2	36	SH	DFND	28	0	36	0
BJS RESTAURANTS INC	COM	09180C106	98	2,225	SH	DFND	28	0	2,225	0
BLACK HILLS CORP	COM	092113109	18	226	SH	DFND	28	0	226	0
BLACK KNIGHT INC	COM	09215C105	123	2,050	SH	DFND	28	0	2,050	0
BLACKBAUD INC	COM	09227Q100	32	384	SH	DFND	28	0	384	0
BLACKLINE INC	COM	09239B109	2	41	SH	DFND	28	0	41	0
BLACKROCK INC	COM	09247X101	275	586	SH	DFND	28	0	586	0
BLACKSTONE MTG TR INC	COM CL A	09257W100	10	270	SH	DFND	28	0	270	0
BLOOMIN BRANDS INC	COM	094235108	71	3,746	SH	DFND	28	0	3,746	0
BLUEBIRD BIO INC	COM	09609G100	8	66	SH	DFND	28	0	66	0
BLUEPRINT MEDICINES CORP	COM	09627Y109	21	222	SH	DFND	28	0	222	0
BOEING CO	COM	097023105	155	426	SH	DFND	28	0	426	0
BOOKING HLDGS INC	COM	09857L108	501	267	SH	DFND	28	0	267	0
BOOZ ALLEN HAMILTON HLDG COR	CL A	099502106	281	4,242	SH	DFND	28	0	4,242	0
BORGWARNER INC	COM	099724106	115	2,747	SH	DFND	28	0	2,747	0
BOSTON PROPERTIES INC	COM	101121101	34	265	SH	DFND	28	0	265	0
BOSTON SCIENTIFIC CORP	COM	101137107	79	1,839	SH	DFND	28	0	1,839	0
BOX INC	CL A	10316T104	5	265	SH	DFND	28	0	265	0
BRANDYWINE RLTY TR	SH BEN INT NEW	105368203	0	20	SH	DFND	28	0	20	0
BRIGHT HORIZONS FAM SOL IN D	COM	109194100	15	98	SH	DFND	28	0	98	0
BRINKS CO	COM	109696104	28	347	SH	DFND	28	0	347	0
BRISTOL MYERS SQUIBB CO	COM	110122108	275	6,072	SH	DFND	28	0	6,072	0
BRIXMOR PPTY GROUP INC	COM	11120U105	9	516	SH	DFND	28	0	516	0
BROADRIDGE FINL SOLUTIONS IN	COM	11133T103	142	1,111	SH	DFND	28	0	1,111	0
BROADCOM INC	COM	11135F101	109	377	SH	DFND	28	0	377	0
BROOKS AUTOMATION INC	COM	114340102	6	147	SH	DFND	28	0	147	0
BROWN FORMAN CORP	CL B	115637209	258	4,648	SH	DFND	28	0	4,648	0
BUILDERS FIRSTSOURCE INC	COM	12008R107	12	696	SH	DFND	28	0	696	0
BURLINGTON STORES INC	COM	122017106	301	1,771	SH	DFND	28	0	1,771	0
CBS CORP NEW	CL B	124857202	5	94	SH	DFND	28	0	94	0
CBOE GLOBAL MARKETS INC	COM	12503M108	16	155	SH	DFND	28	0	155	0
CBRE GROUP INC	CL A	12504L109	499	9,719	SH	DFND	28	0	9,719	0
CDK GLOBAL INC	COM	12508E101	3	69	SH	DFND	28	0	69	0
CDW CORP	COM	12514G108	382	3,440	SH	DFND	28	0	3,440	0
CF INDS HLDGS INC	COM	125269100	22	472	SH	DFND	28	0	472	0

C H ROBINSON WORLDWIDE INC	COM NEW	12541W209	70	827	SH	DFND	28	0	827	0
CIGNA CORP NEW	COM	125523100	69	436	SH	DFND	28	0	436	0
CME GROUP INC	COM	12572Q105	96	496	SH	DFND	28	0	496	0
CMS ENERGY CORP	COM	125896100	17	289	SH	DFND	28	0	289	0
CSX CORP	COM	126408103	506	6,536	SH	DFND	28	0	6,536	0
CTS CORP	COM	126501105	13	472	SH	DFND	28	0	472	0
CVB FINL CORP	COM	126600105	13	635	SH	DFND	28	0	635	0
CVS HEALTH CORP	COM	126650100	63	1,162	SH	DFND	28	0	1,162	0
CABLE ONE INC	COM	12685J105	115	98	SH	DFND	28	0	98	0
CABOT CORP	COM	127055101	31	646	SH	DFND	28	0	646	0
CABOT OIL & GAS CORP	COM	127097103	3	150	SH	DFND	28	0	150	0
CABOT MICROELECTRONICS CORP	COM	12709P103	158	1,435	SH	DFND	28	0	1,435	0
CACI INTL INC	CL A	127190304	78	381	SH	DFND	28	0	381	0
CADENCE DESIGN SYSTEM INC	COM	127387108	1	9	SH	DFND	28	0	9	0
CADENCE BANCORPORATION	CL A	12739A100	2	106	SH	DFND	28	0	106	0
CAESARS ENTMT CORP	COM	127686103	1	76	SH	DFND	28	0	76	0
CALAMP CORP	COM	128126109	11	947	SH	DFND	28	0	947	0
CALAVO GROWERS INC	COM	128246105	90	932	SH	DFND	28	0	932	0
CALLON PETE CO DEL	COM	13123X102	72	10,894	SH	DFND	28	0	10,894	0
CAMBREX CORP	COM	132011107	22	464	SH	DFND	28	0	464	0
CAMDEN PPTY TR	SH BEN INT	133131102	0	4	SH	DFND	28	0	4	0
CANADIAN NATL RY CO	COM	136375102	535	5,785	SH	DFND	28	0	5,785	0
CANADIAN PAC RY LTD	COM	13645T100	306	1,302	SH	DFND	28	0	1,302	0
CANTEL MEDICAL CORP	COM	138098108	67	828	SH	DFND	28	0	828	0
CAPITAL ONE FINL CORP	COM	14040H105	10	107	SH	DFND	28	0	107	0
CAREDX INC	COM	14167L103	15	421	SH	DFND	28	0	421	0
CARLISLE COS INC	COM	142339100	1	6	SH	DFND	28	0	6	0
CARMAX INC	COM	143130102	342	3,942	SH	DFND	28	0	3,942	0
CARNIVAL CORP	UNIT 99/99/9999	143658300	34	722	SH	DFND	28	0	722	0
CARPENTER TECHNOLOGY CORP	COM	144285103	21	429	SH	DFND	28	0	429	0
CARRIZO OIL & GAS INC	COM	144577103	13	1,264	SH	DFND	28	0	1,264	0
CARTERS INC	COM	146229109	123	1,257	SH	DFND	28	0	1,257	0
CASEYS GEN STORES INC	COM	147528103	405	2,598	SH	DFND	28	0	2,598	0
CATALENT INC	COM	148806102	216	3,982	SH	DFND	28	0	3,982	0
CATERPILLAR INC DEL	COM	149123101	178	1,304	SH	DFND	28	0	1,304	0
CAVCO INDS INC DEL	COM	149568107	144	911	SH	DFND	28	0	911	0
CELANESE CORP DEL	COM	150870103	9	87	SH	DFND	28	0	87	0
CELGENE CORP	COM	151020104	53	570	SH	DFND	28	0	570	0
CENTENE CORP DEL	COM	15135B101	426	8,128	SH	DFND	28	0	8,128	0
CENTENNIAL RESOURCE DEV INC	CL A	15136A102	1	176	SH	DFND	28	0	176	0
CENTERPOINT ENERGY INC	COM	15189T107	189	6,614	SH	DFND	28	0	6,614	0
CENTURYLINK INC	COM	156700106	123	10,468	SH	DFND	28	0	10,468	0
CERNER CORP	COM	156782104	21	293	SH	DFND	28	0	293	0
CHANGYOU COM LTD	ADS REP CL A	15911M107	0	51	SH	DFND	28	0	51	0
CHARLES RIV LABS INTL INC	COM	159864107	112	786	SH	DFND	28	0	786	0
CHART INDS INC	COM PAR $0.01	16115Q308	62	803	SH	DFND	28	0	803	0
CHARTER COMMUNICATIONS INC N	CL A	16119P108	9	23	SH	DFND	28	0	23	0

CHEESECAKE FACTORY INC	COM	163072101	26	588	SH	DFND	28	0	588	0
CHEGG INC	COM	163092109	12	307	SH	DFND	28	0	307	0
CHEMED CORP NEW	COM	16359R103	133	367	SH	DFND	28	0	367	0
CHEMICAL FINL CORP	COM	163731102	68	1,651	SH	DFND	28	0	1,651	0
CHEMOURS CO	COM	163851108	2	101	SH	DFND	28	0	101	0
CHEVRON CORP NEW	COM	166764100	930	7,473	SH	DFND	28	0	7,473	0
CHIPOTLE MEXICAN GRILL INC	COM	169656105	459	626	SH	DFND	28	0	626	0
CHURCH & DWIGHT INC	COM	171340102	39	532	SH	DFND	28	0	532	0
CIMAREX ENERGY CO	COM	171798101	35	588	SH	DFND	28	0	588	0
CINEMARK HOLDINGS INC	COM	17243V102	17	465	SH	DFND	28	0	465	0
CISCO SYS INC	COM	17275R102	1,053	19,241	SH	DFND	28	0	19,241	0
CINTAS CORP	COM	172908105	447	1,885	SH	DFND	28	0	1,885	0
CITIGROUP INC	COM NEW	172967424	362	5,166	SH	DFND	28	0	5,166	0
CITIZENS FINL GROUP INC	COM	174610105	399	11,275	SH	DFND	28	0	11,275	0
CITRIX SYS INC	COM	177376100	0	3	SH	DFND	28	0	3	0
CLEAN HARBORS INC	COM	184496107	8	110	SH	DFND	28	0	110	0
CLEVELAND CLIFFS INC	COM	185899101	37	3,500	SH	DFND	28	0	3,500	0
CLOROX CO DEL	COM	189054109	7	47	SH	DFND	28	0	47	0
COCA COLA CO	COM	191216100	343	6,730	SH	DFND	28	0	6,730	0
COGENT COMMUNICATIONS HLDGS	COM NEW	19239V302	76	1,273	SH	DFND	28	0	1,273	0
COGNEX CORP	COM	192422103	319	6,651	SH	DFND	28	0	6,651	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A	192446102	34	532	SH	DFND	28	0	532	0
COHERENT INC	COM	192479103	44	326	SH	DFND	28	0	326	0
COHEN & STEERS INC	COM	19247A100	95	1,846	SH	DFND	28	0	1,846	0
COLGATE PALMOLIVE CO	COM	194162103	71	997	SH	DFND	28	0	997	0
COLUMBIA BKG SYS INC	COM	197236102	38	1,059	SH	DFND	28	0	1,059	0
COMFORT SYS USA INC	COM	199908104	70	1,365	SH	DFND	28	0	1,365	0
COMCAST CORP NEW	CL A	20030N101	925	21,877	SH	DFND	28	0	21,877	0
COMERICA INC	COM	200340107	7	91	SH	DFND	28	0	91	0
COMMVAULT SYSTEMS INC	COM	204166102	11	219	SH	DFND	28	0	219	0
CONCHO RES INC	COM	20605P101	1	6	SH	DFND	28	0	6	0
CONOCOPHILLIPS	COM	20825C104	610	10,008	SH	DFND	28	0	10,008	0
CONSOLIDATED EDISON INC	COM	209115104	15	171	SH	DFND	28	0	171	0
CONSTELLATION BRANDS INC	CL A	21036P108	17	84	SH	DFND	28	0	84	0
CONTINENTAL RESOURCES INC	COM	212015101	97	2,308	SH	DFND	28	0	2,308	0
COOPER COS INC	COM NEW	216648402	146	433	SH	DFND	28	0	433	0
COPART INC	COM	217204106	23	306	SH	DFND	28	0	306	0
CORE MARK HOLDING CO INC	COM	218681104	88	2,205	SH	DFND	28	0	2,205	0
CORESITE RLTY CORP	COM	21870Q105	119	1,031	SH	DFND	28	0	1,031	0
CORELOGIC INC	COM	21871D103	2	41	SH	DFND	28	0	41	0
CORNERSTONE ONDEMAND INC	COM	21925Y103	45	782	SH	DFND	28	0	782	0
CORNING INC	COM	219350105	51	1,539	SH	DFND	28	0	1,539	0
CORPORATE OFFICE PPTYS TR	SH BEN INT	22002T108	3	102	SH	DFND	28	0	102	0
CORTEVA INC	COM	22052L104	105	3,541	SH	DFND	28	0	3,541	0
COSTCO WHSL CORP NEW	COM	22160K105	1,119	4,233	SH	DFND	28	0	4,233	0
COSTAR GROUP INC	COM	22160N109	71	128	SH	DFND	28	0	128	0
COVETRUS INC	COM	22304C100	1	44	SH	DFND	28	0	44	0
CREE INC	COM	225447101	2	28	SH	DFND	28	0	28	0

