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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: 12-31-2019

Check here if Amendment ☒ Amendment Number: 1

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

☒ 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

[Signature]

Newark, NJ

[City, State]

08-05-2021

[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 and PGIM Securities Investment Trust Enterprise, which previously reported an accurate list of reportable 13F securities.

Report Type (Check only one.):

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

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

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

Form 13F Summary Page

Report Summary:

Number of Other Included Managers: 3

Form 13F Information Table Entry Total: 1,286

Form 13F Information Table Value Total: 383,607

(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.
18	028-17205	PGIM SECURITIES INVESTMENT TRUST ENTERPRISE

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Washington, D.C. 20549

FORM 13F

OMB APPROVAL

OMB Number: 3235-0006
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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 0007	00090Q103	3	394	SH DFND	28	0 394 0
AFLAC INC	COM 0052	001055102	212	4,000	SH DFND	28	0 4,000 0
AGNC INVT CORP	COM 0017	00123Q104	13	741	SH DFND	28	0 741 0
AES CORP	COM 0019	00130H105	183	9,212	SH DFND	28	0 9,212 0
ALPS ETF TR	ALERIAN MLP 0008	00162Q866	161	18,971	SH DFND	28	0 18,971 0
AMC NETWORKS INC	CL A 0039	00164V103	1	17	SH DFND	28	0 17 0
AMN HEALTHCARE SERVICES INC	COM 0062	001744101	92	1,471	SH DFND	28	0 1,471 0
AT&T INC	COM 0039	00206R102	573	14,666	SH DFND	28	0 14,666 0
AARONS INC	COM PAR \$0.50 0057	002535300	78	1,369	SH DFND	28	0 1,369 0
ABBOTT LABS	COM 0086	002824100	554	6,375	SH DFND	28	0 6,375 0
ABBVIE INC	COM 0088	00287Y109	804	9,084	SH DFND	28	0 9,084 0
ABIOMED INC	COM 0170	003654100	19	114	SH DFND	28	0 114 0
ACADIA HEALTHCARE COMPANY IN	COM 0033	00404A109	81	2,443	SH DFND	28	0 2,443 0
ACADIA PHARMACEUTICALS INC	COM 0042	004225108	7	158	SH DFND	28	0 158 0
ACADIA RLTY TR	COM SH BEN INT 0025	004239109	1	51	SH DFND	28	0 51 0
ACCELERON PHARMA INC	COM 0053	00434H108	8	152	SH DFND	28	0 152 0
ACTIVISION BLIZZARD INC	COM 0059	00507V109	130	2,195	SH DFND	28	0 2,195 0
ACUITY BRANDS INC	COM 0138	00508Y102	72	520	SH DFND	28	0 520 0
ADDUS HOMECARE CORP	COM 0097	006739106	12	127	SH DFND	28	0 127 0
ADOBE INC	COM 0329	00724F101	1,408	4,268	SH DFND	28	0 4,268 0
ADVANCE AUTO PARTS INC	COM 0160	00751Y106	284	1,776	SH DFND	28	0 1,776 0
ADVANSIX INC	COM 0019	00773T101	0	3	SH DFND	28	0 3 0
AEROJET ROCKETDYNE HLDGS INC	COM 0045	007800105	30	664	SH DFND	28	0 664 0
ADVANCED MICRO DEVICES INC	COM 0045	007903107	8	177	SH DFND	28	0 177 0
ADVANCED ENERGY INDS	COM 0071	007973100	88	1,238	SH DFND	28	0 1,238 0
AGILENT TECHNOLOGIES INC	COM 0085	00846U101	184	2,157	SH DFND	28	0 2,157 0
AGREE REALTY CORP	COM 0070	008492100	35	500	SH DFND	28	0 500 0
AIR LEASE CORP	CL A 0047	00912X302	102	2,147	SH DFND	28	0 2,147 0
AIR PRODS & CHEMS INC	COM 0234	009158106	69	294	SH DFND	28	0 294 0
AKAMAI TECHNOLOGIES INC	COM 0086	00971T101	780	9,025	SH DFND	28	0 9,025 0
ALASKA AIR GROUP INC	COM 0067	011659109	7	96	SH DFND	28	0 96 0
ALBANY INTL CORP	CL A 0075	012348108	9	118	SH DFND	28	0 118 0

ALBEMARLE CORP	COM 0073	012653101	148	2,028	SH	DFND	28	0	2,028	0
ALEXANDRIA REAL ESTATE EQ IN	COM 0161	015271109	139	859	SH	DFND	28	0	859	0
ALEXION PHARMACEUTICALS INC	COM 0108	015351109	263	2,432	SH	DFND	28	0	2,432	0
ALIBABA GROUP HLDG LTD	SPONSORED ADS 0212	01609W102	1,131	5,334	SH	DFND	28	0	5,334	0
ALIGN TECHNOLOGY INC	COM 0279	016255101	83	296	SH	DFND	28	0	296	0
ALLEGHANY CORP DEL	COM 0799	017175100	1	1	SH	DFND	28	0	1	0
ALLEGHENY TECHNOLOGIES INC	COM 0020	01741R102	84	4,057	SH	DFND	28	0	4,057	0
ALLIANCE DATA SYSTEMS CORP	COM 0112	018581108	2	14	SH	DFND	28	0	14	0
ALLISON TRANSMISSION HLDGS I	COM 0048	01973R101	232	4,808	SH	DFND	28	0	4,808	0
ALLSTATE CORP	COM 0112	020002101	305	2,711	SH	DFND	28	0	2,711	0
ALLY FINL INC	COM 0030	02005N100	1	22	SH	DFND	28	0	22	0
ALPHABET INC	CAP STK CL C 1337	02079K107	2,345	1,754	SH	DFND	28	0	1,754	0
ALPHABET INC	CAP STK CL A 1339	02079K305	946	706	SH	DFND	28	0	706	0
ALTICE USA INC	CL A 0027	02156K103	24	861	SH	DFND	28	0	861	0
ALTRA INDL MOTION CORP	COM 0036	02208R106	5	145	SH	DFND	28	0	145	0
ALTRIA GROUP INC	COM 0049	02209S103	179	3,580	SH	DFND	28	0	3,580	0
AMAZON COM INC	COM 1847	023135106	3,198	1,730	SH	DFND	28	0	1,730	0
AMBEV SA	SPONSORED ADR 0004	02319V103	228	48,859	SH	DFND	28	0	48,859	0
AMEDISYS INC	COM 0166	023436108	9	54	SH	DFND	28	0	54	0
AMERCO	COM 0375	023586100	2	5	SH	DFND	28	0	5	0
AMEREN CORP	COM 0076	023608102	30	396	SH	DFND	28	0	396	0
AMERICAN CAMPUS CMNTYS INC	COM 0047	024835100	205	4,356	SH	DFND	28	0	4,356	0
AMERICAN ELEC PWR CO INC	COM 0094	025537101	79	831	SH	DFND	28	0	831	0
AMERICAN EQTY INVT LIFE HLD	COM 0029	025676206	77	2,570	SH	DFND	28	0	2,570	0
AMERICAN EXPRESS CO	COM 0124	025816109	445	3,578	SH	DFND	28	0	3,578	0
AMERICAN INTL GROUP INC	COM NEW 0051	026874784	429	8,351	SH	DFND	28	0	8,351	0
AMERICAN STS WTR CO	COM 0086	029899101	99	1,140	SH	DFND	28	0	1,140	0
AMERICAN TOWER CORP NEW	COM 0229	03027X100	783	3,409	SH	DFND	28	0	3,409	0
AMERICAN WTR WKS CO INC NEW	COM 0122	030420103	28	228	SH	DFND	28	0	228	0
AMERICAN WOODMARK CORPORATIO	COM 0104	030506109	46	441	SH	DFND	28	0	441	0
AMERICOLD RLTY TR	COM 0035	03064D108	253	7,214	SH	DFND	28	0	7,214	0
AMERISAFE INC	COM 0066	03071H100	72	1,089	SH	DFND	28	0	1,089	0
AMERISOURCEBERGEN CORP	COM 0085	03073E105	137	1,615	SH	DFND	28	0	1,615	0
AMERIPRISE FINL INC	COM 0166	03076C106	223	1,338	SH	DFND	28	0	1,338	0
AMETEK INC NEW	COM 0099	031100100	415	4,164	SH	DFND	28	0	4,164	0
AMGEN INC	COM 0241	031162100	829	3,439	SH	DFND	28	0	3,439	0
AMICUS THERAPEUTICS INC	COM 0009	03152W109	0	42	SH	DFND	28	0	42	0
AMPHENOL CORP NEW	CL A 0108	032095101	712	6,574	SH	DFND	28	0	6,574	0
ANALOG DEVICES INC	COM 0118	032654105	31	258	SH	DFND	28	0	258	0
ANGIODYNAMICS INC	COM 0016	03475V101	13	795	SH	DFND	28	0	795	0
ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR 0082	03524A108	253	3,083	SH	DFND	28	0	3,083	0
ANIKA THERAPEUTICS INC	COM 0051	035255108	3	56	SH	DFND	28	0	56	0

ANIXTER INTL INC	COM 0092	035290105	12	129	SH	DFND	28	0	129	0
ANSYS INC	COM 0257	03662Q105	397	1,542	SH	DFND	28	0	1,542	0
ANTHEM INC	COM 0302	036752103	517	1,711	SH	DFND	28	0	1,711	0
APACHE CORP	COM 0025	037411105	3	109	SH	DFND	28	0	109	0
APARTMENT INVT & MGMT CO	CL A 0051	03748R754	7	126	SH	DFND	28	0	126	0
APERGY CORP	COM 0033	03755L104	58	1,727	SH	DFND	28	0	1,727	0
APPLE INC	COM 0293	037833100	2,597	8,844	SH	DFND	28	0	8,844	0
APPLIED INDL TECHNOLOGIES IN	COM 0066	03820C105	191	2,867	SH	DFND	28	0	2,867	0
APPLIED MATLS INC	COM 0061	038222105	265	4,349	SH	DFND	28	0	4,349	0
APTARGROUP INC	COM 0115	038336103	110	952	SH	DFND	28	0	952	0
AQUA AMERICA INC	COM 0046	03836W103	19	412	SH	DFND	28	0	412	0
ARAMARK	COM 0043	03852U106	1	29	SH	DFND	28	0	29	0
ARCHER DANIELS MIDLAND CO	COM 0046	039483102	1	14	SH	DFND	28	0	14	0
ARCOSA INC	COM 0044	039653100	0	10	SH	DFND	28	0	10	0
ARCONIC INC	COM 0030	03965L100	260	8,461	SH	DFND	28	0	8,461	0
ARES MANAGEMENT CORPORATION	CL A COM STK 0035	03990B101	2	47	SH	DFND	28	0	47	0
ARENA PHARMACEUTICALS INC	COM NEW 0045	040047607	6	140	SH	DFND	28	0	140	0
ARISTA NETWORKS INC	COM 0203	040413106	50	246	SH	DFND	28	0	246	0
ARMSTRONG WORLD INDS INC NEW	COM 0093	04247X102	1	12	SH	DFND	28	0	12	0
ARQULE INC	COM 0019	04269E107	11	568	SH	DFND	28	0	568	0
ARROW ELECTRS INC	COM 0084	042735100	49	584	SH	DFND	28	0	584	0
ARROWHEAD PHARMACEUTICALS IN	COM 0063	04280A100	6	96	SH	DFND	28	0	96	0
ASPEN TECHNOLOGY INC	COM 0120	045327103	135	1,119	SH	DFND	28	0	1,119	0
ASTRAZENECA PLC	SPONSORED ADR 0049	046353108	246	4,935	SH	DFND	28	0	4,935	0
ATLANTIC UN BANKSHARES CORP	COM 0037	04911A107	147	3,909	SH	DFND	28	0	3,909	0
ATMOS ENERGY CORP	COM 0111	049560105	72	642	SH	DFND	28	0	642	0
AUTODESK INC	COM 0183	052769106	883	4,812	SH	DFND	28	0	4,812	0
AUTOMATIC DATA PROCESSING IN	COM 0170	053015103	401	2,353	SH	DFND	28	0	2,353	0
AUTOZONE INC	COM 1191	053332102	60	50	SH	DFND	28	0	50	0
AVALARA INC	COM 0073	05338G106	8	116	SH	DFND	28	0	116	0
AVALONBAY CMNTYS INC	COM 0209	053484101	34	164	SH	DFND	28	0	164	0
AVANOS MED INC	COM 0033	05350V106	1	25	SH	DFND	28	0	25	0
AVANGRID INC	COM 0051	05351W103	6	112	SH	DFND	28	0	112	0
AVERY DENNISON CORP	COM 0130	053611109	214	1,635	SH	DFND	28	0	1,635	0
AVISTA CORP	COM 0048	05379B107	21	445	SH	DFND	28	0	445	0
AVNET INC	COM 0042	053807103	49	1,151	SH	DFND	28	0	1,151	0
AXON ENTERPRISE INC	COM 0073	05464C101	0	6	SH	DFND	28	0	6	0
BCE INC	COM NEW 0046	05534B760	301	6,489	SH	DFND	28	0	6,489	0
BGC PARTNERS INC	CL A 0005	05541T101	14	2,300	SH	DFND	28	0	2,300	0
BJS WHSL CLUB HLDGS INC	COM 0022	05550J101	136	5,966	SH	DFND	28	0	5,966	0
BOK FINL CORP	COM NEW 0087	05561Q201	130	1,493	SH	DFND	28	0	1,493	0
BP PLC	SPONSORED ADR 0037	055622104	299	7,924	SH	DFND	28	0	7,924	0
BWX TECHNOLOGIES INC	COM 0062	05605H100	412	6,639	SH	DFND	28	0	6,639	0

BADGER METER INC	COM 0064	056525108	158	2,431	SH	DFND	28	0	2,431	0
BAIDU INC	SPON ADR REP A 0126	056752108	389	3,077	SH	DFND	28	0	3,077	0
BAKER HUGHES COMPANY	CL A 0025	05722G100	15	597	SH	DFND	28	0	597	0
BALCHEM CORP	COM 0101	057665200	38	377	SH	DFND	28	0	377	0
BALL CORP	COM 0064	058498106	2	35	SH	DFND	28	0	35	0
BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR 0005	05946K101	305	54,737	SH	DFND	28	0	54,737	0
BANK AMER CORP	COM 0035	060505104	667	18,941	SH	DFND	28	0	18,941	0
BANK HAWAII CORP	COM 0095	062540109	46	481	SH	DFND	28	0	481	0
BANK NEW YORK MELLON CORP	COM 0050	064058100	15	300	SH	DFND	28	0	300	0
BANK OZK	COM 0030	06417N103	105	3,445	SH	DFND	28	0	3,445	0
BARNES GROUP INC	COM 0061	067806109	60	972	SH	DFND	28	0	972	0
BAXTER INTL INC	COM 0083	071813109	584	6,981	SH	DFND	28	0	6,981	0
BECTON DICKINSON & CO	COM 0271	075887109	93	340	SH	DFND	28	0	340	0
BENCHMARK ELECTRS INC	COM 0034	08160H101	35	1,024	SH	DFND	28	0	1,024	0
BERKSHIRE HATHAWAY INC DEL	CL B NEW 0226	084670702	300	1,325	SH	DFND	28	0	1,325	0
BERRY GLOBAL GROUP INC	COM 0047	08579W103	86	1,801	SH	DFND	28	0	1,801	0
BEST BUY INC	COM 0087	086516101	34	383	SH	DFND	28	0	383	0
BIG LOTS INC	COM 0028	089302103	21	745	SH	DFND	28	0	745	0
BIO RAD LABS INC	CL A 0370	090572207	283	765	SH	DFND	28	0	765	0
BIOMARIN PHARMACEUTICAL INC	COM 0084	09061G101	226	2,671	SH	DFND	28	0	2,671	0
BIOGEN INC	COM 0296	09062X103	40	135	SH	DFND	28	0	135	0
BIOTELEMETRY INC	COM 0046	090672106	3	67	SH	DFND	28	0	67	0
BIO TECHNE CORP	COM 0219	09073M104	2	8	SH	DFND	28	0	8	0
BJS RESTAURANTS INC	COM 0037	09180C106	86	2,268	SH	DFND	28	0	2,268	0
BLACK HILLS CORP	COM 0078	092113109	22	286	SH	DFND	28	0	286	0
BLACK KNIGHT INC	COM 0064	09215C105	156	2,416	SH	DFND	28	0	2,416	0
BLACKBAUD INC	COM 0079	09227Q100	29	370	SH	DFND	28	0	370	0
BLACKLINE INC	COM 0051	09239B109	2	32	SH	DFND	28	0	32	0
BLACKROCK INC	COM 0502	09247X101	361	718	SH	DFND	28	0	718	0
BLACKSTONE MTG TR INC	COM CL A 0037	09257W100	10	265	SH	DFND	28	0	265	0
BLACKSTONE GROUP INC	COM CL A 0055	09260D107	34	605	SH	DFND	28	0	605	0
BLOOMIN BRANDS INC	COM 0022	094235108	107	4,843	SH	DFND	28	0	4,843	0
BLUEPRINT MEDICINES CORP	COM 0080	09627Y109	21	257	SH	DFND	28	0	257	0
BOEING CO	COM 0325	097023105	139	427	SH	DFND	28	0	427	0
BOOKING HLDGS INC	COM 2053	09857L108	601	292	SH	DFND	28	0	292	0
BOOT BARN HLDGS INC	COM 0044	099406100	24	539	SH	DFND	28	0	539	0
BOOZ ALLEN HAMILTON HLDG COR	CL A 0071	099502106	319	4,484	SH	DFND	28	0	4,484	0
BORGWARNER INC	COM 0043	099724106	115	2,652	SH	DFND	28	0	2,652	0
BOSTON BEER INC	CL A 0377	100557107	2	4	SH	DFND	28	0	4	0
BOSTON PROPERTIES INC	COM 0137	101121101	55	399	SH	DFND	28	0	399	0
BOSTON SCIENTIFIC CORP	COM 0045	101137107	171	3,785	SH	DFND	28	0	3,785	0
BOX INC	CL A 0016	10316T104	3	192	SH	DFND	28	0	192	0
BOYD GAMING CORP	COM 0029	103304101	4	140	SH	DFND	28	0	140	0
BRADY CORP	CL A 0057	104674106	15	269	SH	DFND	28	0	269	0
BRANDYWINE RLTY TR	SH BEN INT NEW 0015	105368203	1	37	SH	DFND	28	0	37	0

BRIGHT HORIZONS FAM SOL IN D	COM 0150	109194100	11	75	SH	DFND	28	0	75	0
BRINKS CO	COM 0090	109696104	29	324	SH	DFND	28	0	324	0
BRISTOL MYERS SQUIBB CO	COM 0064	110122108	641	9,993	SH	DFND	28	0	9,993	0
BRIXMOR PPTY GROUP INC	COM 0021	11120U105	11	494	SH	DFND	28	0	494	0
BROADRIDGE FINL SOLUTIONS IN	COM 0123	11133T103	221	1,787	SH	DFND	28	0	1,787	0
BROADCOM INC	COM 0316	11135F101	274	866	SH	DFND	28	0	866	0
BROOKS AUTOMATION INC	COM 0041	114340102	11	270	SH	DFND	28	0	270	0
BROWN & BROWN INC	COM 0039	115236101	12	294	SH	DFND	28	0	294	0
BROWN FORMAN CORP	CL B 0067	115637209	380	5,614	SH	DFND	28	0	5,614	0
BUILDERS FIRSTSOURCE INC	COM 0025	12008R107	18	703	SH	DFND	28	0	703	0
BURLINGTON STORES INC	COM 0228	122017106	455	1,996	SH	DFND	28	0	1,996	0
CBOE GLOBAL MARKETS INC	COM 0120	12503M108	19	156	SH	DFND	28	0	156	0
CBRE GROUP INC	CL A 0061	12504L109	655	10,684	SH	DFND	28	0	10,684	0
CDK GLOBAL INC	COM 0054	12508E101	3	54	SH	DFND	28	0	54	0
CDW CORP	COM 0142	12514G108	545	3,817	SH	DFND	28	0	3,817	0
CF INDS HLDGS INC	COM 0047	125269100	30	621	SH	DFND	28	0	621	0
C H ROBINSON WORLDWIDE INC	COM NEW 0078	12541W209	133	1,702	SH	DFND	28	0	1,702	0
CIGNA CORP NEW	COM 0204	125523100	121	591	SH	DFND	28	0	591	0
CME GROUP INC	COM 0200	12572Q105	62	310	SH	DFND	28	0	310	0
CMS ENERGY CORP	COM 0062	125896100	24	384	SH	DFND	28	0	384	0
CNA FINL CORP	COM 0044	126117100	2	36	SH	DFND	28	0	36	0
CSX CORP	COM 0072	126408103	235	3,244	SH	DFND	28	0	3,244	0
CTS CORP	COM 0030	126501105	21	708	SH	DFND	28	0	708	0
CVB FINL CORP	COM 0021	126600105	18	843	SH	DFND	28	0	843	0
CVS HEALTH CORP	COM 0074	126650100	400	5,391	SH	DFND	28	0	5,391	0
CABLE ONE INC	COM 1488	12685J105	164	110	SH	DFND	28	0	110	0
CABOT CORP	COM 0047	127055101	53	1,124	SH	DFND	28	0	1,124	0
CABOT OIL & GAS CORP	COM 0017	127097103	2	132	SH	DFND	28	0	132	0
CABOT MICROELECTRONICS CORP	COM 0144	12709P103	238	1,651	SH	DFND	28	0	1,651	0
CACI INTL INC	CL A 0249	127190304	106	426	SH	DFND	28	0	426	0
CACTUS INC	CL A 0034	127203107	30	868	SH	DFND	28	0	868	0
CADENCE DESIGN SYSTEM INC	COM 0069	127387108	13	184	SH	DFND	28	0	184	0
CADENCE BANCORPORATION	CL A 0018	12739A100	4	199	SH	DFND	28	0	199	0
CAESARS ENTMT CORP	COM 0013	127686103	1	76	SH	DFND	28	0	76	0
CALAMP CORP	COM 0009	128126109	12	1,240	SH	DFND	28	0	1,240	0
CALAVO GROWERS INC	COM 0090	128246105	99	1,095	SH	DFND	28	0	1,095	0
CALLON PETE CO DEL	COM 0004	13123X102	28	5,792	SH	DFND	28	0	5,792	0
CAMDEN PPTY TR	SH BEN INT 0106	133131102	1	9	SH	DFND	28	0	9	0
CDN IMPERIAL BK COMM TORONTO	COM 0083	136069101	209	2,512	SH	DFND	28	0	2,512	0
CANADIAN NATL RY CO	COM 0090	136375102	592	6,549	SH	DFND	28	0	6,549	0
CANADIAN PAC RY LTD	COM 0254	13645T100	402	1,577	SH	DFND	28	0	1,577	0
CANTEL MEDICAL CORP	COM 0070	138098108	88	1,246	SH	DFND	28	0	1,246	0
CAPITAL ONE FINL CORP	COM 0102	14040H105	4	40	SH	DFND	28	0	40	0
CARDINAL HEALTH INC	COM 0050	14149Y108	85	1,684	SH	DFND	28	0	1,684	0
CARGURUS INC	COM CL A 0035	141788109	13	367	SH	DFND	28	0	367	0
CARLISLE COS INC	COM 0161	142339100	1	6	SH	DFND	28	0	6	0