CROWN CASTLE INTL CORP NEW	COM	22822V101	175	1,340	SH	DFND	28	0	1,340	0
CROWN HOLDINGS INC	COM	228368106	4	66	SH	DFND	28	0	66	0
CUBESMART	COM	229663109	15	435	SH	DFND	28	0	435	0
CUMMINS INC	COM	231021106	812	4,739	SH	DFND	28	0	4,739	0
CYPRESS SEMICONDUCTOR CORP	COM	232806109	2	107	SH	DFND	28	0	107	0
CYRUSONE INC	COM	23283R100	62	1,082	SH	DFND	28	0	1,082	0
DMC GLOBAL INC	COM	23291C103	2	29	SH	DFND	28	0	29	0
D R HORTON INC	COM	23331A109	228	5,294	SH	DFND	28	0	5,294	0
DTE ENERGY CO	COM	233331107	17	135	SH	DFND	28	0	135	0
DXC TECHNOLOGY CO	COM	23355L106	8	140	SH	DFND	28	0	140	0
DANAHER CORPORATION	COM	235851102	639	4,469	SH	DFND	28	0	4,469	0
DARDEN RESTAURANTS INC	COM	237194105	212	1,744	SH	DFND	28	0	1,744	0
DARLING INGREDIENTS INC	COM	237266101	43	2,160	SH	DFND	28	0	2,160	0
DAVE & BUSTERS ENTMT INC	COM	238337109	4	95	SH	DFND	28	0	95	0
DECKERS OUTDOOR CORP	COM	243537107	1	8	SH	DFND	28	0	8	0
DEERE & CO	COM	244199105	11	68	SH	DFND	28	0	68	0
DELEK US HLDGS INC NEW	COM	24665A103	59	1,456	SH	DFND	28	0	1,456	0
DELL TECHNOLOGIES INC	CL C	24703L202	0	3	SH	DFND	28	0	3	0
DELTA AIR LINES INC DEL	COM NEW	247361702	38	676	SH	DFND	28	0	676	0
DENNYS CORP	COM	24869P104	36	1,733	SH	DFND	28	0	1,733	0
DENTSPLY SIRONA INC	COM	24906P109	64	1,092	SH	DFND	28	0	1,092	0
DEVON ENERGY CORP NEW	COM	25179M103	2	74	SH	DFND	28	0	74	0
DEXCOM INC	COM	252131107	479	3,199	SH	DFND	28	0	3,199	0
DIAGEO P L C	SPON ADR NEW	25243Q205	347	2,015	SH	DFND	28	0	2,015	0
DIAMONDBACK ENERGY INC	COM	25278X109	49	454	SH	DFND	28	0	454	0
DIGITAL RLTY TR INC	COM	253868103	14	117	SH	DFND	28	0	117	0
DIODES INC	COM	254543101	23	643	SH	DFND	28	0	643	0
DISNEY WALT CO	COM DISNEY	254687106	646	4,626	SH	DFND	28	0	4,626	0
DISCOVER FINL SVCS	COM	254709108	20	256	SH	DFND	28	0	256	0
DISCOVERY INC	COM SER A	25470F104	3	102	SH	DFND	28	0	102	0
DISH NETWORK CORP	CL A	25470M109	3	70	SH	DFND	28	0	70	0
DOLBY LABORATORIES INC	COM CL A	25659T107	1	13	SH	DFND	28	0	13	0
DOLLAR GEN CORP NEW	COM	256677105	45	336	SH	DFND	28	0	336	0
DOLLAR TREE INC	COM	256746108	16	152	SH	DFND	28	0	152	0
DOMINION ENERGY INC	COM	25746U109	341	4,416	SH	DFND	28	0	4,416	0
DOMINOS PIZZA INC	COM	25754A201	39	142	SH	DFND	28	0	142	0
DORMAN PRODUCTS INC	COM	258278100	213	2,442	SH	DFND	28	0	2,442	0
DOUGLAS EMMETT INC	COM	25960P109	1	27	SH	DFND	28	0	27	0
DOVER CORP	COM	260003108	112	1,118	SH	DFND	28	0	1,118	0
DOW INC	COM	260557103	145	2,944	SH	DFND	28	0	2,944	0
DRIL QUIP INC	COM	262037104	35	734	SH	DFND	28	0	734	0
DUKE ENERGY CORP NEW	COM NEW	26441C204	182	2,062	SH	DFND	28	0	2,062	0
DUPONT DE NEMOURS INC	COM	26614N102	159	2,122	SH	DFND	28	0	2,122	0
DYCOM INDS INC	COM	267475101	13	223	SH	DFND	28	0	223	0
EOG RES INC	COM	26875P101	23	242	SH	DFND	28	0	242	0
EQT CORP	COM	26884L109	1	51	SH	DFND	28	0	51	0
EAGLE BANCORP INC MD	COM	268948106	1	11	SH	DFND	28	0	11	0
E TRADE FINANCIAL CORP	COM NEW	269246401	11	249	SH	DFND	28	0	249	0

EAGLE MATERIALS INC	COM	26969P108	140	1,513	SH	DFND	28	0	1,513	0
EAGLE PHARMACEUTICALS INC	COM	269796108	21	382	SH	DFND	28	0	382	0
EAST WEST BANCORP INC	COM	27579R104	17	370	SH	DFND	28	0	370	0
EASTERLY GOVT PPTYS INC	COM	27616P103	139	7,653	SH	DFND	28	0	7,653	0
EASTGROUP PPTY INC	COM	277276101	53	456	SH	DFND	28	0	456	0
EASTMAN CHEMICAL CO	COM	277432100	111	1,430	SH	DFND	28	0	1,430	0
EATON VANCE CORP	COM NON VTG	278265103	88	2,049	SH	DFND	28	0	2,049	0
EBAY INC	COM	278642103	67	1,695	SH	DFND	28	0	1,695	0
ECOLAB INC	COM	278865100	470	2,382	SH	DFND	28	0	2,382	0
EDISON INTL	COM	281020107	12	184	SH	DFND	28	0	184	0
EDWARDS LIFESCIENCES CORP	COM	28176E108	487	2,635	SH	DFND	28	0	2,635	0
EL PASO ELEC CO	COM NEW	283677854	22	344	SH	DFND	28	0	344	0
ELANCO ANIMAL HEALTH INC	COM	28414H103	0	10	SH	DFND	28	0	10	0
ELECTRONIC ARTS INC	COM	285512109	435	4,295	SH	DFND	28	0	4,295	0
EMCOR GROUP INC	COM	29084Q100	372	4,226	SH	DFND	28	0	4,226	0
EMERGENT BIOSOLUTIONS INC	COM	29089Q105	14	291	SH	DFND	28	0	291	0
EMERSON ELEC CO	COM	291011104	4	62	SH	DFND	28	0	62	0
EMPIRE ST RLTY TR INC	CL A	292104106	9	632	SH	DFND	28	0	632	0
ENCOMPASS HEALTH CORP	COM	29261A100	100	1,584	SH	DFND	28	0	1,584	0
ENERSYS	COM	29275Y102	6	84	SH	DFND	28	0	84	0
ENPRO INDS INC	COM	29355X107	7	104	SH	DFND	28	0	104	0
ENSIGN GROUP INC	COM	29358P101	129	2,266	SH	DFND	28	0	2,266	0
ENTEGRIS INC	COM	29362U104	187	5,024	SH	DFND	28	0	5,024	0
ENTERGY CORP NEW	COM	29364G103	9	89	SH	DFND	28	0	89	0
ENTERPRISE FINL SVCS CORP	COM	293712105	1	22	SH	DFND	28	0	22	0
ENVESTNET INC	COM	29404K106	99	1,449	SH	DFND	28	0	1,449	0
EPAM SYS INC	COM	29414B104	153	884	SH	DFND	28	0	884	0
EQUIFAX INC	COM	294429105	22	164	SH	DFND	28	0	164	0
EQUINIX INC	COM	29444U700	280	556	SH	DFND	28	0	556	0
EQUITY LIFESTYLE PPTYS INC	COM	29472R108	0	4	SH	DFND	28	0	4	0
EQUITY RESIDENTIAL	SH BEN INT	29476L107	11	142	SH	DFND	28	0	142	0
ESCO TECHNOLOGIES INC	COM	296315104	42	508	SH	DFND	28	0	508	0
ESSEX PPTY TR INC	COM	297178105	42	143	SH	DFND	28	0	143	0
ETSY INC	COM	29786A106	27	440	SH	DFND	28	0	440	0
EURONET WORLDWIDE INC	COM	298736109	15	90	SH	DFND	28	0	90	0
EVERCORE INC	CLASS A	29977A105	347	3,923	SH	DFND	28	0	3,923	0
EVERBRIDGE INC	COM	29978A104	25	277	SH	DFND	28	0	277	0
EVERGY INC	COM	30034W106	15	256	SH	DFND	28	0	256	0
EVERSOURCE ENERGY	COM	30040W108	47	615	SH	DFND	28	0	615	0
EVOLENT HEALTH INC	CL A	30050B101	1	169	SH	DFND	28	0	169	0
EXACT SCIENCES CORP	COM	30063P105	76	643	SH	DFND	28	0	643	0
EXELON CORP	COM	30161N101	1	13	SH	DFND	28	0	13	0
EXELIXIS INC	COM	30161Q104	4	180	SH	DFND	28	0	180	0
EXLSERVICE HOLDINGS INC	COM	302081104	29	437	SH	DFND	28	0	437	0
EXPEDIA GROUP INC	COM NEW	30212P303	38	282	SH	DFND	28	0	282	0
EXPONENT INC	COM	30214U102	417	7,131	SH	DFND	28	0	7,131	0
EXTRA SPACE STORAGE INC	COM	30225T102	3	33	SH	DFND	28	0	33	0
EXXON MOBIL CORP	COM	30231G102	512	6,677	SH	DFND	28	0	6,677	0
FLIR SYS INC	COM	302445101	75	1,382	SH	DFND	28	0	1,382	0

F M C CORP	COM NEW	302491303	20	238	SH	DFND	28	0	238	0
FNB CORP PA	COM	302520101	13	1,073	SH	DFND	28	0	1,073	0
FACEBOOK INC	CL A	30303M102	1,082	5,606	SH	DFND	28	0	5,606	0
FACTSET RESH SYS INC	COM	303075105	57	198	SH	DFND	28	0	198	0
FASTENAL CO	COM	311900104	20	626	SH	DFND	28	0	626	0
FEDERAL AGRIC MTG CORP	CL C	313148306	63	867	SH	DFND	28	0	867	0
FEDERAL REALTY INVT TR	SH BEN INT NEW	313747206	4	29	SH	DFND	28	0	29	0
FEDEX CORP	COM	31428X106	14	87	SH	DFND	28	0	87	0
FIDELITY	MSCI HLTH CARE I	316092600	553	12,279	SH	DFND	28	0	12,279	0
FIDELITY	MSCI INDL INDX	316092709	349	8,789	SH	DFND	28	0	8,789	0
FIDELITY NATL INFORMATION SV	COM	31620M106	383	3,121	SH	DFND	28	0	3,121	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	31620R303	99	2,457	SH	DFND	28	0	2,457	0
FIFTH THIRD BANCORP	COM	316773100	1	39	SH	DFND	28	0	39	0
FIREEYE INC	COM	31816Q101	0	22	SH	DFND	28	0	22	0
FIRST AMERN FINL CORP	COM	31847R102	4	77	SH	DFND	28	0	77	0
FIRST FINL BANCORP OH	COM	320209109	13	519	SH	DFND	28	0	519	0
FIRST FINL BANKSHARES	COM	32020R109	115	3,740	SH	DFND	28	0	3,740	0
FIRST HAWAIIAN INC	COM	32051X108	1	24	SH	DFND	28	0	24	0
FIRST INDUSTRIAL REALTY TRUS	COM	32054K103	18	486	SH	DFND	28	0	486	0
FIRST MERCHANTS CORP	COM	320817109	3	84	SH	DFND	28	0	84	0
FIRST MIDWEST BANCORP DEL	COM	320867104	11	526	SH	DFND	28	0	526	0
FIRST REP BK SAN FRANCISCO C	COM	33616C100	160	1,635	SH	DFND	28	0	1,635	0
FIRST SOLAR INC	COM	336433107	6	85	SH	DFND	28	0	85	0
FIRST TR EXCHANGE TRADED FD	CAP STRENGTH ETF	33733E104	513	9,093	SH	DFND	28	0	9,093	0
FIRST TR EXCHANGE TRADED FD	RISNG DIVD ACHIV	33738R506	202	6,505	SH	DFND	28	0	6,505	0
FIRST TR EXCHANGE TRADED FD	DORSEY WRT 5 ETF	33738R605	1,336	43,925	SH	DFND	28	0	43,925	0
FIRSTCASH INC	COM	33767D105	143	1,426	SH	DFND	28	0	1,426	0
FISERV INC	COM	337738108	58	631	SH	DFND	28	0	631	0
FIRSTENERGY CORP	COM	337932107	5	120	SH	DFND	28	0	120	0
FIVE BELOW INC	COM	33829M101	260	2,166	SH	DFND	28	0	2,166	0
FIVE9 INC	COM	338307101	7	143	SH	DFND	28	0	143	0
FLEETCOR TECHNOLOGIES INC	COM	339041105	249	886	SH	DFND	28	0	886	0
FLUOR CORP NEW	COM	343412102	4	109	SH	DFND	28	0	109	0
FLOWSERVE CORP	COM	34354P105	11	205	SH	DFND	28	0	205	0
FOMENTO ECONOMICO MEXICANO S	SPON ADR UNITS	344419106	284	2,938	SH	DFND	28	0	2,938	0
FOOT LOCKER INC	COM	344849104	5	110	SH	DFND	28	0	110	0
FORD MTR CO DEL	COM	345370860	276	26,998	SH	DFND	28	0	26,998	0
FORMFACTOR INC	COM	346375108	2	149	SH	DFND	28	0	149	0
FORTINET INC	COM	34959E109	234	3,046	SH	DFND	28	0	3,046	0
FORTIVE CORP	COM	34959J108	458	5,613	SH	DFND	28	0	5,613	0
FORTUNE BRANDS HOME & SEC IN	COM	34964C106	39	687	SH	DFND	28	0	687	0
FORWARD AIR CORP	COM	349853101	30	504	SH	DFND	28	0	504	0
FOUR CORNERS PPTY TR INC	COM	35086T109	0	14	SH	DFND	28	0	14	0
FOX CORP	CL A COM	35137L105	32	886	SH	DFND	28	0	886	0
FOX CORP	CL B COM	35137L204	2	68	SH	DFND	28	0	68	0
FOX FACTORY HLDG CORP	COM	35138V102	19	230	SH	DFND	28	0	230	0