CARMAX INC	COM 0087	143130102	231	2,630	SH	DFND	28	0	2,630	0
CARNIVAL CORP	UNIT 99/99/9999 0050	143658300	1	29	SH	DFND	28	0	29	0
CARPENTER TECHNOLOGY CORP	COM 0049	144285103	31	613	SH	DFND	28	0	613	0
CARTERS INC	COM 0109	146229109	134	1,227	SH	DFND	28	0	1,227	0
CASELLA WASTE SYS INC	CL A 0046	147448104	18	390	SH	DFND	28	0	390	0
CASEYS GEN STORES INC	COM 0158	147528103	435	2,734	SH	DFND	28	0	2,734	0
CATALENT INC	COM 0056	148806102	231	4,100	SH	DFND	28	0	4,100	0
CATERPILLAR INC DEL	COM 0147	149123101	56	381	SH	DFND	28	0	381	0
CAVCO INDS INC DEL	COM 0195	149568107	184	942	SH	DFND	28	0	942	0
CELANESE CORP DEL	COM 0123	150870103	11	86	SH	DFND	28	0	86	0
CENTENE CORP DEL	COM 0062	15135B101	497	7,910	SH	DFND	28	0	7,910	0
CENTERPOINT ENERGY INC	COM 0027	15189T107	1	34	SH	DFND	28	0	34	0
CENTURYLINK INC	COM 0013	156700106	30	2,239	SH	DFND	28	0	2,239	0
CERENCE INC	COM 0022	156727109	1	29	SH	DFND	28	0	29	0
CERNER CORP	COM 0073	156782104	27	368	SH	DFND	28	0	368	0
CHANGYOU COM LTD	ADS REP CL A 0009	15911M107	0	11	SH	DFND	28	0	11	0
CHARLES RIV LABS INTL INC	COM 0152	159864107	128	840	SH	DFND	28	0	840	0
CHART INDS INC	COM PAR \$0.01 0067	16115Q308	45	667	SH	DFND	28	0	667	0
CHARTER COMMUNICATIONS INC N	CL A 0485	16119P108	158	325	SH	DFND	28	0	325	0
CHEESECAKE FACTORY INC	COM 0038	163072101	22	575	SH	DFND	28	0	575	0
CHEGG INC	COM 0037	163092109	6	153	SH	DFND	28	0	153	0
CHEMED CORP NEW	COM 0439	16359R103	163	371	SH	DFND	28	0	371	0
CHEMOURS CO	COM 0018	163851108	0	6	SH	DFND	28	0	6	0
CHENIERE ENERGY INC	COM NEW 0061	16411R208	30	495	SH	DFND	28	0	495	0
CHESAPEAKE UTILS CORP	COM 0095	165303108	22	230	SH	DFND	28	0	230	0
CHEVRON CORP NEW	COM 0120	166764100	1,301	10,795	SH	DFND	28	0	10,795	0
CHIPOTLE MEXICAN GRILL INC	COM 0837	169656105	246	294	SH	DFND	28	0	294	0
CHURCH & DWIGHT INC	COM 0070	171340102	120	1,708	SH	DFND	28	0	1,708	0
CHURCHILL DOWNS INC	COM 0137	171484108	1	7	SH	DFND	28	0	7	0
CIMAREX ENERGY CO	COM 0052	171798101	53	1,015	SH	DFND	28	0	1,015	0
CINEMARK HOLDINGS INC	COM 0033	17243V102	3	83	SH	DFND	28	0	83	0
CISCO SYS INC	COM 0047	17275R102	1,082	22,569	SH	DFND	28	0	22,569	0
CINTAS CORP	COM 0269	172908105	524	1,946	SH	DFND	28	0	1,946	0
CITIGROUP INC	COM NEW 0079	172967424	537	6,719	SH	DFND	28	0	6,719	0
CITIZENS FINL GROUP INC	COM 0040	174610105	193	4,759	SH	DFND	28	0	4,759	0
CITRIX SYS INC	COM 0110	177376100	3	28	SH	DFND	28	0	28	0
CLEAN HARBORS INC	COM 0085	184496107	9	106	SH	DFND	28	0	106	0
CLEVELAND CLIFFS INC	COM 0008	185899101	4	458	SH	DFND	28	0	458	0
CLOROX CO DEL	COM 0153	189054109	5	33	SH	DFND	28	0	33	0
COCA COLA CO	COM 0055	191216100	298	5,389	SH	DFND	28	0	5,389	0
COGENT COMMUNICATIONS HLDGS	COM NEW 0065	19239V302	95	1,438	SH	DFND	28	0	1,438	0
COGNEX CORP	COM 0056	192422103	375	6,693	SH	DFND	28	0	6,693	0
COGNIZANT TECHNOLOGY SOLUTIO	CL A 0062	192446102	28	450	SH	DFND	28	0	450	0
COHERENT INC	COM 0166	192479103	58	346	SH	DFND	28	0	346	0
COHEN & STEERS INC	COM 0062	19247A100	122	1,946	SH	DFND	28	0	1,946	0
COLGATE PALMOLIVE CO	COM 0068	194162103	54	779	SH	DFND	28	0	779	0
COLUMBIA BKG SYS INC	COM 0040	197236102	57	1,393	SH	DFND	28	0	1,393	0

COMFORT SYS USA INC	COM 0049	199908104	80	1,613	SH	DFND	28	0	1,613	0
COMCAST CORP NEW	CL A 0044	20030N101	1,194	26,557	SH	DFND	28	0	26,557	0
COMERICA INC	COM 0071	200340107	2	24	SH	DFND	28	0	24	0
COMMERCE BANCSHARES INC	COM 0067	200525103	13	187	SH	DFND	28	0	187	0
COMMVAULT SYSTEMS INC	COM 0044	204166102	13	294	SH	DFND	28	0	294	0
CONDUENT INC	COM 0006	206787103	0	12	SH	DFND	28	0	12	0
CONMED CORP	COM 0111	207410101	6	53	SH	DFND	28	0	53	0
CONOCOPHILLIPS	COM 0065	20825C104	818	12,577	SH	DFND	28	0	12,577	0
CONSOLIDATED EDISON INC	COM 0090	209115104	7	76	SH	DFND	28	0	76	0
CONSTELLATION BRANDS INC	CL A 0189	21036P108	9	46	SH	DFND	28	0	46	0
CONTINENTAL RESOURCES INC	COM 0034	212015101	81	2,352	SH	DFND	28	0	2,352	0
COOPER COS INC	COM NEW 0321	216648402	199	620	SH	DFND	28	0	620	0
COPART INC	COM 0090	217204106	89	977	SH	DFND	28	0	977	0
CORE MARK HOLDING CO INC	COM 0027	218681104	65	2,374	SH	DFND	28	0	2,374	0
CORESITE RLTY CORP	COM 0112	21870Q105	116	1,039	SH	DFND	28	0	1,039	0
CORELOGIC INC	COM 0043	21871D103	2	41	SH	DFND	28	0	41	0
CORNERSTONE ONDEMAND INC	COM 0058	21925Y103	36	613	SH	DFND	28	0	613	0
CORNING INC	COM 0029	219350105	98	3,367	SH	DFND	28	0	3,367	0
CORPORATE OFFICE PPTYS TR	SH BEN INT 0029	22002T108	7	222	SH	DFND	28	0	222	0
CORTEVA INC	COM 0029	22052L104	184	6,227	SH	DFND	28	0	6,227	0
COSTCO WHSL CORP NEW	COM 0293	22160K105	1,488	5,063	SH	DFND	28	0	5,063	0
COSTAR GROUP INC	COM 0598	22160N109	96	160	SH	DFND	28	0	160	0
CREE INC	COM 0046	225447101	3	75	SH	DFND	28	0	75	0
CROWN CASTLE INTL CORP NEW	COM 0142	22822V101	393	2,763	SH	DFND	28	0	2,763	0
CROWN HOLDINGS INC	COM 0072	228368106	2	34	SH	DFND	28	0	34	0
CUBESMART	COM 0031	229663109	13	427	SH	DFND	28	0	427	0
CUMMINS INC	COM 0178	231021106	837	4,676	SH	DFND	28	0	4,676	0
CURTISS WRIGHT CORP	COM 0140	231561101	10	73	SH	DFND	28	0	73	0
CYPRESS SEMICONDUCTOR CORP	COM 0023	232806109	2	85	SH	DFND	28	0	85	0
CYRUSONE INC	COM 0065	23283R100	50	760	SH	DFND	28	0	760	0
DMC GLOBAL INC	COM 0044	23291C103	3	63	SH	DFND	28	0	63	0
D R HORTON INC	COM 0052	23331A109	518	9,828	SH	DFND	28	0	9,828	0
DTE ENERGY CO	COM 0129	233331107	17	131	SH	DFND	28	0	131	0
DXC TECHNOLOGY CO	COM 0037	23355L106	4	106	SH	DFND	28	0	106	0
DANAHER CORPORATION	COM 0153	235851102	669	4,359	SH	DFND	28	0	4,359	0
DARDEN RESTAURANTS INC	COM 0109	237194105	210	1,922	SH	DFND	28	0	1,922	0
DARLING INGREDIENTS INC	COM 0028	237266101	58	2,065	SH	DFND	28	0	2,065	0
DAVE & BUSTERS ENTMT INC	COM 0040	238337109	1	14	SH	DFND	28	0	14	0
DECIPHERA PHARMACEUTICALS IN	COM 0062	24344T101	4	65	SH	DFND	28	0	65	0
DECKERS OUTDOOR CORP	COM 0168	243537107	33	197	SH	DFND	28	0	197	0
DEERE & CO	COM 0173	244199105	17	98	SH	DFND	28	0	98	0
DELEK US HLDGS INC NEW	COM 0033	24665A103	84	2,510	SH	DFND	28	0	2,510	0
DELL TECHNOLOGIES INC	CL C 0051	24703L202	0	3	SH	DFND	28	0	3	0
DELTA AIR LINES INC DEL	COM NEW 0058	247361702	211	3,604	SH	DFND	28	0	3,604	0
DELUXE CORP	COM 0049	248019101	15	300	SH	DFND	28	0	300	0
DENNYS CORP	COM 0019	24869P104	48	2,432	SH	DFND	28	0	2,432	0
DENTSPLY SIRONA INC	COM 0056	24906P109	74	1,302	SH	DFND	28	0	1,302	0