FRANKLIN ELEC INC	COM	353514102	42	886	SH	DFND	28	0	886	0
FRANKLIN RES INC	COM	354613101	242	6,950	SH	DFND	28	0	6,950	0
FREEPORT-MCMORAN INC	CL B	35671D857	52	4,499	SH	DFND	28	0	4,499	0
FRONTIER COMMUNICATIONS CORP	COM NEW	35906A306	0	16	SH	DFND	28	0	16	0
GATX CORP	COM	361448103	97	1,222	SH	DFND	28	0	1,222	0
GEO GROUP INC NEW	COM	36162J106	8	376	SH	DFND	28	0	376	0
G-III APPAREL GROUP LTD	COM	36237H101	17	563	SH	DFND	28	0	563	0
GALLAGHER ARTHUR J & CO	COM	363576109	26	299	SH	DFND	28	0	299	0
GAMING & LEISURE PPTYS INC	COM	36467J108	0	9	SH	DFND	28	0	9	0
GARDNER DENVER HLDGS INC	COM	36555P107	195	5,626	SH	DFND	28	0	5,626	0
GARRETT MOTION INC	COM	366505105	0	13	SH	DFND	28	0	13	0
GARTNER INC	COM	366651107	210	1,302	SH	DFND	28	0	1,302	0
GENERAC HLDGS INC	COM	368736104	28	399	SH	DFND	28	0	399	0
GENERAL DYNAMICS CORP	COM	369550108	164	903	SH	DFND	28	0	903	0
GENERAL ELECTRIC CO	COM	369604103	1	108	SH	DFND	28	0	108	0
GENERAL MLS INC	COM	370334104	352	6,698	SH	DFND	28	0	6,698	0
GENERAL MTRS CO	COM	37045V100	80	2,088	SH	DFND	28	0	2,088	0
GENESCO INC	COM	371532102	13	310	SH	DFND	28	0	310	0
GENTEX CORP	COM	371901109	2	67	SH	DFND	28	0	67	0
GENOMIC HEALTH INC	COM	37244C101	29	506	SH	DFND	28	0	506	0
GENUINE PARTS CO	COM	372460105	13	124	SH	DFND	28	0	124	0
GILEAD SCIENCES INC	COM	375558103	217	3,213	SH	DFND	28	0	3,213	0
GLACIER BANCORP INC NEW	COM	37637Q105	118	2,914	SH	DFND	28	0	2,914	0
GLATFELTER	COM	377316104	28	1,672	SH	DFND	28	0	1,672	0
GLOBAL BLOOD THERAPEUTICS IN	COM	37890U108	4	75	SH	DFND	28	0	75	0
GLOBAL PMTS INC	COM	37940X102	324	2,024	SH	DFND	28	0	2,024	0
GLOBUS MED INC	CL A	379577208	81	1,912	SH	DFND	28	0	1,912	0
GODADDY INC	CL A	380237107	137	1,955	SH	DFND	28	0	1,955	0
GOLDMAN SACHS GROUP INC	COM	38141G104	47	232	SH	DFND	28	0	232	0
GRACO INC	COM	384109104	369	7,345	SH	DFND	28	0	7,345	0
GRAINGER W W INC	COM	384802104	276	1,028	SH	DFND	28	0	1,028	0
GRAND CANYON ED INC	COM	38526M106	134	1,145	SH	DFND	28	0	1,145	0
GRANITE CONSTR INC	COM	387328107	31	638	SH	DFND	28	0	638	0
GRANITESHARES GOLD TR	SHS BEN INT	38748G101	954	67,816	SH	DFND	28	0	67,816	0
GRAPHIC PACKAGING HLDG CO	COM	388689101	2	143	SH	DFND	28	0	143	0
GREAT WESTN BANCORP INC	COM	391416104	23	649	SH	DFND	28	0	649	0
GREEN DOT CORP	CL A	39304D102	11	226	SH	DFND	28	0	226	0
GRIFOLS S A	SP ADR REP B NVT	398438408	201	9,544	SH	DFND	28	0	9,544	0
GRUBHUB INC	COM	400110102	137	1,763	SH	DFND	28	0	1,763	0
GUIDEWIRE SOFTWARE INC	COM	40171V100	30	296	SH	DFND	28	0	296	0
HCA HEALTHCARE INC	COM	40412C101	3	20	SH	DFND	28	0	20	0
HCP INC	COM	40414L109	14	452	SH	DFND	28	0	452	0
HDFC BANK LTD	SPONSORED ADS	40415F101	645	4,961	SH	DFND	28	0	4,961	0
HD SUPPLY HLDGS INC	COM	40416M105	5	135	SH	DFND	28	0	135	0
HFF INC	CL A	40418F108	8	177	SH	DFND	28	0	177	0
HSBC HLDGS PLC	SPON ADR NEW	404280406	241	5,774	SH	DFND	28	0	5,774	0
HP INC	COM	40434L105	156	7,493	SH	DFND	28	0	7,493	0
HAEMONETICS CORP	COM	405024100	7	56	SH	DFND	28	0	56	0

HAIN CELESTIAL GROUP INC	COM	405217100	1	28	SH	DFND	28	0	28	0
HALLIBURTON CO	COM	406216101	11	504	SH	DFND	28	0	504	0
HANESBRANDS INC	COM	410345102	3	162	SH	DFND	28	0	162	0
HANNON ARMSTRONG SUST INFR C	COM	41068X100	1	38	SH	DFND	28	0	38	0
HANOVER INS GROUP INC	COM	410867105	6	50	SH	DFND	28	0	50	0
HARRIS CORP DEL	COM	413875105	17	89	SH	DFND	28	0	89	0
HARSCO CORP	COM	415864107	24	877	SH	DFND	28	0	877	0
HARTFORD FINL SVCS GROUP INC	COM	416515104	15	262	SH	DFND	28	0	262	0
HASBRO INC	COM	418056107	17	161	SH	DFND	28	0	161	0
HEALTHCARE SVCS GRP INC	COM	421906108	50	1,653	SH	DFND	28	0	1,653	0
HEALTHCARE RLTY TR	COM	421946104	13	419	SH	DFND	28	0	419	0
HEALTHEQUITY INC	COM	42226A107	13	201	SH	DFND	28	0	201	0
HEARTLAND EXPRESS INC	COM	422347104	1	47	SH	DFND	28	0	47	0
HEARTLAND FINL USA INC	COM	42234Q102	9	196	SH	DFND	28	0	196	0
HEICO CORP NEW	COM	422806109	9	66	SH	DFND	28	0	66	0
HELMERICH & PAYNE INC	COM	423452101	173	3,423	SH	DFND	28	0	3,423	0
HENRY JACK & ASSOC INC	COM	426281101	75	557	SH	DFND	28	0	557	0
HERSHEY CO	COM	427866108	16	119	SH	DFND	28	0	119	0
HESS CORP	COM	42809H107	25	395	SH	DFND	28	0	395	0
HEWLETT PACKARD ENTERPRISE C	COM	42824C109	2	136	SH	DFND	28	0	136	0
HEXCEL CORP NEW	COM	428291108	311	3,848	SH	DFND	28	0	3,848	0
HILL ROM HLDGS INC	COM	431475102	1	9	SH	DFND	28	0	9	0
HILTON WORLDWIDE HLDGS INC	COM	43300A203	297	3,039	SH	DFND	28	0	3,039	0
HOLOGIC INC	COM	436440101	1	30	SH	DFND	28	0	30	0
HOME BANCSHARES INC	COM	436893200	71	3,685	SH	DFND	28	0	3,685	0
HOME DEPOT INC	COM	437076102	935	4,494	SH	DFND	28	0	4,494	0
HONEYWELL INTL INC	COM	438516106	536	3,071	SH	DFND	28	0	3,071	0
HOPE BANCORP INC	COM	43940T109	18	1,299	SH	DFND	28	0	1,299	0
HORACE MANN EDUCATORS CORP N	COM	440327104	2	56	SH	DFND	28	0	56	0
HORMEL FOODS CORP	COM	440452100	6	142	SH	DFND	28	0	142	0
HOST HOTELS & RESORTS INC	COM	44107P104	235	12,896	SH	DFND	28	0	12,896	0
HOULIHAN LOKEY INC	CL A	441593100	72	1,608	SH	DFND	28	0	1,608	0
HUB GROUP INC	CL A	443320106	14	339	SH	DFND	28	0	339	0
HUBBELL INC	COM	443510607	0	1	SH	DFND	28	0	1	0
HUBSPOT INC	COM	443573100	7	42	SH	DFND	28	0	42	0
HUDSON PAC PPTYS INC	COM	444097109	1	42	SH	DFND	28	0	42	0
HUMANA INC	COM	444859102	38	144	SH	DFND	28	0	144	0
HUNT J B TRANS SVCS INC	COM	445658107	9	99	SH	DFND	28	0	99	0
HUNTINGTON BANCSHARES INC	COM	446150104	87	6,269	SH	DFND	28	0	6,269	0
HUNTINGTON INGALLS INDS INC	COM	446413106	158	703	SH	DFND	28	0	703	0
HUNTSMAN CORP	COM	447011107	192	9,405	SH	DFND	28	0	9,405	0
IAC INTERACTIVECORP	COM	44919P508	42	192	SH	DFND	28	0	192	0
IAA INC	COM	449253103	13	330	SH	DFND	28	0	330	0
ICU MED INC	COM	44930G107	207	823	SH	DFND	28	0	823	0
IPG PHOTONICS CORP	COM	44980X109	76	495	SH	DFND	28	0	495	0
ITT INC	COM	45073V108	38	582	SH	DFND	28	0	582	0
IBERIABANK CORP	COM	450828108	5	69	SH	DFND	28	0	69	0

ICICI BK LTD	ADR	45104G104	391	31,049	SH	DFND	28	0	31,049	0
IDACORP INC	COM	451107106	32	320	SH	DFND	28	0	320	0
IDEX CORP	COM	45167R104	10	57	SH	DFND	28	0	57	0
IDEXX LABS INC	COM	45168D104	56	204	SH	DFND	28	0	204	0
ILLINOIS TOOL WKS INC	COM	452308109	5	33	SH	DFND	28	0	33	0
ILLUMINA INC	COM	452327109	156	425	SH	DFND	28	0	425	0
IMMUNOGEN INC	COM	45253H101	0	166	SH	DFND	28	0	166	0
INDEPENDENT BK GROUP INC	COM	45384B106	24	435	SH	DFND	28	0	435	0
INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	456237106	0	20	SH	DFND	28	0	20	0
INGEVITY CORP	COM	45688C107	12	114	SH	DFND	28	0	114	0
INGREDION INC	COM	457187102	2	20	SH	DFND	28	0	20	0
INSMED INC	COM PAR $.01	457669307	6	247	SH	DFND	28	0	247	0
INNOPHOS HOLDINGS INC	COM	45774N108	3	90	SH	DFND	28	0	90	0
INSPERITY INC	COM	45778Q107	25	206	SH	DFND	28	0	206	0
INSULET CORP	COM	45784P101	86	723	SH	DFND	28	0	723	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW	457985208	33	582	SH	DFND	28	0	582	0
INTEL CORP	COM	458140100	630	13,163	SH	DFND	28	0	13,163	0
INTERFACE INC	COM	458665304	17	1,118	SH	DFND	28	0	1,118	0
INTERCONTINENTAL EXCHANGE IN	COM	45866F104	208	2,424	SH	DFND	28	0	2,424	0
INTERNATIONAL BUSINESS MACHS	COM	459200101	143	1,038	SH	DFND	28	0	1,038	0
INTERNATIONAL FLAVORS&FRAGRA	COM	459506101	32	218	SH	DFND	28	0	218	0
INTL PAPER CO	COM	460146103	1	17	SH	DFND	28	0	17	0
INTERPUBLIC GROUP COS INC	COM	460690100	2	68	SH	DFND	28	0	68	0
INVESCO QQQ TR	UNIT SER 1	46090E103	1,576	8,440	SH	DFND	28	0	8,440	0
INTUIT	COM	461202103	1,029	3,939	SH	DFND	28	0	3,939	0
INTUITIVE SURGICAL INC	COM NEW	46120E602	627	1,195	SH	DFND	28	0	1,195	0
INVESCO EXCHANGE TRADED FD T	S&P500 EQL HLT	46137V332	204	1,006	SH	DFND	28	0	1,006	0
INVESCO EXCHNG TRADED FD TR	S&P MIDCP LOW	46138E198	829	16,165	SH	DFND	28	0	16,165	0
INVESCO EXCHNG TRADED FD TR	S&P500 LOW VOL	46138E354	203	3,692	SH	DFND	28	0	3,692	0
INVESCO EXCHNG TRADED FD TR	PFD ETF	46138E511	8	577	SH	DFND	28	0	577	0
INVESCO EXCHNG TRADED FD TR	EMRNG MKT SVRG	46138E784	272	9,378	SH	DFND	28	0	9,378	0
INVESCO EXCHNG TRADED FD TR	DWA EMERG MKTS	46138E867	642	36,195	SH	DFND	28	0	36,195	0
INVITATION HOMES INC	COM	46187W107	2	78	SH	DFND	28	0	78	0
IONIS PHARMACEUTICALS INC	COM	462222100	8	125	SH	DFND	28	0	125	0
IQVIA HLDGS INC	COM	46266C105	11	70	SH	DFND	28	0	70	0
IRON MTN INC NEW	COM	46284V101	4	133	SH	DFND	28	0	133	0
ISHARES INC	EM HGHYL BD ETF	464286285	288	6,023	SH	DFND	28	0	6,023	0
ISHARES INC	MIN VOL GBL ETF	464286525	2,040	22,148	SH	DFND	28	0	22,148	0
ISHARES INC	MIN VOL EMRG MKT	464286533	532	9,047	SH	DFND	28	0	9,047	0
ISHARES TR	CORE S&P TTL STK	464287150	3,544	53,182	SH	DFND	28	0	53,182	0
ISHARES TR	SELECT DIVID ETF	464287168	820	8,236	SH	DFND	28	0	8,236	0
ISHARES TR	TIPS BD ETF	464287176	1,033	8,943	SH	DFND	28	0	8,943	0
ISHARES TR	CORE S&P500 ETF	464287200	6,671	22,632	SH	DFND	28	0	22,632	0