DEVON ENERGY CORP NEW	COM 0025	25179M103	1	21	SH	DFND	28	0	21	0
DEXCOM INC	COM 0218	252131107	688	3,147	SH	DFND	28	0	3,147	0
DIAGEO P L C	SPON ADR NEW 0168	25243Q205	412	2,449	SH	DFND	28	0	2,449	0
DIAMONDBACK ENERGY INC	COM 0092	25278X109	290	3,123	SH	DFND	28	0	3,123	0
DICERNA PHARMACEUTICALS INC	COM 0022	253031108	7	321	SH	DFND	28	0	321	0
DIGITAL RLTY TR INC	COM 0119	253868103	40	331	SH	DFND	28	0	331	0
DIODES INC	COM 0056	254543101	61	1,081	SH	DFND	28	0	1,081	0
DISNEY WALT CO	COM DISNEY 0144	254687106	1,047	7,241	SH	DFND	28	0	7,241	0
DISCOVER FINL SVCS	COM 0084	254709108	41	488	SH	DFND	28	0	488	0
DISCOVERY INC	COM SER A 0032	25470F104	298	9,089	SH	DFND	28	0	9,089	0
DISH NETWORK CORP	CL A 0035	25470M109	5	134	SH	DFND	28	0	134	0
DOLBY LABORATORIES INC	COM CL A 0068	25659T107	7	107	SH	DFND	28	0	107	0
DOLLAR GEN CORP NEW	COM 0155	256677105	49	315	SH	DFND	28	0	315	0
DOLLAR TREE INC	COM 0094	256746108	14	154	SH	DFND	28	0	154	0
DOMINION ENERGY INC	COM 0082	25746U109	392	4,733	SH	DFND	28	0	4,733	0
DOMINOS PIZZA INC	COM 0293	25754A201	49	168	SH	DFND	28	0	168	0
DORMAN PRODUCTS INC	COM 0075	258278100	173	2,286	SH	DFND	28	0	2,286	0
DOUGLAS EMMETT INC	COM 0043	25960P109	1	22	SH	DFND	28	0	22	0
DOVER CORP	COM 0115	260003108	162	1,405	SH	DFND	28	0	1,405	0
DOW INC	COM 0054	260557103	172	3,142	SH	DFND	28	0	3,142	0
DRIL QUIP INC	COM 0046	262037104	32	679	SH	DFND	28	0	679	0
DUKE REALTY CORP	COM NEW 0034	264411505	22	645	SH	DFND	28	0	645	0
DUKE ENERGY CORP NEW	COM NEW 0091	26441C204	245	2,692	SH	DFND	28	0	2,692	0
DUPONT DE NEMOURS INC	COM 0064	26614N102	141	2,199	SH	DFND	28	0	2,199	0
DYCOM INDS INC	COM 0047	267475101	19	409	SH	DFND	28	0	409	0
EOG RES INC	COM 0083	26875P101	25	293	SH	DFND	28	0	293	0
E TRADE FINANCIAL CORP	COM NEW 0045	269246401	4	97	SH	DFND	28	0	97	0
EAGLE MATERIALS INC	COM 0090	26969P108	138	1,528	SH	DFND	28	0	1,528	0
EAGLE PHARMACEUTICALS INC	COM 0060	269796108	28	463	SH	DFND	28	0	463	0
EAST WEST BANCORP INC	COM 0048	27579R104	19	388	SH	DFND	28	0	388	0
EASTERLY GOVT PPTYS INC	COM 0023	27616P103	205	8,639	SH	DFND	28	0	8,639	0
EASTGROUP PPTY INC	COM 0132	277276101	68	511	SH	DFND	28	0	511	0
EASTMAN CHEMICAL CO	COM 0079	277432100	148	1,870	SH	DFND	28	0	1,870	0
EATON VANCE CORP	COM NON VTG 0046	278265103	125	2,682	SH	DFND	28	0	2,682	0
EBAY INC	COM 0036	278642103	67	1,847	SH	DFND	28	0	1,847	0
ECOLAB INC	COM 0192	278865100	565	2,927	SH	DFND	28	0	2,927	0
EDISON INTL	COM 0075	281020107	46	604	SH	DFND	28	0	604	0
EDWARDS LIFESCIENCES CORP	COM 0233	28176E108	708	3,033	SH	DFND	28	0	3,033	0
EHEALTH INC	COM 0096	28238P109	24	250	SH	DFND	28	0	250	0
EL PASO ELEC CO	COM NEW 0067	283677854	30	444	SH	DFND	28	0	444	0
ELANCO ANIMAL HEALTH INC	COM 0029	28414H103	5	170	SH	DFND	28	0	170	0
ELDORADO RESORTS INC	COM 0059	28470R102	11	192	SH	DFND	28	0	192	0
ELECTRONIC ARTS INC	COM 0107	285512109	595	5,530	SH	DFND	28	0	5,530	0
EMCOR GROUP INC	COM 0086	29084Q100	334	3,867	SH	DFND	28	0	3,867	0
EMERGENT BIOSOLUTIONS INC	COM 0053	29089Q105	34	624	SH	DFND	28	0	624	0
EMERSON ELEC CO	COM 0076	291011104	36	473	SH	DFND	28	0	473	0
EMPIRE ST RLTY TR INC	CL A 0013	292104106	11	804	SH	DFND	28	0	804	0
ENCOMPASS HEALTH CORP	COM 0069	29261A100	129	1,865	SH	DFND	28	0	1,865	0

ENERGIZER HLDGS INC NEW	COM 0050	29272W109	1	12	SH	DFND	28	0	12	0
ENERSYS	COM 0074	29275Y102	7	94	SH	DFND	28	0	94	0
ENPRO INDS INC	COM 0066	29355X107	12	186	SH	DFND	28	0	186	0
ENSIGN GROUP INC	COM 0045	29358P101	117	2,582	SH	DFND	28	0	2,582	0
ENTEGRIS INC	COM 0050	29362U104	298	5,953	SH	DFND	28	0	5,953	0
ENTERGY CORP NEW	COM 0119	29364G103	11	94	SH	DFND	28	0	94	0
ENTERPRISE FINL SVCS CORP	COM 0048	293712105	5	109	SH	DFND	28	0	109	0
ENVESTNET INC	COM 0069	29404K106	118	1,695	SH	DFND	28	0	1,695	0
EPAM SYS INC	COM 0212	29414B104	178	840	SH	DFND	28	0	840	0
EQUIFAX INC	COM 0140	294429105	27	195	SH	DFND	28	0	195	0
EQUINIX INC	COM 0583	29444U700	401	686	SH	DFND	28	0	686	0
EQUITY RESIDENTIAL	SH BEN INT 0080	29476L107	17	213	SH	DFND	28	0	213	0
ESCO TECHNOLOGIES INC	COM 0092	296315104	39	419	SH	DFND	28	0	419	0
ESSEX PPTY TR INC	COM 0300	297178105	75	248	SH	DFND	28	0	248	0
ETSY INC	COM 0044	29786A106	13	304	SH	DFND	28	0	304	0
EURONET WORLDWIDE INC	COM 0157	298736109	14	91	SH	DFND	28	0	91	0
EVERCORE INC	CLASS A 0074	29977A105	217	2,898	SH	DFND	28	0	2,898	0
EVERBRIDGE INC	COM 0078	29978A104	30	379	SH	DFND	28	0	379	0
EVERI HLDGS INC	COM 0013	30034T103	30	2,239	SH	DFND	28	0	2,239	0
EVERGY INC	COM 0065	30034W106	33	509	SH	DFND	28	0	509	0
EVERSOURCE ENERGY	COM 0085	30040W108	44	523	SH	DFND	28	0	523	0
EXACT SCIENCES CORP	COM 0092	30063P105	85	921	SH	DFND	28	0	921	0
EXELON CORP	COM 0045	30161N101	9	201	SH	DFND	28	0	201	0
EXELIXIS INC	COM 0017	30161Q104	5	275	SH	DFND	28	0	275	0
EXLSERVICE HOLDINGS INC	COM 0069	302081104	44	631	SH	DFND	28	0	631	0
EXPEDIA GROUP INC	COM NEW 0108	30212P303	17	160	SH	DFND	28	0	160	0
EXPONENT INC	COM 0069	30214U102	504	7,299	SH	DFND	28	0	7,299	0
EXTRA SPACE STORAGE INC	COM 0105	30225T102	22	205	SH	DFND	28	0	205	0
EXXON MOBIL CORP	COM 0069	30231G102	618	8,863	SH	DFND	28	0	8,863	0
FLIR SYS INC	COM 0052	302445101	78	1,507	SH	DFND	28	0	1,507	0
F M C CORP	COM NEW 0099	302491303	37	375	SH	DFND	28	0	375	0
FNB CORP PA	COM 0012	302520101	15	1,193	SH	DFND	28	0	1,193	0
FACEBOOK INC	CL A 0205	30303M102	1,824	8,885	SH	DFND	28	0	8,885	0
FACTSET RESH SYS INC	COM 0268	303075105	75	281	SH	DFND	28	0	281	0
FASTENAL CO	COM 0036	311900104	17	459	SH	DFND	28	0	459	0
FEDERAL AGRIC MTG CORP	CL C 0083	313148306	96	1,147	SH	DFND	28	0	1,147	0
FEDEX CORP	COM 0151	31428X106	12	78	SH	DFND	28	0	78	0
F5 NETWORKS INC	COM 0139	315616102	14	98	SH	DFND	28	0	98	0
FIDELITY COVINGTON TR	CONSMR STAPLES 0037	316092303	375	9,940	SH	DFND	28	0	9,940	0
FIDELITY COVINGTON TR	MSCI INFO TECH 10072	316092808	229	3,161	SH	DFND	28	0	3,161	0
FIDELITY NATL INFORMATION SV	COM 0139	31620M106	375	2,693	SH	DFND	28	0	2,693	0
FIDELITY NATIONAL FINANCIAL	FNF GROUP COM 0045	31620R303	226	4,992	SH	DFND	28	0	4,992	0
FIFTH THIRD BANCORP	COM 0030	316773100	274	8,916	SH	DFND	28	0	8,916	0
FINVOLUTION GROUP	SPONSORED ADS 0002	31810T101	0	112	SH	DFND	28	0	112	0
FIRST AMERN FINL CORP	COM 0058	31847R102	3	59	SH	DFND	28	0	59	0
FIRST FINL BANCORP OH	COM 0025	320209109	22	856	SH	DFND	28	0	856	0

FIRST FINL BANKSHARES	COM 0035	32020R109	140	3,992	SH	DFND	28	0	3,992	0
FIRST HAWAIIAN INC	COM 0028	32051X108	2	61	SH	DFND	28	0	61	0
FIRST INDUSTRIAL REALTY TRUS	COM 0041	32054K103	27	659	SH	DFND	28	0	659	0
FIRST MERCHANTS CORP	COM 0041	320817109	8	192	SH	DFND	28	0	192	0
FIRST MIDWEST BANCORP DEL	COM 0023	320867104	22	940	SH	DFND	28	0	940	0
FIRST REP BK SAN FRANCISCO C	COM 0117	33616C100	291	2,478	SH	DFND	28	0	2,478	0
FIRST SOLAR INC	COM 0055	336433107	6	107	SH	DFND	28	0	107	0
FIRST TR EXCHANGE TRADED FD	RISNG DIVD ACHIV0035	33738R506	292	8,151	SH	DFND	28	0	8,151	0
FIRST TR EXCHANGE TRADED FD	DORSEY WRT 5 ETF0031	33738R605	1,255	39,771	SH	DFND	28	0	39,771	0
FIRSTCASH INC	COM 0080	33767D105	111	1,382	SH	DFND	28	0	1,382	0
FISERV INC	COM 0115	337738108	235	2,034	SH	DFND	28	0	2,034	0
FIRSTENERGY CORP	COM 0048	337932107	8	156	SH	DFND	28	0	156	0
FIVE BELOW INC	COM 0127	33829M101	283	2,214	SH	DFND	28	0	2,214	0
FIVE9 INC	COM 0065	338307101	27	417	SH	DFND	28	0	417	0
FLEETCOR TECHNOLOGIES INC	COM 0287	339041105	98	342	SH	DFND	28	0	342	0
FLOOR & DECOR HLDGS INC	CL A 0050	339750101	31	611	SH	DFND	28	0	611	0
FLUOR CORP NEW	COM 0018	343412102	0	3	SH	DFND	28	0	3	0
FLOWSERVE CORP	COM 0049	34354P105	10	193	SH	DFND	28	0	193	0
FOMENTO ECONOMICO MEXICANO S	SPON ADR UNITS 0094	344419106	226	2,391	SH	DFND	28	0	2,391	0
FOOT LOCKER INC	COM 0038	344849104	3	82	SH	DFND	28	0	82	0
FORD MTR CO DEL	COM 0009	345370860	36	3,854	SH	DFND	28	0	3,854	0
FORMFACTOR INC	COM 0025	346375108	9	337	SH	DFND	28	0	337	0
FORTINET INC	COM 0106	34959E109	370	3,463	SH	DFND	28	0	3,463	0
FORTIVE CORP	COM 0076	34959J108	424	5,547	SH	DFND	28	0	5,547	0
FORTUNE BRANDS HOME & SEC IN	COM 0065	34964C106	30	464	SH	DFND	28	0	464	0
FORWARD AIR CORP	COM 0069	349853101	51	733	SH	DFND	28	0	733	0
FOUR CORNERS PPTY TR INC	COM 0028	35086T109	0	14	SH	DFND	28	0	14	0
FOX CORP	CL A COM 0037	35137L105	54	1,460	SH	DFND	28	0	1,460	0
FOX CORP	CL B COM 0036	35137L204	26	709	SH	DFND	28	0	709	0
FOX FACTORY HLDG CORP	COM 0069	35138V102	0	5	SH	DFND	28	0	5	0
FRANKLIN ELEC INC	COM 0057	353514102	73	1,279	SH	DFND	28	0	1,279	0
FREEPORT-MCMORAN INC	CL B 0013	35671D857	7	547	SH	DFND	28	0	547	0
GATX CORP	COM 0082	361448103	119	1,439	SH	DFND	28	0	1,439	0
GEO GROUP INC NEW	COM 0016	36162J106	3	192	SH	DFND	28	0	192	0
GCI LIBERTY INC	COM CLASS A 0070	36164V305	0	1	SH	DFND	28	0	1	0
G-III APPAREL GROUP LTD	COM 0033	36237H101	70	2,080	SH	DFND	28	0	2,080	0
GALLAGHER ARTHUR J & CO	COM 0095	363576109	59	617	SH	DFND	28	0	617	0
GARDNER DENVER HLDGS INC	COM 0036	36555P107	216	5,890	SH	DFND	28	0	5,890	0
GARRETT MOTION INC	COM 0009	366505105	0	13	SH	DFND	28	0	13	0
GARTNER INC	COM 0154	366651107	197	1,276	SH	DFND	28	0	1,276	0
GENERAC HLDGS INC	COM 0100	368736104	43	429	SH	DFND	28	0	429	0
GENERAL DYNAMICS CORP	COM 0176	369550108	240	1,360	SH	DFND	28	0	1,360	0
GENERAL ELECTRIC CO	COM 0011	369604103	3	287	SH	DFND	28	0	287	0
GENERAL MLS INC	COM 0053	370334104	86	1,614	SH	DFND	28	0	1,614	0
GENERAL MTRS CO	COM 0036	37045V100	18	482	SH	DFND	28	0	482	0
GENESCO INC	COM 0047	371532102	10	218	SH	DFND	28	0	218	0

GENTEX CORP	COM 0028	371901109	2	58	SH	DFND	28	0	58	0
GENUINE PARTS CO	COM 0106	372460105	70	656	SH	DFND	28	0	656	0
GETTY RLTY CORP NEW	COM 0032	374297109	22	673	SH	DFND	28	0	673	0
GIBRALTAR INDS INC	COM 0050	374689107	87	1,730	SH	DFND	28	0	1,730	0
GILEAD SCIENCES INC	COM 0064	375558103	406	6,247	SH	DFND	28	0	6,247	0
GLACIER BANCORP INC NEW	COM 0045	37637Q105	131	2,841	SH	DFND	28	0	2,841	0
GLATFELTER	COM 0018	377316104	35	1,915	SH	DFND	28	0	1,915	0
GLAXOSMITHKLINE PLC	SPONSORED ADR 0046	37733W105	262	5,572	SH	DFND	28	0	5,572	0
GLOBAL BLOOD THERAPEUTICS IN	COM 0079	37890U108	6	73	SH	DFND	28	0	73	0
GLOBAL PMTS INC	COM 0182	37940X102	580	3,175	SH	DFND	28	0	3,175	0
GLOBAL X FDS	GLBL X MLP ETF 0007	37950E473	83	10,565	SH	DFND	28	0	10,565	0
GLOBUS MED INC	CL A 0058	379577208	108	1,839	SH	DFND	28	0	1,839	0
GLOBE LIFE INC	COM 0105	37959E102	5	49	SH	DFND	28	0	49	0
GODADDY INC	CL A 0067	380237107	132	1,947	SH	DFND	28	0	1,947	0
GOLDMAN SACHS GROUP INC	COM 0229	38141G104	81	351	SH	DFND	28	0	351	0
GRACO INC	COM 0052	384109104	463	8,907	SH	DFND	28	0	8,907	0
GRAINGER W W INC	COM 0338	384802104	447	1,321	SH	DFND	28	0	1,321	0
GRAND CANYON ED INC	COM 0095	38526M106	55	574	SH	DFND	28	0	574	0
GRANITE CONSTR INC	COM 0027	387328107	12	446	SH	DFND	28	0	446	0
GRAPHIC PACKAGING HLDG CO	COM 0016	388689101	2	145	SH	DFND	28	0	145	0
GREAT WESTN BANCORP INC	COM 0034	391416104	34	973	SH	DFND	28	0	973	0
GUIDEWIRE SOFTWARE INC	COM 0109	40171V100	35	322	SH	DFND	28	0	322	0
HCA HEALTHCARE INC	COM 0147	40412C101	6	40	SH	DFND	28	0	40	0
HDFC BANK LTD	SPONSORED ADS 0063	40415F101	776	12,239	SH	DFND	28	0	12,239	0
HD SUPPLY HLDGS INC	COM 0040	40416M105	11	272	SH	DFND	28	0	272	0
HSBC HLDGS PLC	SPON ADR NEW 0039	404280406	265	6,778	SH	DFND	28	0	6,778	0
HP INC	COM 0020	40434L105	49	2,372	SH	DFND	28	0	2,372	0
HAEMONETICS CORP	COM 0114	405024100	8	70	SH	DFND	28	0	70	0
HAIN CELESTIAL GROUP INC	COM 0025	405217100	1	24	SH	DFND	28	0	24	0
HALOZYME THERAPEUTICS INC	COM 0017	40637H109	4	233	SH	DFND	28	0	233	0
HANESBRANDS INC	COM 0014	410345102	4	289	SH	DFND	28	0	289	0
HANOVER INS GROUP INC	COM 0136	410867105	8	56	SH	DFND	28	0	56	0
HARSCO CORP	COM 0023	415864107	32	1,374	SH	DFND	28	0	1,374	0
HARTFORD FINL SVCS GROUP INC	COM 0060	416515104	16	259	SH	DFND	28	0	259	0
HASBRO INC	COM 0105	418056107	19	184	SH	DFND	28	0	184	0
HEALTHCARE SVCS GRP INC	COM 0024	421906108	11	465	SH	DFND	28	0	465	0
HEALTHCARE RLTY TR	COM 0033	421946104	23	691	SH	DFND	28	0	691	0
HEALTHCARE TR AMER INC	CL A NEW 0030	42225P501	12	380	SH	DFND	28	0	380	0
HEALTHEQUITY INC	COM 0074	42226A107	7	98	SH	DFND	28	0	98	0
HEARTLAND EXPRESS INC	COM 0021	422347104	1	47	SH	DFND	28	0	47	0
HEARTLAND FINL USA INC	COM 0049	42234Q102	20	405	SH	DFND	28	0	405	0
HEALTHPEAK PPTYS INC	COM 0034	42250P103	76	2,209	SH	DFND	28	0	2,209	0
HEICO CORP NEW	COM 0114	422806109	8	66	SH	DFND	28	0	66	0
HELMERICH & PAYNE INC	COM 0045	423452101	4	95	SH	DFND	28	0	95	0
HENRY JACK & ASSOC INC	COM 0145	426281101	101	691	SH	DFND	28	0	691	0
HERSHEY CO	COM 0146	427866108	31	208	SH	DFND	28	0	208	0