ISHARES TR	CORE US AGGBD ET	464287226	8,271	74,275	SH		DFND	28	0	74,275	0
ISHARES TR	MSCI EMG MKT ETF	464287234	2,482	57,835	SH		DFND	28	0	57,835	0
ISHARES TR	IBOXX INV CP ETF	464287242	3,038	24,426	SH		DFND	28	0	24,426	0
ISHARES TR	GLOBAL TECH ETF	464287291	1,317	7,337	SH		DFND	28	0	7,337	0
ISHARES TR	S&P 500 GRWT ETF	464287309	489	2,728	SH		DFND	28	0	2,728	0
ISHARES TR	GLOB HLTHCRE ETF	464287325	929	15,056	SH		DFND	28	0	15,056	0
ISHARES TR	S&P 500 VAL ETF	464287408	1,315	11,281	SH		DFND	28	0	11,281	0
ISHARES TR	20 YR TR BD ETF	464287432	292	2,199	SH		DFND	28	0	2,199	0
ISHARES TR	BARCLAYS 7 10 YR	464287440	125	1,134	SH		DFND	28	0	1,134	0
ISHARES TR	1 3 YR TREAS BD	464287457	3,128	36,899	SH		DFND	28	0	36,899	0
ISHARES TR	MSCI EAFE ETF	464287465	2,542	38,669	SH		DFND	28	0	38,669	0
ISHARES TR	RUS MDCP VAL ETF	464287473	227	2,552	SH		DFND	28	0	2,552	0
ISHARES TR	RUS MD CP GR ETF	464287481	1,223	8,575	SH		DFND	28	0	8,575	0
ISHARES TR	RUS MID CAP ETF	464287499	1,900	34,016	SH		DFND	28	0	34,016	0
ISHARES TR	CORE S&P MCP ETF	464287507	1,053	5,420	SH		DFND	28	0	5,420	0
ISHARES TR	EXPANDED TECH	464287515	458	2,097	SH		DFND	28	0	2,097	0
ISHARES TR	RUS 1000 VAL ETF	464287598	1,184	9,308	SH		DFND	28	0	9,308	0
ISHARES TR	RUS 1000 GRW ETF	464287614	1,894	12,040	SH		DFND	28	0	12,040	0
ISHARES TR	RUS 1000 ETF	464287622	3,626	22,277	SH		DFND	28	0	22,277	0
ISHARES TR	RUS 2000 VAL ETF	464287630	493	4,087	SH		DFND	28	0	4,087	0
ISHARES TR	RUS 2000 GRW ETF	464287648	907	4,514	SH		DFND	28	0	4,514	0
ISHARES TR	RUSSELL 2000 ETF	464287655	957	6,156	SH		DFND	28	0	6,156	0
ISHARES TR	RUSSELL 3000 ETF	464287689	713	4,137	SH		DFND	28	0	4,137	0
ISHARES TR	U.S. UTILITS ETF	464287697	415	2,751	SH		DFND	28	0	2,751	0
ISHARES TR	U.S. REAL ES ETF	464287739	339	3,888	SH		DFND	28	0	3,888	0
ISHARES TR	US HLTHCARE ETF	464287762	401	2,053	SH		DFND	28	0	2,053	0
ISHARES TR	U.S. FINLS ETF	464287788	315	2,505	SH		DFND	28	0	2,505	0
ISHARES TR	CORE S&P SCP ETF	464287804	1,766	22,563	SH		DFND	28	0	22,563	0
ISHARES TR	SP SMCP600VL ETF	464287879	802	5,398	SH		DFND	28	0	5,398	0
ISHARES TR	INTL TREA BD ETF	464288117	1,869	36,758	SH		DFND	28	0	36,758	0
ISHARES TR	SHRT NAT MUN ETF	464288158	3,206	30,091	SH		DFND	28	0	30,091	0
ISHARES TR	MSCI ACWI EX US	464288240	1,871	40,004	SH		DFND	28	0	40,004	0
ISHARES TR	MSCI ACWI ETF	464288257	41	558	SH		DFND	28	0	558	0
ISHARES TR	EAFE SML CP ETF	464288273	658	11,458	SH		DFND	28	0	11,458	0
ISHARES TR	JPMORGAN USD EMG	464288281	1,130	9,971	SH		DFND	28	0	9,971	0
ISHARES TR	NATIONAL MUN ETF	464288414	4,902	43,345	SH		DFND	28	0	43,345	0
ISHARES TR	IBOXX HI YD ETF	464288513	2,144	24,588	SH		DFND	28	0	24,588	0
ISHARES TR	MBS ETF	464288588	1,030	9,572	SH		DFND	28	0	9,572	0
ISHARES TR	INTRM GOV CR ETF	464288612	233	2,075	SH		DFND	28	0	2,075	0
ISHARES TR	INTRM TR CRP ETF	464288638	2,217	38,934	SH		DFND	28	0	38,934	0
ISHARES TR	SH TR CRPORT ETF	464288646	2,395	44,822	SH		DFND	28	0	44,822	0
ISHARES TR	3 7 YR TREAS BD	464288661	168	1,335	SH		DFND	28	0	1,335	0
ISHARES TR	SHORT TREAS BD	464288679	824	7,446	SH		DFND	28	0	7,446	0
ISHARES TR	PFD AND INCM SEC	464288687	1,215	32,971	SH		DFND	28	0	32,971	0
ISHARES TR	US AER DEF ETF	464288760	346	1,614	SH		DFND	28	0	1,614	0

ISHARES TR	U.S. MED DVC ETF	464288810	313	1,299	SH	DFND	28	0	1,299	0
ISHARES TR	EAFE VALUE ETF	464288877	266	5,524	SH	DFND	28	0	5,524	0
ISHARES TR	EAFE GRWTH ETF	464288885	242	2,997	SH	DFND	28	0	2,997	0
ISHARES TR	US TREAS BD ETF	46429B267	2,739	106,102	SH	DFND	28	0	106,102	0
ISHARES TR	FLTG RATE NT ETF	46429B655	1,356	26,624	SH	DFND	28	0	26,624	0
ISHARES TR	CORE HIGH DV ETF	46429B663	347	3,677	SH	DFND	28	0	3,677	0
ISHARES TR	MIN VOL EAFE ETF	46429B689	556	7,648	SH	DFND	28	0	7,648	0
ISHARES TR	MIN VOL USA ETF	46429B697	2,455	39,776	SH	DFND	28	0	39,776	0
ISHARES US ETF TR	SHT MAT BD ETF	46431W507	6,104	121,280	SH	DFND	28	0	121,280	0
ISHARES TR	USA QUALITY FCTR	46432F339	5,297	57,913	SH	DFND	28	0	57,913	0
ISHARES TR	USA MOMENTUM FCT	46432F396	2,659	22,417	SH	DFND	28	0	22,417	0
ISHARES TR	CORE MSCI TOTAL	46432F834	206	3,505	SH	DFND	28	0	3,505	0
ISHARES TR	CORE MSCI EAFE	46432F842	4,995	81,360	SH	DFND	28	0	81,360	0
ISHARES INC	CORE MSCI EMKT	46434G103	3,786	73,608	SH	DFND	28	0	73,608	0
ISHARES TR	EXPONENTIAL TECH	46434V381	933	24,188	SH	DFND	28	0	24,188	0
ISHARES TR	CORE TOTAL USD	46434V613	842	16,296	SH	DFND	28	0	16,296	0
ISHARES TR	CORE DIV GRWTH	46434V621	322	8,427	SH	DFND	28	0	8,427	0
ISHARES TR	MSCI UK ETF NEW	46435G334	10	323	SH	DFND	28	0	323	0
ITAU UNIBANCO HLDG SA	SPON ADR REP PFD	465562106	322	34,232	SH	DFND	28	0	34,232	0
J & J SNACK FOODS CORP	COM	466032109	69	428	SH	DFND	28	0	428	0
JPMORGAN CHASE & CO	COM	46625H100	1,069	9,560	SH	DFND	28	0	9,560	0
JPMORGAN CHASE & CO	ALERIAN ML ETN	46625H365	687	27,368	SH	DFND	28	0	27,368	0
JABIL INC	COM	466313103	307	9,702	SH	DFND	28	0	9,702	0
JD COM INC	SPON ADR CL A	47215P106	3	86	SH	DFND	28	0	86	0
JETBLUE AWYS CORP	COM	477143101	5	286	SH	DFND	28	0	286	0
JOHN BEAN TECHNOLOGIES CORP	COM	477839104	19	154	SH	DFND	28	0	154	0
JOHNSON & JOHNSON	COM	478160104	814	5,845	SH	DFND	28	0	5,845	0
JONES LANG LASALLE INC	COM	48020Q107	7	48	SH	DFND	28	0	48	0
J2 GLOBAL INC	COM	48123V102	8	88	SH	DFND	28	0	88	0
KAR AUCTION SVCS INC	COM	48238T109	1	46	SH	DFND	28	0	46	0
KLA-TENCOR CORP	COM	482480100	25	211	SH	DFND	28	0	211	0
KANSAS CITY SOUTHERN	COM NEW	485170302	17	141	SH	DFND	28	0	141	0
KENNAMETAL INC	COM	489170100	3	85	SH	DFND	28	0	85	0
KENNEDY-WILSON HLDGS INC	COM	489398107	71	3,463	SH	DFND	28	0	3,463	0
KEURIG DR PEPPER INC	COM	49271V100	0	7	SH	DFND	28	0	7	0
KEYCORP NEW	COM	493267108	189	10,655	SH	DFND	28	0	10,655	0
KEYSIGHT TECHNOLOGIES INC	COM	49338L103	480	5,341	SH	DFND	28	0	5,341	0
KFORCE INC	COM	493732101	22	637	SH	DFND	28	0	637	0
KILROY RLTY CORP	COM	49427F108	1	17	SH	DFND	28	0	17	0
KIMBERLY CLARK CORP	COM	494368103	281	2,107	SH	DFND	28	0	2,107	0
KINDER MORGAN INC DEL	COM	49456B101	4	199	SH	DFND	28	0	199	0
KIRBY CORP	COM	497266106	0	1	SH	DFND	28	0	1	0
KITE RLTY GROUP TR	COM NEW	49803T300	10	654	SH	DFND	28	0	654	0
KNOLL INC	COM NEW	498904200	18	798	SH	DFND	28	0	798	0
KONINKLIJKE PHILIPS N V	NY REG SH NEW	500472303	339	7,790	SH	DFND	28	0	7,790	0
KORN FERRY	COM NEW	500643200	20	492	SH	DFND	28	0	492	0
KRAFT HEINZ CO	COM	500754106	2	67	SH	DFND	28	0	67	0

KROGER CO	COM	501044101	15	707	SH	DFND	28	0	707	0
LHC GROUP INC	COM	50187A107	78	656	SH	DFND	28	0	656	0
LKQ CORP	COM	501889208	5	178	SH	DFND	28	0	178	0
LPL FINL HLDGS INC	COM	50212V100	0	1	SH	DFND	28	0	1	0
LTC PPTYS INC	COM	502175102	25	540	SH	DFND	28	0	540	0
L3 TECHNOLOGIES INC	COM	502413107	14	55	SH	DFND	28	0	55	0
LA Z BOY INC	COM	505336107	15	492	SH	DFND	28	0	492	0
LABORATORY CORP AMER HLDGS	COM NEW	50540R409	103	597	SH	DFND	28	0	597	0
LAKELAND FINL CORP	COM	511656100	48	1,021	SH	DFND	28	0	1,021	0
LAM RESEARCH CORP	COM	512807108	50	264	SH	DFND	28	0	264	0
LAMAR ADVERTISING CO NEW	CL A	512816109	1	9	SH	DFND	28	0	9	0
LAMB WESTON HLDGS INC	COM	513272104	35	550	SH	DFND	28	0	550	0
LANDSTAR SYS INC	COM	515098101	79	733	SH	DFND	28	0	733	0
LAS VEGAS SANDS CORP	COM	517834107	20	340	SH	DFND	28	0	340	0
LATTICE SEMICONDUCTOR CORP	COM	518415104	19	1,273	SH	DFND	28	0	1,273	0
LAUDER ESTEE COS INC	CL A	518439104	826	4,509	SH	DFND	28	0	4,509	0
LEAR CORP	COM NEW	521865204	516	3,707	SH	DFND	28	0	3,707	0
LEGGETT & PLATT INC	COM	524660107	2	53	SH	DFND	28	0	53	0
LEIDOS HLDGS INC	COM	525327102	3	40	SH	DFND	28	0	40	0
LEMAITRE VASCULAR INC	COM	525558201	39	1,380	SH	DFND	28	0	1,380	0
LENDINGTREE INC NEW	COM	52603B107	16	37	SH	DFND	28	0	37	0
LENNAR CORP	CL A	526057104	1	13	SH	DFND	28	0	13	0
LENNOX INTL INC	COM	526107107	64	233	SH	DFND	28	0	233	0
LIBERTY BROADBAND CORP	COM SER C	530307305	0	3	SH	DFND	28	0	3	0
LIBERTY PPTY TR	SH BEN INT	531172104	4	88	SH	DFND	28	0	88	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM	531229409	0	5	SH	DFND	28	0	5	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM	531229607	0	12	SH	DFND	28	0	12	0
LIGAND PHARMACEUTICALS INC	COM NEW	53220K504	17	153	SH	DFND	28	0	153	0
LILLY ELI & CO	COM	532457108	117	1,055	SH	DFND	28	0	1,055	0
LINCOLN ELEC HLDGS INC	COM	533900106	110	1,338	SH	DFND	28	0	1,338	0
LINCOLN NATL CORP IND	COM	534187109	33	519	SH	DFND	28	0	519	0
LITHIA MTRS INC	CL A	536797103	148	1,243	SH	DFND	28	0	1,243	0
LITTELFUSE INC	COM	537008104	110	623	SH	DFND	28	0	623	0
LIVE NATION ENTERTAINMENT IN	COM	538034109	12	175	SH	DFND	28	0	175	0
LIVEPERSON INC	COM	538146101	17	621	SH	DFND	28	0	621	0
LIVENT CORP	COM	53814L108	0	63	SH	DFND	28	0	63	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR	539439109	59	20,605	SH	DFND	28	0	20,605	0
LOCKHEED MARTIN CORP	COM	539830109	452	1,242	SH	DFND	28	0	1,242	0
LOEWS CORP	COM	540424108	4	76	SH	DFND	28	0	76	0
LOGMEIN INC	COM	54142L109	80	1,090	SH	DFND	28	0	1,090	0
LOWES COS INC	COM	548661107	164	1,629	SH	DFND	28	0	1,629	0
LULULEMON ATHLETICA INC	COM	550021109	106	587	SH	DFND	28	0	587	0
LUMENTUM HLDGS INC	COM	55024U109	7	138	SH	DFND	28	0	138	0
LYDALL INC DEL	COM	550819106	5	270	SH	DFND	28	0	270	0
M & T BK CORP	COM	55261F104	449	2,640	SH	DFND	28	0	2,640	0
MGM GROWTH PPTYS LLC	CL A COM	55303A105	4	133	SH	DFND	28	0	133	0