HESS CORP	COM 0066	42809H107	28	414	SH	DFND	28	0	414	0
HEWLETT PACKARD ENTERPRISE C	COM 0015	42824C109	3	166	SH	DFND	28	0	166	0
HEXCEL CORP NEW	COM 0073	428291108	309	4,220	SH	DFND	28	0	4,220	0
HILL ROM HLDGS INC	COM 0113	431475102	1	12	SH	DFND	28	0	12	0
HILTON WORLDWIDE HLDGS INC	COM 0110	43300A203	73	654	SH	DFND	28	0	654	0
HOLLYFRONTIER CORP	COM 0050	436106108	150	2,953	SH	DFND	28	0	2,953	0
HOLOGIC INC	COM 0052	436440101	7	132	SH	DFND	28	0	132	0
HOME BANCSHARES INC	COM 0019	436893200	92	4,654	SH	DFND	28	0	4,654	0
HOME DEPOT INC	COM 0218	437076102	1,339	6,132	SH	DFND	28	0	6,132	0
HONEYWELL INTL INC	COM 0177	438516106	755	4,266	SH	DFND	28	0	4,266	0
HOPE BANCORP INC	COM 0014	43940T109	21	1,424	SH	DFND	28	0	1,424	0
HORACE MANN EDUCATORS CORP N	COM 0043	440327104	5	125	SH	DFND	28	0	125	0
HORMEL FOODS CORP	COM 0045	440452100	11	252	SH	DFND	28	0	252	0
HOST HOTELS & RESORTS INC	COM 0018	44107P104	11	586	SH	DFND	28	0	586	0
HOULIHAN LOKEY INC	CL A 0048	441593100	84	1,709	SH	DFND	28	0	1,709	0
HUB GROUP INC	CL A 0051	443320106	21	406	SH	DFND	28	0	406	0
HUBBELL INC	COM 0147	443510607	6	39	SH	DFND	28	0	39	0
HUBSPOT INC	COM 0158	443573100	56	351	SH	DFND	28	0	351	0
HUDSON PAC PPTYS INC	COM 0037	444097109	23	600	SH	DFND	28	0	600	0
HUMANA INC	COM 0366	444859102	100	273	SH	DFND	28	0	273	0
HUNT J B TRANS SVCS INC	COM 0116	445658107	11	93	SH	DFND	28	0	93	0
HUNTINGTON BANCSHARES INC	COM 0015	446150104	168	11,150	SH	DFND	28	0	11,150	0
HUNTINGTON INGALLS INDS INC	COM 0250	446413106	186	740	SH	DFND	28	0	740	0
HUNTSMAN CORP	COM 0024	447011107	259	10,722	SH	DFND	28	0	10,722	0
IAC INTERACTIVECORP	COM 0249	44919P508	44	176	SH	DFND	28	0	176	0
IAA INC	COM 0047	449253103	21	443	SH	DFND	28	0	443	0
ICF INTL INC	COM 0091	44925C103	35	383	SH	DFND	28	0	383	0
ICU MED INC	COM 0187	44930G107	137	730	SH	DFND	28	0	730	0
IPG PHOTONICS CORP	COM 0144	44980X109	59	409	SH	DFND	28	0	409	0
ITT INC	COM 0073	45073V108	55	741	SH	DFND	28	0	741	0
IBERIABANK CORP	COM 0074	450828108	5	66	SH	DFND	28	0	66	0
ICICI BK LTD	ADR 0015	45104G104	464	30,775	SH	DFND	28	0	30,775	0
IDACORP INC	COM 0106	451107106	51	482	SH	DFND	28	0	482	0
IDEX CORP	COM 0172	45167R104	36	207	SH	DFND	28	0	207	0
IDEXX LABS INC	COM 0261	45168D104	51	194	SH	DFND	28	0	194	0
ILLINOIS TOOL WKS INC	COM 0179	452308109	51	282	SH	DFND	28	0	282	0
ILLUMINA INC	COM 0331	452327109	621	1,873	SH	DFND	28	0	1,873	0
IMMUNOGEN INC	COM 0005	45253H101	1	195	SH	DFND	28	0	195	0
INDEPENDENT BK GROUP INC	COM 0055	45384B106	28	510	SH	DFND	28	0	510	0
INGEVITY CORP	COM 0087	45688C107	3	29	SH	DFND	28	0	29	0
INGREDION INC	COM 0092	457187102	2	20	SH	DFND	28	0	20	0
INSIGHT ENTERPRISES INC	COM 0070	45765U103	13	180	SH	DFND	28	0	180	0
INPHI CORP	COM 0074	45772F107	17	234	SH	DFND	28	0	234	0
INNOPHOS HOLDINGS INC	COM 0031	45774N108	3	90	SH	DFND	28	0	90	0
INSULET CORP	COM 0171	45784P101	124	724	SH	DFND	28	0	724	0
INTEGRA LIFESCIENCES HLDGS C	COM NEW 0058	457985208	50	860	SH	DFND	28	0	860	0

INTEL CORP	COM 0059	458140100	915	15,294	SH	DFND	28	0	15,294	0
INTERFACE INC	COM 0016	458665304	36	2,188	SH	DFND	28	0	2,188	0
INTERCONTINENTAL EXCHANGE IN	COM 0092	45866F104	347	3,754	SH	DFND	28	0	3,754	0
INTERNATIONAL BUSINESS MACHS	COM 0134	459200101	122	908	SH	DFND	28	0	908	0
INTERNATIONAL FLAVORS&FRAGRA	COM 0129	459506101	23	181	SH	DFND	28	0	181	0
INTL PAPER CO	COM 0046	460146103	15	335	SH	DFND	28	0	335	0
INTERPUBLIC GROUP COS INC	COM 0023	460690100	2	69	SH	DFND	28	0	69	0
INVESCO QQQ TR	UNIT SER 1 0212	46090E103	2,054	9,660	SH	DFND	28	0	9,660	0
INVESCO ACTIVELY MANAGD ETF	OPTIMUM YIELD 0016	46090F100	981	59,248	SH	DFND	28	0	59,248	0
INTUIT	COM 0261	461202103	1,174	4,484	SH	DFND	28	0	4,484	0
INTUITIVE SURGICAL INC	COM NEW 0591	46120E602	899	1,520	SH	DFND	28	0	1,520	0
INVESCO EXCHANGE TRADED FD T	S&P500 EQL HLT 0221	46137V332	212	958	SH	DFND	28	0	958	0
INVESCO EXCHNG TRADED FD TR	S&P MIDCP LOW 0053	46138E198	885	16,450	SH	DFND	28	0	16,450	0
INVESCO EXCHNG TRADED FD TR	S&P500 LOW VOL 0058	46138E354	887	15,201	SH	DFND	28	0	15,201	0
INVESCO EXCHNG TRADED FD TR	PFD ETF 0015	46138E511	9	577	SH	DFND	28	0	577	0
INVESCO EXCHNG TRADED FD TR	FTSE RAFI EMNG 0022	46138E727	384	17,207	SH	DFND	28	0	17,207	0
INVESCO EXCHNG TRADED FD TR	EMRNG MKT SVRG 0029	46138E784	329	11,120	SH	DFND	28	0	11,120	0
INVESCO EXCHNG TRADED FD TR	DWA EMERG MKTS 0019	46138E867	713	37,248	SH	DFND	28	0	37,248	0
INVITATION HOMES INC	COM 0029	46187W107	21	701	SH	DFND	28	0	701	0
IONIS PHARMACEUTICALS INC	COM 0060	462222100	7	115	SH	DFND	28	0	115	0
IQVIA HLDGS INC	COM 0154	46266C105	8	52	SH	DFND	28	0	52	0
IRON MTN INC NEW	COM 0031	46284V101	3	97	SH	DFND	28	0	97	0
ISHARES GOLD TRUST	ISHARES 0014	464285105	336	23,181	SH	DFND	28	0	23,181	0
ISHARES INC	EM HGHYL BD ETF 0047	464286285	308	6,501	SH	DFND	28	0	6,501	0
ISHARES INC	MIN VOL GBL ETF 0095	464286525	464	4,844	SH	DFND	28	0	4,844	0
ISHARES INC	MSCI STH KOR ETF0062	464286772	7	108	SH	DFND	28	0	108	0
ISHARES INC	MSCI GERMANY ETF0029	464286806	6	209	SH	DFND	28	0	209	0
ISHARES TR	CORE S&P TTL STK0072	464287150	2,962	40,742	SH	DFND	28	0	40,742	0
ISHARES TR	SELECT DIVID ETF0105	464287168	859	8,126	SH	DFND	28	0	8,126	0
ISHARES TR	TIPS BD ETF 0116	464287176	1,063	9,118	SH	DFND	28	0	9,118	0
ISHARES TR	CORE S&P500 ETF 0323	464287200	10,800	33,413	SH	DFND	28	0	33,413	0
ISHARES TR	CORE US AGGBD ET0112	464287226	9,292	82,689	SH	DFND	28	0	82,689	0
ISHARES TR	MSCI EMG MKT ETF0044	464287234	2,608	58,128	SH	DFND	28	0	58,128	0
ISHARES TR	IBOXX INV CP ETF0127	464287242	1,532	11,973	SH	DFND	28	0	11,973	0
ISHARES TR	GLOBAL TECH ETF 0210	464287291	1,807	8,584	SH	DFND	28	0	8,584	0
ISHARES TR	S&P 500 GRWT ETF0193	464287309	488	2,518	SH	DFND	28	0	2,518	0

ISHARES TR	GLOB HLTHCRE ETF0068	464287325	922	13,418	SH	DFND	28	0	13,418	0
ISHARES TR	S&P 500 VAL ETF 0130	464287408	235	1,804	SH	DFND	28	0	1,804	0
ISHARES TR	20 YR TR BD ETF 0135	464287432	1,222	9,021	SH	DFND	28	0	9,021	0
ISHARES TR	BARCLAYS 7 10 YR0110	464287440	252	2,283	SH	DFND	28	0	2,283	0
ISHARES TR	1 3 YR TREAS BD 0084	464287457	2,499	29,523	SH	DFND	28	0	29,523	0
ISHARES TR	MSCI EAFE ETF 0069	464287465	2,679	38,583	SH	DFND	28	0	38,583	0
ISHARES TR	RUS MDCP VAL ETF0094	464287473	368	3,878	SH	DFND	28	0	3,878	0
ISHARES TR	RUS MD CP GR ETF0152	464287481	1,442	9,453	SH	DFND	28	0	9,453	0
ISHARES TR	RUS MID CAP ETF 0059	464287499	1,974	33,106	SH	DFND	28	0	33,106	0
ISHARES TR	CORE S&P MCP ETF0205	464287507	912	4,431	SH	DFND	28	0	4,431	0
ISHARES TR	EXPANDED TECH 0233	464287515	385	1,652	SH	DFND	28	0	1,652	0
ISHARES TR	COHEN STEER REIT0116	464287564	327	2,799	SH	DFND	28	0	2,799	0
ISHARES TR	RUS 1000 VAL ETF0136	464287598	1,265	9,266	SH	DFND	28	0	9,266	0
ISHARES TR	RUS 1000 GRW ETF0175	464287614	2,110	11,991	SH	DFND	28	0	11,991	0
ISHARES TR	RUS 1000 ETF 0178	464287622	4,001	22,424	SH	DFND	28	0	22,424	0
ISHARES TR	RUS 2000 VAL ETF0128	464287630	546	4,244	SH	DFND	28	0	4,244	0
ISHARES TR	RUS 2000 GRW ETF0214	464287648	951	4,439	SH	DFND	28	0	4,439	0
ISHARES TR	RUSSELL 2000 ETF0165	464287655	897	5,415	SH	DFND	28	0	5,415	0
ISHARES TR	CORE S&P US GWT 0067	464287671	263	3,882	SH	DFND	28	0	3,882	0
ISHARES TR	RUSSELL 3000 ETF0188	464287689	750	3,980	SH	DFND	28	0	3,980	0
ISHARES TR	U.S. UTILITS ETF0162	464287697	406	2,507	SH	DFND	28	0	2,507	0
ISHARES TR	U.S. REAL ES ETF0093	464287739	368	3,952	SH	DFND	28	0	3,952	0
ISHARES TR	US HLTHCARE ETF 0215	464287762	271	1,257	SH	DFND	28	0	1,257	0
ISHARES TR	CORE S&P SCP ETF0083	464287804	2,260	26,951	SH	DFND	28	0	26,951	0
ISHARES TR	SP SMCP600VL ETF0160	464287879	903	5,617	SH	DFND	28	0	5,617	0
ISHARES TR	INTL TREA BD ETF0050	464288117	1,785	35,572	SH	DFND	28	0	35,572	0
ISHARES TR	SHRT NAT MUN ETF0106	464288158	3,465	32,452	SH	DFND	28	0	32,452	0
ISHARES TR	MSCI ACWI EX US 0049	464288240	2,040	41,527	SH	DFND	28	0	41,527	0
ISHARES TR	MSCI ACWI ETF 0079	464288257	44	550	SH	DFND	28	0	550	0
ISHARES TR	EAFE SML CP ETF 0062	464288273	743	11,928	SH	DFND	28	0	11,928	0
ISHARES TR	JPMORGAN USD EMG0114	464288281	2,405	20,996	SH	DFND	28	0	20,996	0
ISHARES TR	NATIONAL MUN ETF0113	464288414	5,603	49,184	SH	DFND	28	0	49,184	0
ISHARES TR	IBOXX HI YD ETF 0087	464288513	2,486	28,272	SH	DFND	28	0	28,272	0

ISHARES TR	MBS ETF 0108	464288588	2,927	27,083	SH	DFND	28	0	27,083	0
ISHARES TR	INTRM GOV CR ETF0112	464288612	232	2,057	SH	DFND	28	0	2,057	0
ISHARES TR	INTRM TR CRP ETF0057	464288638	3,922	67,648	SH	DFND	28	0	67,648	0
ISHARES TR	SH TR CRPORT ETF0053	464288646	5,932	110,611	SH	DFND	28	0	110,611	0
ISHARES TR	3 7 YR TREAS BD 0125	464288661	97	768	SH	DFND	28	0	768	0
ISHARES TR	SHORT TREAS BD 0110	464288679	312	2,827	SH	DFND	28	0	2,827	0
ISHARES TR	PFD AND INCM SEC0037	464288687	1,616	42,989	SH	DFND	28	0	42,989	0
ISHARES TR	US AER DEF ETF 0222	464288760	494	2,222	SH	DFND	28	0	2,222	0
ISHARES TR	U.S. MED DVC ETF0264	464288810	557	2,109	SH	DFND	28	0	2,109	0
ISHARES TR	EAFE VALUE ETF 0049	464288877	272	5,446	SH	DFND	28	0	5,446	0
ISHARES TR	EAFE GRWTH ETF 0086	464288885	239	2,764	SH	DFND	28	0	2,764	0
ISHARES TR	US TREAS BD ETF 0025	46429B267	6,112	235,619	SH	DFND	28	0	235,619	0
ISHARES TR	FLTG RATE NT ETF0050	46429B655	1,548	30,408	SH	DFND	28	0	30,408	0
ISHARES TR	CORE HIGH DV ETF0098	46429B663	555	5,662	SH	DFND	28	0	5,662	0
ISHARES TR	MIN VOL EAFE ETF0074	46429B689	1,135	15,227	SH	DFND	28	0	15,227	0
ISHARES TR	MSCI MIN VOL ETF0065	46429B697	6,567	100,109	SH	DFND	28	0	100,109	0
ISHARES US ETF TR	SHT MAT BD ETF 0050	46431W507	4,715	93,837	SH	DFND	28	0	93,837	0
ISHARES TR	USA QUALITY FCTR0101	46432F339	5,102	50,517	SH	DFND	28	0	50,517	0
ISHARES TR	USA SIZE FACTOR 0097	46432F370	1,686	17,308	SH	DFND	28	0	17,308	0
ISHARES TR	EDGE MSCI USA VL0089	46432F388	2,935	32,712	SH	DFND	28	0	32,712	0
ISHARES TR	CORE MSCI TOTAL 0061	46432F834	389	6,286	SH	DFND	28	0	6,286	0
ISHARES TR	CORE MSCI EAFE 0065	46432F842	4,581	70,217	SH	DFND	28	0	70,217	0
ISHARES INC	CORE MSCI EMKT 0053	46434G103	4,673	86,916	SH	DFND	28	0	86,916	0
ISHARES TR	0-5YR HI YL CP 0046	46434V407	1,772	38,174	SH	DFND	28	0	38,174	0
ISHARES TR	INTL QLTY FACTOR0032	46434V456	2,035	63,010	SH	DFND	28	0	63,010	0
ISHARES TR	CORE TOTAL USD 0052	46434V613	452	8,683	SH	DFND	28	0	8,683	0
ISHARES TR	CORE DIV GRWTH 0042	46434V621	3,259	77,472	SH	DFND	28	0	77,472	0
ISHARES TR	CORE MSCI EURO 0049	46434V738	1,014	20,328	SH	DFND	28	0	20,328	0
ISHARES TR	MSCI UK ETF NEW 0034	46435G334	11	323	SH	DFND	28	0	323	0
ITAU UNIBANCO HLDG SA	SPON ADR REP PFD0009	465562106	294	32,162	SH	DFND	28	0	32,162	0
J & J SNACK FOODS CORP	COM 0184	466032109	102	551	SH	DFND	28	0	551	0
JPMORGAN CHASE & CO	COM 0139	46625H100	1,785	12,805	SH	DFND	28	0	12,805	0
JABIL INC	COM 0041	466313103	412	9,971	SH	DFND	28	0	9,971	0
JD COM INC	SPON ADR CLA 0035	47215P106	2	48	SH	DFND	28	0	48	0

JETBLUE AWYS CORP	COM 0018	477143101	5	286	SH	DFND	28	0	286	0
JOHN BEAN TECHNOLOGIES CORP	COM 0112	477839104	17	149	SH	DFND	28	0	149	0
JOHNSON & JOHNSON	COM 0145	478160104	1,266	8,676	SH	DFND	28	0	8,676	0
JONES LANG LASALLE INC	COM 0174	48020Q107	16	89	SH	DFND	28	0	89	0
J2 GLOBAL INC	COM 0093	48123V102	3	28	SH	DFND	28	0	28	0
KAR AUCTION SVCS INC	COM 0021	48238T109	0	8	SH	DFND	28	0	8	0
KLA CORPORATION	COM NEW 0178	482480100	75	418	SH	DFND	28	0	418	0
KT CORP	SPONSORED ADR 0011	48268K101	5	398	SH	DFND	28	0	398	0
KANSAS CITY SOUTHERN	COM NEW 0153	485170302	209	1,365	SH	DFND	28	0	1,365	0
KB HOME	COM 0034	48666K109	8	222	SH	DFND	28	0	222	0
KELLOGG CO	COM 0069	487836108	79	1,142	SH	DFND	28	0	1,142	0
KENNAMETAL INC	COM 0036	489170100	5	137	SH	DFND	28	0	137	0
KENNEDY-WILSON HLDGS INC	COM 0022	489398107	97	4,344	SH	DFND	28	0	4,344	0
KEURIG DR PEPPER INC	COM 0028	49271V100	3	89	SH	DFND	28	0	89	0
KEYCORP NEW	COM 0020	493267108	348	17,196	SH	DFND	28	0	17,196	0
KEYSIGHT TECHNOLOGIES INC	COM 0102	49338L103	512	4,988	SH	DFND	28	0	4,988	0
KFORCE INC	COM 0039	493732101	36	913	SH	DFND	28	0	913	0
KILROY RLTY CORP	COM 0083	49427F108	13	151	SH	DFND	28	0	151	0
KIMBERLY CLARK CORP	COM 0137	494368103	284	2,062	SH	DFND	28	0	2,062	0
KINDER MORGAN INC DEL	COM 0021	49456B101	42	1,997	SH	DFND	28	0	1,997	0
KINSALE CAP GROUP INC	COM 0101	49714P108	7	64	SH	DFND	28	0	64	0
KIRBY CORP	COM 0089	497266106	0	1	SH	DFND	28	0	1	0
KITE RLTY GROUP TR	COM NEW 0019	49803T300	14	696	SH	DFND	28	0	696	0
KNOLL INC	COM NEW 0025	498904200	24	967	SH	DFND	28	0	967	0
KOHL'S CORP	COM 0050	500255104	10	188	SH	DFND	28	0	188	0
KONINKLIJKE PHILIPS N V	NY REG SH NEW 0048	500472303	261	5,345	SH	DFND	28	0	5,345	0
KONTOOR BRANDS INC	COM 0041	50050N103	149	3,538	SH	DFND	28	0	3,538	0
KORN FERRY	COM NEW 0042	500643200	21	498	SH	DFND	28	0	498	0
KROGER CO	COM 0028	501044101	18	627	SH	DFND	28	0	627	0
KURA ONCOLOGY INC	COM 0013	50127T109	4	257	SH	DFND	28	0	257	0
LHC GROUP INC	COM 0137	50187A107	87	634	SH	DFND	28	0	634	0
LGI HOMES INC	COM 0070	50187T106	0	6	SH	DFND	28	0	6	0
LKQ CORP	COM 0035	501889208	5	148	SH	DFND	28	0	148	0
LPL FINL HLDGS INC	COM 0092	50212V100	1	12	SH	DFND	28	0	12	0
LTC PTYS INC	COM 0044	502175102	35	789	SH	DFND	28	0	789	0
L3HARRIS TECHNOLOGIES INC	COM 0197	502431109	190	963	SH	DFND	28	0	963	0
LA Z BOY INC	COM 0031	505336107	24	763	SH	DFND	28	0	763	0
LABORATORY CORP AMER HLDGS	COM NEW 0169	50540R409	120	711	SH	DFND	28	0	711	0
LAKELAND FINL CORP	COM 0048	511656100	76	1,554	SH	DFND	28	0	1,554	0
LAM RESEARCH CORP	COM 0292	512807108	128	438	SH	DFND	28	0	438	0
LAMAR ADVERTISING CO NEW	CL A 0089	512816109	7	74	SH	DFND	28	0	74	0
LAMB WESTON HLDGS INC	COM 0086	513272104	60	702	SH	DFND	28	0	702	0
LANDSTAR SYS INC	COM 0113	515098101	83	731	SH	DFND	28	0	731	0
LAS VEGAS SANDS CORP	COM 0069	517834107	45	657	SH	DFND	28	0	657	0
LATTICE SEMICONDUCTOR CORP	COM 0019	518415104	13	671	SH	DFND	28	0	671	0
LAUDER ESTEE COS INC	CL A 0206	518439104	750	3,634	SH	DFND	28	0	3,634	0
LEAR CORP	COM NEW 0137	521865204	441	3,217	SH	DFND	28	0	3,217	0