MSCI INC	COM	55354G100	8	33	SH	DFND	28	0	33	0
MTS SYS CORP	COM	553777103	31	529	SH	DFND	28	0	529	0
MACERICH CO	COM	554382101	1	24	SH	DFND	28	0	24	0
MACYS INC	COM	55616P104	139	6,475	SH	DFND	28	0	6,475	0
MADDEN STEVEN LTD	COM	556269108	41	1,203	SH	DFND	28	0	1,203	0
MANHATTAN ASSOCS INC	COM	562750109	10	146	SH	DFND	28	0	146	0
MANPOWERGROUP INC	COM	56418H100	1	8	SH	DFND	28	0	8	0
MANTECH INTL CORP	CL A	564563104	47	711	SH	DFND	28	0	711	0
MARATHON OIL CORP	COM	565849106	231	16,244	SH	DFND	28	0	16,244	0
MARATHON PETE CORP	COM	56585A102	23	407	SH	DFND	28	0	407	0
MARCUS & MILLICHAP INC	COM	566324109	23	748	SH	DFND	28	0	748	0
MARINEMAX INC	COM	567908108	6	338	SH	DFND	28	0	338	0
MARKEL CORP	COM	570535104	4	4	SH	DFND	28	0	4	0
MARKETAXESS HLDGS INC	COM	57060D108	436	1,357	SH	DFND	28	0	1,357	0
MARRIOTT VACTINS WORLDWID CO	COM	57164Y107	1	14	SH	DFND	28	0	14	0
MARSH & MCLENNAN COS INC	COM	571748102	97	970	SH	DFND	28	0	970	0
MARRIOTT INTL INC NEW	CL A	571903202	7	51	SH	DFND	28	0	51	0
MARTIN MARIETTA MATLS INC	COM	573284106	12	50	SH	DFND	28	0	50	0
MASCO CORP	COM	574599106	175	4,453	SH	DFND	28	0	4,453	0
MASIMO CORP	COM	574795100	2	14	SH	DFND	28	0	14	0
MASONITE INTL CORP NEW	COM	575385109	4	78	SH	DFND	28	0	78	0
MASTERCARD INC	CL A	57636Q104	94	356	SH	DFND	28	0	356	0
MATADOR RES CO	COM	576485205	96	4,834	SH	DFND	28	0	4,834	0
MATTHEWS INTL CORP	CL A	577128101	6	167	SH	DFND	28	0	167	0
MAXIM INTEGRATED PRODS INC	COM	57772K101	1	12	SH	DFND	28	0	12	0
MCCORMICK & CO INC	COM NON VTG	579780206	170	1,094	SH	DFND	28	0	1,094	0
MCDONALDS CORP	COM	580135101	133	641	SH	DFND	28	0	641	0
MCGRATH RENTCORP	COM	580589109	22	359	SH	DFND	28	0	359	0
MCKESSON CORP	COM	58155Q103	20	147	SH	DFND	28	0	147	0
MEDICAL PPTYS TRUST INC	COM	58463J304	41	2,335	SH	DFND	28	0	2,335	0
MEDICINES CO	COM	584688105	0	4	SH	DFND	28	0	4	0
MEDIDATA SOLUTIONS INC	COM	58471A105	25	274	SH	DFND	28	0	274	0
MEDPACE HLDGS INC	COM	58506Q109	20	307	SH	DFND	28	0	307	0
MERCADOLIBRE INC	COM	58733R102	62	102	SH	DFND	28	0	102	0
MERCANTILE BANK CORP	COM	587376104	15	472	SH	DFND	28	0	472	0
MERCK & CO INC	COM	58933Y105	361	4,300	SH	DFND	28	0	4,300	0
MERCURY SYS INC	COM	589378108	17	245	SH	DFND	28	0	245	0
MERIT MED SYS INC	COM	589889104	33	548	SH	DFND	28	0	548	0
MERITAGE HOMES CORP	COM	59001A102	27	529	SH	DFND	28	0	529	0
METHODE ELECTRS INC	COM	591520200	17	593	SH	DFND	28	0	593	0
METLIFE INC	COM	59156R108	295	5,936	SH	DFND	28	0	5,936	0
METTLER TOLEDO INTERNATIONAL	COM	592688105	365	435	SH	DFND	28	0	435	0
MICHAELS COS INC	COM	59408Q106	24	2,751	SH	DFND	28	0	2,751	0
MICROSOFT CORP	COM	594918104	2,562	19,128	SH	DFND	28	0	19,128	0
MICROCHIP TECHNOLOGY INC	COM	595017104	50	580	SH	DFND	28	0	580	0
MICRON TECHNOLOGY INC	COM	595112103	13	329	SH	DFND	28	0	329	0
MID AMER APT CMNTYS INC	COM	59522J103	127	1,080	SH	DFND	28	0	1,080	0
MIDDLEBY CORP	COM	596278101	135	992	SH	DFND	28	0	992	0

MINERALS TECHNOLOGIES INC	COM	603158106	24	441	SH	DFND	28	0	441	0
MOBILE TELESYSTEMS PJSC	SPONSORED ADR	607409109	0	3	SH	DFND	28	0	3	0
MOLINA HEALTHCARE INC	COM	60855R100	20	137	SH	DFND	28	0	137	0
MOLSON COORS BREWING CO	CL B	60871R209	194	3,466	SH	DFND	28	0	3,466	0
MONDELEZ INTL INC	CL A	609207105	301	5,576	SH	DFND	28	0	5,576	0
MONOLITHIC PWR SYS INC	COM	609839105	53	389	SH	DFND	28	0	389	0
MONSTER BEVERAGE CORP NEW	COM	61174X109	93	1,461	SH	DFND	28	0	1,461	0
MOODYS CORP	COM	615369105	68	346	SH	DFND	28	0	346	0
MOOG INC	CL A	615394202	77	823	SH	DFND	28	0	823	0
MORGAN STANLEY	COM NEW	617446448	214	4,875	SH	DFND	28	0	4,875	0
MORNINGSTAR INC	COM	617700109	76	524	SH	DFND	28	0	524	0
MOSAIC CO NEW	COM	61945C103	6	254	SH	DFND	28	0	254	0
MOTOROLA SOLUTIONS INC	COM NEW	620076307	330	1,976	SH	DFND	28	0	1,976	0
MOVADO GROUP INC	COM	624580106	14	517	SH	DFND	28	0	517	0
MUELLER WTR PRODS INC	COM SER A	624758108	26	2,602	SH	DFND	28	0	2,602	0
MULTI COLOR CORP	COM	625383104	1	17	SH	DFND	28	0	17	0
MURPHY OIL CORP	COM	626717102	18	727	SH	DFND	28	0	727	0
NMI HLDGS INC	CL A	629209305	6	228	SH	DFND	28	0	228	0
NRG ENERGY INC	COM NEW	629377508	2	44	SH	DFND	28	0	44	0
NASDAQ INC	COM	631103108	9	92	SH	DFND	28	0	92	0
NATIONAL BEVERAGE CORP	COM	635017106	1	30	SH	DFND	28	0	30	0
NATIONAL HEALTH INVS INC	COM	63633D104	3	38	SH	DFND	28	0	38	0
NATIONAL INSTRS CORP	COM	636518102	2	56	SH	DFND	28	0	56	0
NATIONAL OILWELL VARCO INC	COM	637071101	13	579	SH	DFND	28	0	579	0
NATIONAL VISION HLDGS INC	COM	63845R107	5	169	SH	DFND	28	0	169	0
NAVIGANT CONSULTING INC	COM	63935N107	27	1,158	SH	DFND	28	0	1,158	0
NEENAH INC	COM	640079109	42	615	SH	DFND	28	0	615	0
NEOGEN CORP	COM	640491106	1	17	SH	DFND	28	0	17	0
NEOGENOMICS INC	COM NEW	64049M209	10	458	SH	DFND	28	0	458	0
NETAPP INC	COM	64110D104	205	3,324	SH	DFND	28	0	3,324	0
NETFLIX INC	COM	64110L106	131	356	SH	DFND	28	0	356	0
NETEASE INC	SPONSORED ADR	64110W102	24	94	SH	DFND	28	0	94	0
NEUROCRINE BIOSCIENCES INC	COM	64125C109	106	1,252	SH	DFND	28	0	1,252	0
NEVRO CORP	COM	64157F103	0	6	SH	DFND	28	0	6	0
NEWELL BRANDS INC	COM	651229106	1	50	SH	DFND	28	0	50	0
NEWMARK GROUP INC	CL A	65158N102	21	2,319	SH	DFND	28	0	2,319	0
NEXSTAR MEDIA GROUP INC	CL A	65336K103	37	370	SH	DFND	28	0	370	0
NEXTERA ENERGY INC	COM	65339F101	262	1,279	SH	DFND	28	0	1,279	0
NIKE INC	CL B	654106103	224	2,672	SH	DFND	28	0	2,672	0
NISOURCE INC	COM	65473P105	10	344	SH	DFND	28	0	344	0
NOBLE ENERGY INC	COM	655044105	16	718	SH	DFND	28	0	718	0
NORDSON CORP	COM	655663102	241	1,706	SH	DFND	28	0	1,706	0
NORDSTROM INC	COM	655664100	6	198	SH	DFND	28	0	198	0
NORFOLK SOUTHERN CORP	COM	655844108	10	51	SH	DFND	28	0	51	0
NORTHERN TR CORP	COM	665859104	24	262	SH	DFND	28	0	262	0
NORTHROP GRUMMAN CORP	COM	666807102	242	750	SH	DFND	28	0	750	0
NORTHWESTERN CORP	COM NEW	668074305	29	406	SH	DFND	28	0	406	0
NOVANTA INC	COM	67000B104	28	296	SH	DFND	28	0	296	0
NOW INC	COM	67011P100	1	59	SH	DFND	28	0	59	0

NUANCE COMMUNICATIONS INC	COM	67020Y100	1	36	SH	DFND	28	0	36	0
NUCOR CORP	COM	670346105	1	10	SH	DFND	28	0	10	0
NUTANIX INC	CL A	67059N108	104	4,007	SH	DFND	28	0	4,007	0
NVIDIA CORP	COM	67066G104	429	2,611	SH	DFND	28	0	2,611	0
NUVASIVE INC	COM	670704105	11	181	SH	DFND	28	0	181	0
NUTRIEN LTD	COM	67077M108	374	7,002	SH	DFND	28	0	7,002	0
OGE ENERGY CORP	COM	670837103	122	2,856	SH	DFND	28	0	2,856	0
O REILLY AUTOMOTIVE INC NEW	COM	67103H107	21	56	SH	DFND	28	0	56	0
OSI SYSTEMS INC	COM	671044105	15	134	SH	DFND	28	0	134	0
OCCIDENTAL PETE CORP	COM	674599105	228	4,529	SH	DFND	28	0	4,529	0
OIL STS INTL INC	COM	678026105	1	60	SH	DFND	28	0	60	0
OKTA INC	CL A	679295105	10	84	SH	DFND	28	0	84	0
OLD DOMINION FREIGHT LINE IN	COM	679580100	9	58	SH	DFND	28	0	58	0
OLD NATL BANCORP IND	COM	680033107	24	1,418	SH	DFND	28	0	1,418	0
OLLIES BARGAIN OUTLT HLDGS I	COM	681116109	79	906	SH	DFND	28	0	906	0
OMNICOM GROUP INC	COM	681919106	21	258	SH	DFND	28	0	258	0
OMNICELL INC	COM	68213N109	67	781	SH	DFND	28	0	781	0
ON SEMICONDUCTOR CORP	COM	682189105	78	3,877	SH	DFND	28	0	3,877	0
ONE GAS INC	COM	68235P108	0	5	SH	DFND	28	0	5	0
ONEOK INC NEW	COM	682680103	334	4,852	SH	DFND	28	0	4,852	0
ORACLE CORP	COM	68389X105	324	5,690	SH	DFND	28	0	5,690	0
ORMAT TECHNOLOGIES INC	COM	686688102	1	10	SH	DFND	28	0	10	0
OWENS CORNING NEW	COM	690742101	15	252	SH	DFND	28	0	252	0
OXFORD INDS INC	COM	691497309	11	148	SH	DFND	28	0	148	0
PC CONNECTION INC	COM	69318J100	18	501	SH	DFND	28	0	501	0
PNC FINL SVCS GROUP INC	COM	693475105	110	802	SH	DFND	28	0	802	0
PPG INDS INC	COM	693506107	26	222	SH	DFND	28	0	222	0
PPL CORP	COM	69351T106	113	3,658	SH	DFND	28	0	3,658	0
PRA HEALTH SCIENCES INC	COM	69354M108	28	280	SH	DFND	28	0	280	0
PRA GROUP INC	COM	69354N106	22	779	SH	DFND	28	0	779	0
PS BUSINESS PKS INC CALIF	COM	69360J107	23	137	SH	DFND	28	0	137	0
PVH CORP	COM	693656100	3	32	SH	DFND	28	0	32	0
PTC INC	COM	69370C100	75	836	SH	DFND	28	0	836	0
PACCAR INC	COM	693718108	2	22	SH	DFND	28	0	22	0
PACKAGING CORP AMER	COM	695156109	243	2,549	SH	DFND	28	0	2,549	0
PALO ALTO NETWORKS INC	COM	697435105	302	1,483	SH	DFND	28	0	1,483	0
PARKER HANNIFIN CORP	COM	701094104	31	185	SH	DFND	28	0	185	0
PARSLEY ENERGY INC	CL A	701877102	80	4,189	SH	DFND	28	0	4,189	0
PAYCHEX INC	COM	704326107	1	15	SH	DFND	28	0	15	0
PAYCOM SOFTWARE INC	COM	70432V102	17	76	SH	DFND	28	0	76	0
PAYLOCITY HLDG CORP	COM	70438V106	3	35	SH	DFND	28	0	35	0
PAYPAL HLDGS INC	COM	70450Y103	1,098	9,594	SH	DFND	28	0	9,594	0
PEBBLEBROOK HOTEL TR	COM	70509V100	8	287	SH	DFND	28	0	287	0
PENN NATL GAMING INC	COM	707569109	29	1,482	SH	DFND	28	0	1,482	0
PENSKE AUTOMOTIVE GRP INC	COM	70959W103	0	8	SH	DFND	28	0	8	0
PENUMBRA INC	COM	70975L107	32	203	SH	DFND	28	0	203	0
PEOPLES UTD FINL INC	COM	712704105	1	62	SH	DFND	28	0	62	0
PEPSICO INC	COM	713448108	472	3,597	SH	DFND	28	0	3,597	0

PERSPECTA INC	COM	715347100	1	43	SH	DFND	28	0	43	0
PFIZER INC	COM	717081103	328	7,578	SH	DFND	28	0	7,578	0
PHIBRO ANIMAL HEALTH CORP	CL A COM	71742Q106	16	494	SH	DFND	28	0	494	0
PHILIP MORRIS INTL INC	COM	718172109	352	4,480	SH	DFND	28	0	4,480	0
PHILLIPS 66	COM	718546104	215	2,299	SH	DFND	28	0	2,299	0
PHYSICIANS RLTY TR	COM	71943U104	112	6,441	SH	DFND	28	0	6,441	0
PIEDMONT OFFICE REALTY TR IN	COM CL A	720190206	11	556	SH	DFND	28	0	556	0
PIMCO ETF TR	0-5 HIGH YIELD	72201R783	996	9,916	SH	DFND	28	0	9,916	0
PINNACLE FINL PARTNERS INC	COM	72346Q104	151	2,624	SH	DFND	28	0	2,624	0
PINNACLE WEST CAP CORP	COM	723484101	15	158	SH	DFND	28	0	158	0
PIONEER NAT RES CO	COM	723787107	181	1,175	SH	DFND	28	0	1,175	0
PLANET FITNESS INC	CL A	72703H101	99	1,366	SH	DFND	28	0	1,366	0
PLEXUS CORP	COM	729132100	27	471	SH	DFND	28	0	471	0
POLARIS INDS INC	COM	731068102	123	1,343	SH	DFND	28	0	1,343	0
POOL CORPORATION	COM	73278L105	319	1,672	SH	DFND	28	0	1,672	0
PORTLAND GEN ELEC CO	COM NEW	736508847	133	2,457	SH	DFND	28	0	2,457	0
PORTOLA PHARMACEUTICALS INC	COM	737010108	2	87	SH	DFND	28	0	87	0
POWER INTEGRATIONS INC	COM	739276103	198	2,470	SH	DFND	28	0	2,470	0
PREMIER INC	CL A	74051N102	135	3,449	SH	DFND	28	0	3,449	0
PRICE T ROWE GROUP INC	COM	74144T108	263	2,396	SH	DFND	28	0	2,396	0
PRIMERICA INC	COM	74164M108	67	561	SH	DFND	28	0	561	0
PRINCIPAL FINL GROUP INC	COM	74251V102	29	497	SH	DFND	28	0	497	0
PROASSURANCE CORP	COM	74267C106	2	67	SH	DFND	28	0	67	0
PROCTER AND GAMBLE CO	COM	742718109	186	1,699	SH	DFND	28	0	1,699	0
PROGENICS PHARMACEUTICALS IN	COM	743187106	3	424	SH	DFND	28	0	424	0
PROGRESS SOFTWARE CORP	COM	743312100	21	479	SH	DFND	28	0	479	0
PROGRESSIVE CORP OHIO	COM	743315103	897	11,225	SH	DFND	28	0	11,225	0
PROLOGIS INC	COM	74340W103	359	4,484	SH	DFND	28	0	4,484	0
PROOFPOINT INC	COM	743424103	36	296	SH	DFND	28	0	296	0
PROS HOLDINGS INC	COM	74346Y103	7	113	SH	DFND	28	0	113	0
PROPETRO HLDG CORP	COM	74347M108	11	508	SH	DFND	28	0	508	0
PROSPERITY BANCSHARES INC	COM	743606105	188	2,851	SH	DFND	28	0	2,851	0
PROTO LABS INC	COM	743713109	3	26	SH	DFND	28	0	26	0
PRUDENTIAL FINL INC	COM	744320102	238	2,361	SH	DFND	28	0	2,361	0
PUBLIC SVC ENTERPRISE GRP IN	COM	744573106	16	269	SH	DFND	28	0	269	0
PUBLIC STORAGE	COM	74460D109	24	102	SH	DFND	28	0	102	0
QUAKER CHEM CORP	COM	747316107	319	1,573	SH	DFND	28	0	1,573	0
QTS RLTY TR INC	COM CL A	74736A103	74	1,598	SH	DFND	28	0	1,598	0
QORVO INC	COM	74736K101	6	84	SH	DFND	28	0	84	0
Q2 HLDGS INC	COM	74736L109	6	78	SH	DFND	28	0	78	0
QUALCOMM INC	COM	747525103	324	4,265	SH	DFND	28	0	4,265	0
QUALYS INC	COM	74758T303	7	86	SH	DFND	28	0	86	0
QUANTA SVCS INC	COM	74762E102	5	131	SH	DFND	28	0	131	0
QUEST DIAGNOSTICS INC	COM	74834L100	38	375	SH	DFND	28	0	375	0
QUIDEL CORP	COM	74838J101	3	49	SH	DFND	28	0	49	0
QURATE RETAIL INC	COM SER A	74915M100	1	87	SH	DFND	28	0	87	0
RLI CORP	COM	749607107	59	686	SH	DFND	28	0	686	0
RPM INTL INC	COM	749685103	265	4,343	SH	DFND	28	0	4,343	0

RALPH LAUREN CORP	CL A	751212101	239	2,103	SH		DFND	28	0	2,103	0
RANGE RES CORP	COM	75281A109	2	296	SH		DFND	28	0	296	0
RAPID7 INC	COM	753422104	180	3,119	SH		DFND	28	0	3,119	0
RAYMOND JAMES FINANCIAL INC	COM	754730109	167	1,975	SH		DFND	28	0	1,975	0
RAYTHEON CO	COM NEW	755111507	94	540	SH		DFND	28	0	540	0
RBC BEARINGS INC	COM	75524B104	315	1,890	SH		DFND	28	0	1,890	0
RE MAX HLDGS INC	CL A	75524W108	2	55	SH		DFND	28	0	55	0
REALPAGE INC	COM	75606N109	35	602	SH		DFND	28	0	602	0
REALTY INCOME CORP	COM	756109104	94	1,366	SH		DFND	28	0	1,366	0
RED HAT INC	COM	756577102	33	174	SH		DFND	28	0	174	0
REGAL BELOIT CORP	COM	758750103	7	88	SH		DFND	28	0	88	0
REGENERON PHARMACEUTICALS	COM	75886F107	52	165	SH		DFND	28	0	165	0
REGIONS FINL CORP NEW	COM	7591EP100	36	2,439	SH		DFND	28	0	2,439	0
REINSURANCE GRP OF AMERICA I	COM NEW	759351604	201	1,285	SH		DFND	28	0	1,285	0
RELIANCE STEEL & ALUMINUM CO	COM	759509102	193	2,039	SH		DFND	28	0	2,039	0
RENASANT CORP	COM	75970E107	16	436	SH		DFND	28	0	436	0
REPLIGEN CORP	COM	759916109	21	240	SH		DFND	28	0	240	0
REPUBLIC SVCS INC	COM	760759100	273	3,150	SH		DFND	28	0	3,150	0
RESMED INC	COM	761152107	228	1,867	SH		DFND	28	0	1,867	0
RESIDEO TECHNOLOGIES INC	COM	76118Y104	1	39	SH		DFND	28	0	39	0
RETAIL OPPORTUNITY INVTS COR	COM	76131N101	0	2	SH		DFND	28	0	2	0
RING ENERGY INC	COM	76680V108	4	1,209	SH		DFND	28	0	1,209	0
RIO TINTO PLC	SPONSORED ADR	767204100	219	3,513	SH		DFND	28	0	3,513	0
ROCKWELL AUTOMATION INC	COM	773903109	16	100	SH		DFND	28	0	100	0
ROGERS CORP	COM	775133101	1	5	SH		DFND	28	0	5	0
ROLLINS INC	COM	775711104	8	210	SH		DFND	28	0	210	0
ROPER TECHNOLOGIES INC	COM	776696106	738	2,016	SH		DFND	28	0	2,016	0
ROSS STORES INC	COM	778296103	106	1,070	SH		DFND	28	0	1,070	0
ROYAL DUTCH SHELL PLC	SPON ADR B	780259107	498	7,574	SH		DFND	28	0	7,574	0
RUSH ENTERPRISES INC	CL A	781846209	24	644	SH		DFND	28	0	644	0
RYDER SYS INC	COM	783549108	89	1,527	SH		DFND	28	0	1,527	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	71	879	SH		DFND	28	0	879	0
S&P GLOBAL INC	COM	78409V104	33	145	SH		DFND	28	0	145	0
SBA COMMUNICATIONS CORP NEW	CL A	78410G104	795	3,534	SH		DFND	28	0	3,534	0
SEI INVESTMENTS CO	COM	784117103	5	91	SH		DFND	28	0	91	0
SPDR S&P 500 ETF TR	TR UNIT	78462F103	1,092	3,727	SH		DFND	28	0	3,727	0
SPDR INDEX SHS FDS	S&P GLBDIV ETF	78463X459	1	22	SH		DFND	28	0	22	0
SPDR INDEX SHS FDS	DJ GLB RL ES ETF	78463X749	44	878	SH		DFND	28	0	878	0
SPDR SERIES TRUST	PORTFOLIO SHORT	78464A474	255	8,301	SH		DFND	28	0	8,301	0
SPDR SERIES TRUST	BLOMBERG INTL TR	78464A516	11	366	SH		DFND	28	0	366	0
SPDR SERIES TRUST	DJ REIT ETF	78464A607	51	514	SH		DFND	28	0	514	0
SPDR SERIES TRUST	S&P DIVID ETF	78464A763	490	4,855	SH		DFND	28	0	4,855	0
SS&C TECHNOLOGIES HLDGS INC	COM	78467J100	225	3,906	SH		DFND	28	0	3,906	0
SPDR SERIES TRUST	BLOOMBERG BRCLYS	78468R622	1,115	10,231	SH		DFND	28	0	10,231	0

SRC ENERGY INC	COM	78470V108	17	3,328	SH		DFND	28	0	3,328	0
SVB FINL GROUP	COM	78486Q101	49	217	SH		DFND	28	0	217	0
SABRA HEALTH CARE REIT INC	COM	78573L106	2	83	SH		DFND	28	0	83	0
SABRE CORP	COM	78573M104	38	1,728	SH		DFND	28	0	1,728	0
SAGE THERAPEUTICS INC	COM	78667J108	24	129	SH		DFND	28	0	129	0
SAIA INC	COM	78709Y105	23	363	SH		DFND	28	0	363	0
SAILPOINT TECHNLGIES HLDGS I	COM	78781P105	13	642	SH		DFND	28	0	642	0
SALESFORCE COM INC	COM	79466L302	771	5,081	SH		DFND	28	0	5,081	0
SALLY BEAUTY HLDGS INC	COM	79546E104	1	91	SH		DFND	28	0	91	0
SANDERSON FARMS INC	COM	800013104	27	199	SH		DFND	28	0	199	0
SANDY SPRING BANCORP INC	COM	800363103	13	362	SH		DFND	28	0	362	0
SANMINA CORPORATION	COM	801056102	3	93	SH		DFND	28	0	93	0
SAP SE	SPON ADR	803054204	951	6,949	SH		DFND	28	0	6,949	0
SAREPTA THERAPEUTICS INC	COM	803607100	30	195	SH		DFND	28	0	195	0
HENRY SCHEIN INC	COM	806407102	13	193	SH		DFND	28	0	193	0
SCHLUMBERGER LTD	COM	806857108	315	7,929	SH		DFND	28	0	7,929	0
SCHOLASTIC CORP	COM	807066105	12	352	SH		DFND	28	0	352	0
THE CHARLES SCHWAB CORPORATI	COM	808513105	321	7,999	SH		DFND	28	0	7,999	0
SCHWAB STRATEGIC TR	US LCAP GR ETF	808524300	524	6,298	SH		DFND	28	0	6,298	0
SCHWAB STRATEGIC TR	US DIVIDEND EQ	808524797	281	5,300	SH		DFND	28	0	5,300	0
SCOTTS MIRACLE GRO CO	CL A	810186106	146	1,477	SH		DFND	28	0	1,477	0
SEALED AIR CORP NEW	COM	81211K100	127	2,980	SH		DFND	28	0	2,980	0
SELECT SECTOR SPDR TR	SBI CONS STPLS	81369Y308	16	271	SH		DFND	28	0	271	0
SELECT SECTOR SPDR TR	SBI CONS DISCR	81369Y407	76	636	SH		DFND	28	0	636	0
SELECT SECTOR SPDR TR	SBI INT-INDS	81369Y704	221	2,858	SH		DFND	28	0	2,858	0
SELECT SECTOR SPDR TR	TECHNOLOGY	81369Y803	89	1,143	SH		DFND	28	0	1,143	0
SELECTIVE INS GROUP INC	COM	816300107	88	1,171	SH		DFND	28	0	1,171	0
SEMPRA ENERGY	COM	816851109	21	156	SH		DFND	28	0	156	0
SENSIENT TECHNOLOGIES CORP	COM	81725T100	36	485	SH		DFND	28	0	485	0
SERVICE CORP INTL	COM	817565104	11	242	SH		DFND	28	0	242	0
SERVICEMASTER GLOBAL HLDGS I	COM	81761R109	0	7	SH		DFND	28	0	7	0
SERVICENOW INC	COM	81762P102	96	350	SH		DFND	28	0	350	0
SHAKE SHACK INC	CL A	819047101	4	53	SH		DFND	28	0	53	0
SHERWIN WILLIAMS CO	COM	824348106	460	1,004	SH		DFND	28	0	1,004	0
SHOPIFY INC	CL A	82509L107	444	1,479	SH		DFND	28	0	1,479	0
SIGNATURE BK NEW YORK N Y	COM	82669G104	165	1,368	SH		DFND	28	0	1,368	0
SILICON LABORATORIES INC	COM	826919102	143	1,379	SH		DFND	28	0	1,379	0
SIMPLY GOOD FOODS CO	COM	82900L102	22	913	SH		DFND	28	0	913	0
SINCLAIR BROADCAST GROUP INC	CL A	829226109	5	90	SH		DFND	28	0	90	0
SITE CENTERS CORP	COM	82981J109	1	59	SH		DFND	28	0	59	0
SITEONE LANDSCAPE SUPPLY INC	COM	82982L103	37	538	SH		DFND	28	0	538	0
SKYWORKS SOLUTIONS INC	COM	83088M102	15	193	SH		DFND	28	0	193	0
SMITH A O CORP	COM	831865209	22	461	SH		DFND	28	0	461	0
SNAP ON INC	COM	833034101	174	1,049	SH		DFND	28	0	1,049	0
SONOCO PRODS CO	COM	835495102	95	1,454	SH		DFND	28	0	1,454	0
SOTHEBYS	COM	835898107	2	26	SH		DFND	28	0	26	0
SOUTH JERSEY INDS INC	COM	838518108	14	407	SH		DFND	28	0	407	0

SOUTH ST CORP	COM	840441109	54	734	SH	DFND	28	0	734	0
SOUTHERN CO	COM	842587107	158	2,862	SH	DFND	28	0	2,862	0
SOUTHWEST AIRLS CO	COM	844741108	19	367	SH	DFND	28	0	367	0
SOUTHWEST GAS HOLDINGS INC	COM	844895102	23	252	SH	DFND	28	0	252	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	848574109	16	197	SH	DFND	28	0	197	0
SPIRIT RLTY CAP INC NEW	COM NEW	84860W300	1	18	SH	DFND	28	0	18	0
SPLUNK INC	COM	848637104	264	2,097	SH	DFND	28	0	2,097	0
SPROUTS FMRS MKT INC	COM	85208M102	12	643	SH	DFND	28	0	643	0
SQUARE INC	CL A	852234103	3	40	SH	DFND	28	0	40	0
STAG INDL INC	COM	85254J102	42	1,375	SH	DFND	28	0	1,375	0
STANDARD MTR PRODS INC	COM	853666105	71	1,563	SH	DFND	28	0	1,563	0
STANDEX INTL CORP	COM	854231107	51	698	SH	DFND	28	0	698	0
STANLEY BLACK & DECKER INC	COM	854502101	9	65	SH	DFND	28	0	65	0
STARBUCKS CORP	COM	855244109	182	2,176	SH	DFND	28	0	2,176	0
STARWOOD PPTY TR INC	COM	85571B105	20	881	SH	DFND	28	0	881	0
STATE STR CORP	COM	857477103	13	230	SH	DFND	28	0	230	0
STEEL DYNAMICS INC	COM	858119100	1	29	SH	DFND	28	0	29	0
STEELCASE INC	CL A	858155203	3	148	SH	DFND	28	0	148	0
STERICYCLE INC	COM	858912108	56	1,167	SH	DFND	28	0	1,167	0
STERLING BANCORP DEL	COM	85917A100	72	3,395	SH	DFND	28	0	3,395	0
STIFEL FINL CORP	COM	860630102	176	2,980	SH	DFND	28	0	2,980	0
STORE CAP CORP	COM	862121100	1	26	SH	DFND	28	0	26	0
STRYKER CORP	COM	863667101	47	229	SH	DFND	28	0	229	0
STURM RUGER & CO INC	COM	864159108	14	254	SH	DFND	28	0	254	0
SUMITOMO MITSUI FINL GROUP I	SPONSORED ADR	86562M209	95	13,491	SH	DFND	28	0	13,491	0
SUMMIT HOTEL PPTYS INC	COM	866082100	119	10,385	SH	DFND	28	0	10,385	0
SUMMIT MATLS INC	CL A	86614U100	11	549	SH	DFND	28	0	549	0
SUN CMNTYS INC	COM	866674104	212	1,653	SH	DFND	28	0	1,653	0
SUNTRUST BKS INC	COM	867914103	75	1,195	SH	DFND	28	0	1,195	0
SUPERIOR ENERGY SVCS INC	COM	868157108	0	102	SH	DFND	28	0	102	0
SYKES ENTERPRISES INC	COM	871237103	19	697	SH	DFND	28	0	697	0
SYMANTEC CORP	COM	871503108	239	10,973	SH	DFND	28	0	10,973	0
SYNOPSYS INC	COM	871607107	321	2,496	SH	DFND	28	0	2,496	0
SYNOVUS FINL CORP	COM NEW	87161C501	12	343	SH	DFND	28	0	343	0
SYNNEX CORP	COM	87162W100	87	880	SH	DFND	28	0	880	0
SYNCHRONY FINL	COM	87165B103	0	4	SH	DFND	28	0	4	0
SYNEOS HEALTH INC	CL A	87166B102	92	1,810	SH	DFND	28	0	1,810	0
SYSCO CORP	COM	871829107	83	1,167	SH	DFND	28	0	1,167	0
TCF FINL CORP	COM	872275102	4	194	SH	DFND	28	0	194	0
TJX COS INC NEW	COM	872540109	966	18,259	SH	DFND	28	0	18,259	0
T MOBILE US INC	COM	872590104	12	162	SH	DFND	28	0	162	0
TRI POINTE GROUP INC	COM	87265H109	15	1,231	SH	DFND	28	0	1,231	0
TABLEAU SOFTWARE INC	CL A	87336U105	66	395	SH	DFND	28	0	395	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	874039100	1,121	28,620	SH	DFND	28	0	28,620	0
TAILORED BRANDS INC	COM	87403A107	0	76	SH	DFND	28	0	76	0
TAKE-TWO INTERACTIVE SOFTWAR	COM	874054109	40	350	SH	DFND	28	0	350	0
TANDEM DIABETES CARE INC	COM NEW	875372203	20	305	SH	DFND	28	0	305	0

TAPESTRY INC	COM	876030107	162	5,113	SH	DFND	28	0	5,113	0
TARGET CORP	COM	87612E106	1,007	11,631	SH	DFND	28	0	11,631	0
TAUBMAN CTRS INC	COM	876664103	155	3,805	SH	DFND	28	0	3,805	0
TELADOC HEALTH INC	COM	87918A105	55	832	SH	DFND	28	0	832	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	18	67	SH	DFND	28	0	67	0
TERADYNE INC	COM	880770102	3	64	SH	DFND	28	0	64	0
TESLA INC	COM	88160R101	6	28	SH	DFND	28	0	28	0
TETRA TECH INC NEW	COM	88162G103	123	1,563	SH	DFND	28	0	1,563	0
TEXAS CAPITAL BANCSHARES INC	COM	88224Q107	14	227	SH	DFND	28	0	227	0
TEXAS INSTRS INC	COM	882508104	437	3,809	SH	DFND	28	0	3,809	0
TEXAS ROADHOUSE INC	COM	882681109	89	1,657	SH	DFND	28	0	1,657	0
THE TRADE DESK INC	COM CL A	88339J105	12	51	SH	DFND	28	0	51	0
THERMO FISHER SCIENTIFIC INC	COM	883556102	976	3,325	SH	DFND	28	0	3,325	0
THOR INDS INC	COM	885160101	2	38	SH	DFND	28	0	38	0
3M CO	COM	88579Y101	99	573	SH	DFND	28	0	573	0
TIMKEN CO	COM	887389104	58	1,132	SH	DFND	28	0	1,132	0
TOLL BROTHERS INC	COM	889478103	7	185	SH	DFND	28	0	185	0
TOPBUILD CORP	COM	89055F103	0	3	SH	DFND	28	0	3	0
TORCHMARK CORP	COM	891027104	4	48	SH	DFND	28	0	48	0
TORO CO	COM	891092108	229	3,425	SH	DFND	28	0	3,425	0
TOTAL SYS SVCS INC	COM	891906109	168	1,309	SH	DFND	28	0	1,309	0
TOWNEBANK PORTSMOUTH VA	COM	89214P109	17	622	SH	DFND	28	0	622	0
TRACTOR SUPPLY CO	COM	892356106	104	954	SH	DFND	28	0	954	0
TRANSUNION	COM	89400J107	5	62	SH	DFND	28	0	62	0
TRAVELERS COMPANIES INC	COM	89417E109	97	650	SH	DFND	28	0	650	0
TREEHOUSE FOODS INC	COM	89469A104	16	295	SH	DFND	28	0	295	0
TREX CO INC	COM	89531P105	58	810	SH	DFND	28	0	810	0
TRIMBLE INC	COM	896239100	30	670	SH	DFND	28	0	670	0
TRINITY INDS INC	COM	896522109	1	43	SH	DFND	28	0	43	0
TRIUMPH GROUP INC NEW	COM	896818101	40	1,736	SH	DFND	28	0	1,736	0
TRIPADVISOR INC	COM	896945201	1	20	SH	DFND	28	0	20	0
TRUEBLUE INC	COM	89785X101	17	765	SH	DFND	28	0	765	0
TRUSTMARK CORP	COM	898402102	31	941	SH	DFND	28	0	941	0
TWITTER INC	COM	90184L102	37	1,060	SH	DFND	28	0	1,060	0
II VI INC	COM	902104108	2	64	SH	DFND	28	0	64	0
TYLER TECHNOLOGIES INC	COM	902252105	171	792	SH	DFND	28	0	792	0
TYSON FOODS INC	CL A	902494103	18	221	SH	DFND	28	0	221	0
UDR INC	COM	902653104	4	80	SH	DFND	28	0	80	0
UGI CORP NEW	COM	902681105	9	173	SH	DFND	28	0	173	0
UMB FINL CORP	COM	902788108	37	558	SH	DFND	28	0	558	0
US BANCORP DEL	COM NEW	902973304	199	3,794	SH	DFND	28	0	3,794	0
U S PHYSICAL THERAPY INC	COM	90337L108	87	711	SH	DFND	28	0	711	0
UBER TECHNOLOGIES INC	COM	90353T100	172	3,719	SH	DFND	28	0	3,719	0
ULTA BEAUTY INC	COM	90384S303	102	294	SH	DFND	28	0	294	0
UMPQUA HLDGS CORP	COM	904214103	17	998	SH	DFND	28	0	998	0
UNIFIRST CORP MASS	COM	904708104	14	72	SH	DFND	28	0	72	0
UNILEVER PLC	SPON ADR NEW	904767704	382	6,162	SH	DFND	28	0	6,162	0
UNILEVER N V	N Y SHS NEW	904784709	90	1,488	SH	DFND	28	0	1,488	0

UNION PACIFIC CORP	COM	907818108	526	3,112	SH		DFND	28	0	3,112	0
UNITED CMNTY BKS BLAIRSVLE G	COM	90984P303	25	876	SH		DFND	28	0	876	0
UNITED BANKSHARES INC WEST V	COM	909907107	76	2,061	SH		DFND	28	0	2,061	0
UNITED FIRE GROUP INC	COM	910340108	2	36	SH		DFND	28	0	36	0
UNITED NAT FOODS INC	COM	911163103	0	40	SH		DFND	28	0	40	0
UNITED PARCEL SERVICE INC	CL B	911312106	389	3,771	SH		DFND	28	0	3,771	0
UNITED RENTALS INC	COM	911363109	230	1,735	SH		DFND	28	0	1,735	0
US FOODS HLDG CORP	COM	912008109	10	284	SH		DFND	28	0	284	0
UNITED TECHNOLOGIES CORP	COM	913017109	365	2,801	SH		DFND	28	0	2,801	0
UNITEDHEALTH GROUP INC	COM	91324P102	1,039	4,257	SH		DFND	28	0	4,257	0
UNIVERSAL DISPLAY CORP	COM	91347P105	82	434	SH		DFND	28	0	434	0
UNIVERSAL ELECTRS INC	COM	913483103	21	523	SH		DFND	28	0	523	0
UNIVERSAL HLTH SVCS INC	CL B	913903100	1	7	SH		DFND	28	0	7	0
URBAN EDGE PPTYS	COM	91704F104	1	47	SH		DFND	28	0	47	0
VAIL RESORTS INC	COM	91879Q109	150	671	SH		DFND	28	0	671	0
VALERO ENERGY CORP NEW	COM	91913Y100	346	4,046	SH		DFND	28	0	4,046	0
VANGUARD STAR FD	VG TL INTL STK F	921909768	457	8,668	SH		DFND	28	0	8,668	0
VANGUARD ADMIRAL FDS INC	500 GRTH IDX F	921932505	512	3,178	SH		DFND	28	0	3,178	0
VANGUARD ADMIRAL FDS INC	500 VAL IDX FD	921932703	553	4,923	SH		DFND	28	0	4,923	0
VANGUARD BD INDEX FD INC	LONG TERM BOND	921937793	571	5,880	SH		DFND	28	0	5,880	0
VANGUARD BD INDEX FD INC	INTERMED TERM	921937819	1,258	14,539	SH		DFND	28	0	14,539	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND	921937827	935	11,612	SH		DFND	28	0	11,612	0
VANGUARD BD INDEX FD INC	TOTAL BND MRKT	921937835	344	4,147	SH		DFND	28	0	4,147	0
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF	921943858	2,572	61,658	SH		DFND	28	0	61,658	0
VANGUARD WHITEHALL FDS INC	HIGH DIV YLD	921946406	248	2,840	SH		DFND	28	0	2,840	0
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF	92203J407	1,029	17,956	SH		DFND	28	0	17,956	0
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	922042676	22	367	SH		DFND	28	0	367	0
VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US	922042775	433	8,485	SH		DFND	28	0	8,485	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	922042858	935	21,985	SH		DFND	28	0	21,985	0
VANGUARD WORLD FDS	CONSUM DIS ETF	92204A108	895	4,991	SH		DFND	28	0	4,991	0
VANGUARD WORLD FDS	INF TECH ETF	92204A702	614	2,912	SH		DFND	28	0	2,912	0
VANGUARD WORLD FDS	COMM SRVC ETF	92204A884	485	5,600	SH		DFND	28	0	5,600	0
VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	92206C409	1,198	14,847	SH		DFND	28	0	14,847	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW	92206C623	336	2,292	SH		DFND	28	0	2,292	0
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	92206C771	529	10,005	SH		DFND	28	0	10,005	0
VAREX IMAGING CORP	COM	92214X106	13	418	SH		DFND	28	0	418	0
VARIAN MED SYS INC	COM	92220P105	230	1,688	SH		DFND	28	0	1,688	0
VEEVA SYS INC	CL A COM	922475108	56	347	SH		DFND	28	0	347	0
VENTAS INC	COM	92276F100	116	1,694	SH		DFND	28	0	1,694	0
VANGUARD INDEX FDS	S&P 500 ETF SHS	922908363	3,744	13,909	SH		DFND	28	0	13,909	0
VANGUARD INDEX FDS	REAL ESTATE ETF	922908553	63	726	SH		DFND	28	0	726	0
VANGUARD INDEX FDS	SML CP GRW ETF	922908595	202	1,087	SH		DFND	28	0	1,087	0
VANGUARD INDEX FDS	SM CP VAL ETF	922908611	487	3,728	SH		DFND	28	0	3,728	0
VANGUARD INDEX FDS	MID CAP ETF	922908629	444	2,655	SH		DFND	28	0	2,655	0
VANGUARD INDEX FDS	EXTEND MKT ETF	922908652	457	3,852	SH		DFND	28	0	3,852	0

VANGUARD INDEX FDS	GROWTH ETF	922908736	714	4,368	SH	DFND	28	0	4,368	0
VANGUARD INDEX FDS	VALUE ETF	922908744	681	6,142	SH	DFND	28	0	6,142	0
VANGUARD INDEX FDS	SMALL CP ETF	922908751	769	4,907	SH	DFND	28	0	4,907	0
VEREIT INC	COM	92339V100	99	11,010	SH	DFND	28	0	11,010	0
VERIZON COMMUNICATIONS INC	COM	92343V104	600	10,504	SH	DFND	28	0	10,504	0
VERISK ANALYTICS INC	COM	92345Y106	195	1,329	SH	DFND	28	0	1,329	0
VERTEX PHARMACEUTICALS INC	COM	92532F100	124	676	SH	DFND	28	0	676	0
VERSUM MATLS INC	COM	92532W103	1	14	SH	DFND	28	0	14	0
VIAVI SOLUTIONS INC	COM	925550105	13	964	SH	DFND	28	0	964	0
VICI PPTYS INC	COM	925652109	2	104	SH	DFND	28	0	104	0
VIPSHOP HLDGS LTD	SPONSORED ADS A	92763W103	8	909	SH	DFND	28	0	909	0
VISA INC	COM CL A	92826C839	2,160	12,444	SH	DFND	28	0	12,444	0
VIRTUSA CORP	COM	92827P102	9	201	SH	DFND	28	0	201	0
VISTEON CORP	COM NEW	92839U206	1	15	SH	DFND	28	0	15	0
VISTRA ENERGY CORP	COM	92840M102	2	73	SH	DFND	28	0	73	0
VMWARE INC	CL A COM	928563402	497	2,973	SH	DFND	28	0	2,973	0
VOCERA COMMUNICATIONS INC	COM	92857F107	11	348	SH	DFND	28	0	348	0
VORNADO RLTY TR	SH BEN INT	929042109	3	54	SH	DFND	28	0	54	0
VULCAN MATLS CO	COM	929160109	2	14	SH	DFND	28	0	14	0
WD-40 CO	COM	929236107	79	495	SH	DFND	28	0	495	0
WABCO HLDGS INC	COM	92927K102	72	543	SH	DFND	28	0	543	0
WEC ENERGY GROUP INC	COM	92939U106	147	1,765	SH	DFND	28	0	1,765	0
WABTEC CORP	COM	929740108	130	1,813	SH	DFND	28	0	1,813	0
WAGEWORKS INC	COM	930427109	13	252	SH	DFND	28	0	252	0
WALMART INC	COM	931142103	759	6,868	SH	DFND	28	0	6,868	0
WALGREENS BOOTS ALLIANCE INC	COM	931427108	32	587	SH	DFND	28	0	587	0
WASTE CONNECTIONS INC	COM	94106B101	132	1,378	SH	DFND	28	0	1,378	0
WASTE MGMT INC DEL	COM	94106L109	80	691	SH	DFND	28	0	691	0
WATERS CORP	COM	941848103	50	231	SH	DFND	28	0	231	0
WATSCO INC	COM	942622200	23	143	SH	DFND	28	0	143	0
WAYFAIR INC	CL A	94419L101	7	45	SH	DFND	28	0	45	0
WEBSTER FINL CORP CONN	COM	947890109	118	2,461	SH	DFND	28	0	2,461	0
WEIGHT WATCHERS INTL INC NEW	COM	948626106	0	17	SH	DFND	28	0	17	0
WELBILT INC	COM	949090104	2	115	SH	DFND	28	0	115	0
WELLCARE HEALTH PLANS INC	COM	94946T106	5	17	SH	DFND	28	0	17	0
WELLS FARGO CO NEW	COM	949746101	134	2,836	SH	DFND	28	0	2,836	0
WELLTOWER INC	COM	95040Q104	129	1,578	SH	DFND	28	0	1,578	0
WESBANCO INC	COM	950810101	25	660	SH	DFND	28	0	660	0
WEST PHARMACEUTICAL SVSC INC	COM	955306105	370	2,960	SH	DFND	28	0	2,960	0
WESTERN ALLIANCE BANCORP	COM	957638109	145	3,243	SH	DFND	28	0	3,243	0
WESTERN DIGITAL CORP	COM	958102105	8	170	SH	DFND	28	0	170	0
WEYERHAEUSER CO	COM	962166104	133	5,060	SH	DFND	28	0	5,060	0
WHIRLPOOL CORP	COM	963320106	5	36	SH	DFND	28	0	36	0
WHITING PETE CORP NEW	COM NEW	966387409	1	30	SH	DFND	28	0	30	0
WILEY JOHN & SONS INC	CL A	968223206	1	17	SH	DFND	28	0	17	0
WILLIAMS COS INC DEL	COM	969457100	26	941	SH	DFND	28	0	941	0

WINGSTOP INC	COM	974155103	55	577	SH	DFND	28	0	577	0
WINTRUST FINL CORP	COM	97650W108	1	15	SH	DFND	28	0	15	0
WISDOMTREE TR	EMER MKT HIGH FD	97717W315	80	1,795	SH	DFND	28	0	1,795	0
WOLVERINE WORLD WIDE INC	COM	978097103	16	599	SH	DFND	28	0	599	0
WOODWARD INC	COM	980745103	141	1,250	SH	DFND	28	0	1,250	0
WORKDAY INC	CL A	98138H101	30	147	SH	DFND	28	0	147	0
WORKIVA INC	COM CL A	98139A105	14	240	SH	DFND	28	0	240	0
WORLDPAY INC	CL A	981558109	11	93	SH	DFND	28	0	93	0
WORLD WRESTLING ENTMT INC	CL A	98156Q108	8	106	SH	DFND	28	0	106	0
WPX ENERGY INC	COM	98212B103	2	166	SH	DFND	28	0	166	0
WYNDHAM DESTINATIONS INC	COM	98310W108	6	145	SH	DFND	28	0	145	0
WYNDHAM HOTELS & RESORTS INC	COM	98311A105	15	264	SH	DFND	28	0	264	0
WYNN RESORTS LTD	COM	983134107	29	231	SH	DFND	28	0	231	0
XPO LOGISTICS INC	COM	983793100	5	81	SH	DFND	28	0	81	0
XCEL ENERGY INC	COM	98389B100	19	321	SH	DFND	28	0	321	0
XILINX INC	COM	983919101	732	6,205	SH	DFND	28	0	6,205	0
XYLEM INC	COM	98419M100	19	230	SH	DFND	28	0	230	0
YUM BRANDS INC	COM	988498101	17	151	SH	DFND	28	0	151	0
YUM CHINA HLDGS INC	COM	98850P109	38	819	SH	DFND	28	0	819	0
ZAYO GROUP HLDGS INC	COM	98919V105	16	483	SH	DFND	28	0	483	0
ZEBRA TECHNOLOGIES CORP	CL A	989207105	759	3,622	SH	DFND	28	0	3,622	0
ZENDESK INC	COM	98936J101	2	23	SH	DFND	28	0	23	0
ZILLOW GROUP INC	CL C CAP STK	98954M200	7	145	SH	DFND	28	0	145	0
ZIMMER BIOMET HLDGS INC	COM	98956P102	11	93	SH	DFND	28	0	93	0
ZOGENIX INC	COM NEW	98978L204	5	99	SH	DFND	28	0	99	0
ZOETIS INC	CL A	98978V103	1,100	9,693	SH	DFND	28	0	9,693	0
ADIENT PLC	ORD SHS	G0084W101	1	51	SH	DFND	28	0	51	0
ALLEGION PUB LTD CO	ORD SHS	G0176J109	6	54	SH	DFND	28	0	54	0
ALLERGAN PLC	SHS	G0177J108	77	463	SH	DFND	28	0	463	0
AMCOR PLC	ORD	G0250X107	21	1,867	SH	DFND	28	0	1,867	0
AMDOCS LTD	SHS	G02602103	3	46	SH	DFND	28	0	46	0
AON PLC	SHS CL A	G0408V102	64	330	SH	DFND	28	0	330	0
ARCH CAP GROUP LTD	ORD	G0450A105	10	268	SH	DFND	28	0	268	0
ARGO GROUP INTL HLDGS LTD	COM	G0464B107	65	878	SH	DFND	28	0	878	0
ATLASSIAN CORP PLC	CL A	G06242104	1	8	SH	DFND	28	0	8	0
AXIS CAPITAL HOLDINGS LTD	SHS	G0692U109	0	5	SH	DFND	28	0	5	0
AXALTA COATING SYS LTD	COM	G0750C108	1	48	SH	DFND	28	0	48	0
BIOHAVEN PHARMACTL HLDG CO L	COM	G11196105	25	567	SH	DFND	28	0	567	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	532	2,881	SH	DFND	28	0	2,881	0
COCA COLA EUROPEAN PARTNERS	SHS	G25839104	39	684	SH	DFND	28	0	684	0
EATON CORP PLC	SHS	G29183103	223	2,677	SH	DFND	28	0	2,677	0
ENDO INTL PLC	SHS	G30401106	0	45	SH	DFND	28	0	45	0
ENSTAR GROUP LIMITED	SHS	G3075P101	11	62	SH	DFND	28	0	62	0
EVEREST RE GROUP LTD	COM	G3223R108	15	61	SH	DFND	28	0	61	0
FRESH DEL MONTE PRODUCE INC	ORD	G36738105	9	340	SH	DFND	28	0	340	0
GENPACT LIMITED	SHS	G3922B107	357	9,381	SH	DFND	28	0	9,381	0

HORIZON THERAPEUTICS PUB LTD	SHS	G46188101	41	1,697	SH	DFND	28	0	1,697	0
IHS MARKIT LTD	SHS	G47567105	210	3,293	SH	DFND	28	0	3,293	0
INGERSOLL-RAND PLC	SHS	G47791101	422	3,329	SH	DFND	28	0	3,329	0
INVESCO LTD	SHS	G491BT108	52	2,547	SH	DFND	28	0	2,547	0
JAMES RIV GROUP LTD	COM	G5005R107	120	2,552	SH	DFND	28	0	2,552	0
JAZZ PHARMACEUTICALS PLC	SHS USD	G50871105	101	706	SH	DFND	28	0	706	0
JOHNSON CTLS INTL PLC	SHS	G51502105	236	5,717	SH	DFND	28	0	5,717	0
LIBERTY GLOBAL PLC	SHS CL C	G5480U120	11	416	SH	DFND	28	0	416	0
LINDE PLC	SHS	G5494J103	635	3,162	SH	DFND	28	0	3,162	0
LIVANOVA PLC	SHS	G5509L101	1	15	SH	DFND	28	0	15	0
MEDTRONIC PLC	SHS	G5960L103	420	4,314	SH	DFND	28	0	4,314	0
APTIV PLC	SHS	G6095L109	86	1,068	SH	DFND	28	0	1,068	0
NIELSEN HLDGS PLC	SHS EUR	G6518L108	6	260	SH	DFND	28	0	260	0
NVENT ELECTRIC PLC	SHS	G6700G107	0	10	SH	DFND	28	0	10	0
RENAISSANCERE HOLDINGS LTD	COM	G7496G103	99	557	SH	DFND	28	0	557	0
SEAGATE TECHNOLOGY PLC	SHS	G7945M107	6	121	SH	DFND	28	0	121	0
PENTAIR PLC	SHS	G7S00T104	0	11	SH	DFND	28	0	11	0
STERIS PLC	SHS USD	G8473T100	491	3,296	SH	DFND	28	0	3,296	0
TRITON INTL LTD	CL A	G9078F107	0	6	SH	DFND	28	0	6	0
ALCON INC	ORD SHS	H01301128	249	4,017	SH	DFND	28	0	4,017	0
CHUBB LIMITED	COM	H1467J104	450	3,058	SH	DFND	28	0	3,058	0
TE CONNECTIVITY LTD	REG SHS	H84989104	177	1,852	SH	DFND	28	0	1,852	0
GLOBANT S A	COM	L44385109	3	29	SH	DFND	28	0	29	0
SPOTIFY TECHNOLOGY S A	SHS	L8681T102	20	135	SH	DFND	28	0	135	0
CHECK POINT SOFTWARE TECH LT	ORD	M22465104	602	5,210	SH	DFND	28	0	5,210	0
AERCAP HOLDINGS NV	SHS	N00985106	81	1,552	SH	DFND	28	0	1,552	0
ASML HOLDING N V	N Y REGISTRY SHS	N07059210	271	1,302	SH	DFND	28	0	1,302	0
CORE LABORATORIES N V	COM	N22717107	9	173	SH	DFND	28	0	173	0
LYONDELLBASELL INDUSTRIES N	SHS - A -	N53745100	8	93	SH	DFND	28	0	93	0
NXP SEMICONDUCTORS N V	COM	N6596X109	355	3,639	SH	DFND	28	0	3,639	0
QIAGEN NV	SHS NEW	N72482123	9	223	SH	DFND	28	0	223	0
WRIGHT MED GROUP N V	ORD SHS	N96617118	6	205	SH	DFND	28	0	205	0
YANDEX N V	SHS CLASS A	N97284108	283	7,440	SH	DFND	28	0	7,440	0
ROYAL CARIBBEAN CRUISES LTD	COM	V7780T103	51	421	SH	DFND	28	0	421	0
ARTISAN PARTNERS ASSET MGMT	CL A	04316A108	177	6,444	SH	DFND	14	5,780	664	0
MORNINGSTAR INC	COM	617700109	160	1,103	SH	DFND	14	1,103	0	0
NUTANIX INC	CL A	67059N108	166	6,400	SH	DFND	14	6,400	0	0
PROS HOLDINGS INC	COM	74346Y103	193	3,055	SH	DFND	14	3,055	0	0