LEGGETT & PLATT INC	COM 0050	524660107	131	2,584	SH	DFND	28	0	2,584	0
LEIDOS HLDGS INC	COM 0097	525327102	4	40	SH	DFND	28	0	40	0
LEMAITRE VASCULAR INC	COM 0035	525558201	78	2,162	SH	DFND	28	0	2,162	0
LENNAR CORP	CL A 0055	526057104	58	1,048	SH	DFND	28	0	1,048	0
LENNOX INTL INC	COM 0243	526107107	63	257	SH	DFND	28	0	257	0
LIBERTY BROADBAND CORP	COM SER C 0125	530307305	0	3	SH	DFND	28	0	3	0
LIBERTY PPTY TR	SH BEN INT 0060	531172104	32	541	SH	DFND	28	0	541	0
LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM 0048	531229409	1	13	SH	DFND	28	0	13	0
LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM 0048	531229607	2	32	SH	DFND	28	0	32	0
LIBERTY MEDIA CORP DELAWARE	COM SER C FRMLA 0045	531229854	21	462	SH	DFND	28	0	462	0
LIBERTY MEDIA CORP DELAWARE	COM SER A FRMLA 0043	531229870	0	1	SH	DFND	28	0	1	0
LIGAND PHARMACEUTICALS INC	COM NEW 0104	53220K504	5	52	SH	DFND	28	0	52	0
LILLY ELI & CO	COM 0131	532457108	188	1,433	SH	DFND	28	0	1,433	0
LINCOLN ELEC HLDGS INC	COM 0096	533900106	23	242	SH	DFND	28	0	242	0
LINCOLN NATL CORP IND	COM 0059	534187109	29	497	SH	DFND	28	0	497	0
LIONS GATE ENTMTNT CORP	CL A VTG 0010	535919401	1	121	SH	DFND	28	0	121	0
LITHIA MTRS INC	CL A 0147	536797103	179	1,215	SH	DFND	28	0	1,215	0
LITTELFUSE INC	COM 0191	537008104	149	778	SH	DFND	28	0	778	0
LIVE NATION ENTERTAINMENT IN	COM 0071	538034109	15	205	SH	DFND	28	0	205	0
LIVEPERSON INC	COM 0037	538146101	18	497	SH	DFND	28	0	497	0
LIVENT CORP	COM 0008	53814L108	1	59	SH	DFND	28	0	59	0
LLOYDS BANKING GROUP PLC	SPONSORED ADR 0003	539439109	94	28,318	SH	DFND	28	0	28,318	0
LOCKHEED MARTIN CORP	COM 0389	539830109	570	1,464	SH	DFND	28	0	1,464	0
LOEWS CORP	COM 0052	540424108	5	87	SH	DFND	28	0	87	0
LOGMEIN INC	COM 0085	54142L109	110	1,282	SH	DFND	28	0	1,282	0
LOWES COS INC	COM 0119	548661107	256	2,141	SH	DFND	28	0	2,141	0
LULULEMON ATHLETICA INC	COM 0231	550021109	361	1,557	SH	DFND	28	0	1,557	0
LUMENTUM HLDGS INC	COM 0079	55024U109	13	167	SH	DFND	28	0	167	0
M & T BK CORP	COM 0169	55261F104	23	134	SH	DFND	28	0	134	0
MGM GROWTH PPTYS LLC	CL A COM 0030	55303A105	6	186	SH	DFND	28	0	186	0
MGP INGREDIENTS INC NEW	COM 0048	55303J106	12	249	SH	DFND	28	0	249	0
MSC INDL DIRECT INC	CL A 0078	553530106	113	1,434	SH	DFND	28	0	1,434	0
MSCI INC	COM 0258	55354G100	24	93	SH	DFND	28	0	93	0
MTS SYS CORP	COM 0048	553777103	25	523	SH	DFND	28	0	523	0
MACERICH CO	COM 0026	554382101	12	448	SH	DFND	28	0	448	0
MACYS INC	COM 0017	55616P104	3	190	SH	DFND	28	0	190	0
MADDEN STEVEN LTD	COM 0043	556269108	50	1,156	SH	DFND	28	0	1,156	0
MANHATTAN ASSOCS INC	COM 0079	562750109	12	145	SH	DFND	28	0	145	0
MANPOWERGROUP INC	COM 0097	56418H100	1	8	SH	DFND	28	0	8	0
MANTECH INTL CORP	CL A 0079	564563104	56	706	SH	DFND	28	0	706	0
MARATHON OIL CORP	COM 0013	565849106	1	72	SH	DFND	28	0	72	0
MARATHON PETE CORP	COM 0060	56585A102	239	3,972	SH	DFND	28	0	3,972	0
MARCUS & MILLICHAP INC	COM 0037	566324109	41	1,110	SH	DFND	28	0	1,110	0
MARINEMAX INC	COM 0016	567908108	6	330	SH	DFND	28	0	330	0
MARKEL CORP	COM 1143	570535104	3	3	SH	DFND	28	0	3	0

MARKETAXESS HLDGS INC	COM 0379	57060D108	453	1,194	SH	DFND	28	0	1,194	0
MARRIOTT VACTINS WORLDWID CO	COM 0128	57164Y107	2	14	SH	DFND	28	0	14	0
MARSH & MCLENNAN COS INC	COM 0111	571748102	182	1,638	SH	DFND	28	0	1,638	0
MARRIOTT INTL INC NEW	CL A 0151	571903202	12	78	SH	DFND	28	0	78	0
MARTIN MARIETTA MATLS INC	COM 0279	573284106	16	57	SH	DFND	28	0	57	0
MASCO CORP	COM 0047	574599106	266	5,539	SH	DFND	28	0	5,539	0
MASIMO CORP	COM 0158	574795100	11	69	SH	DFND	28	0	69	0
MASTERCARD INC	CL A 0298	57636Q104	252	844	SH	DFND	28	0	844	0
MATADOR RES CO	COM 0017	576485205	91	5,069	SH	DFND	28	0	5,069	0
MATTHEWS INTL CORP	CL A 0038	577128101	7	177	SH	DFND	28	0	177	0
MAXIM INTEGRATED PRODS INC	COM 0061	57772K101	2	38	SH	DFND	28	0	38	0
MCCORMICK & CO INC	COM NON VTG 0169	579780206	239	1,409	SH	DFND	28	0	1,409	0
MCDONALDS CORP	COM 0197	580135101	366	1,853	SH	DFND	28	0	1,853	0
MCGRATH RENTCORP	COM 0076	580589109	40	521	SH	DFND	28	0	521	0
MCKESSON CORP	COM 0138	58155Q103	42	307	SH	DFND	28	0	307	0
MEDICAL PPTYS TRUST INC	COM 0021	58463J304	80	3,801	SH	DFND	28	0	3,801	0
MEDICINES CO	COM 0084	584688105	0	4	SH	DFND	28	0	4	0
MEDPACE HLDGS INC	COM 0084	58506Q109	43	512	SH	DFND	28	0	512	0
MELCO RESORTS AND ENTMT LTD	ADR 0024	585464100	1	24	SH	DFND	28	0	24	0
MERCK & CO INC	COM 0090	58933Y105	416	4,579	SH	DFND	28	0	4,579	0
MERCURY SYS INC	COM 0069	589378108	12	179	SH	DFND	28	0	179	0
MERITAGE HOMES CORP	COM 0061	59001A102	36	586	SH	DFND	28	0	586	0
METHODE ELECTRS INC	COM 0039	591520200	35	879	SH	DFND	28	0	879	0
METLIFE INC	COM 0050	59156R108	334	6,553	SH	DFND	28	0	6,553	0
METTLER TOLEDO INTERNATIONAL	COM 0793	592688105	385	485	SH	DFND	28	0	485	0
MICHAELS COS INC	COM 0008	59408Q106	0	1	SH	DFND	28	0	1	0
MICROSOFT CORP	COM 0157	594918104	4,083	25,893	SH	DFND	28	0	25,893	0
MICROCHIP TECHNOLOGY INC	COM 0104	595017104	228	2,179	SH	DFND	28	0	2,179	0
MICRON TECHNOLOGY INC	COM 0053	595112103	64	1,189	SH	DFND	28	0	1,189	0
MID AMER APT CMNTYS INC	COM 0131	59522J103	123	934	SH	DFND	28	0	934	0
MIDDLEBY CORP	COM 0109	596278101	115	1,053	SH	DFND	28	0	1,053	0
MINERALS TECHNOLOGIES INC	COM 0057	603158106	29	497	SH	DFND	28	0	497	0
MIRATI THERAPEUTICS INC	COM 0128	60468T105	13	98	SH	DFND	28	0	98	0
MOBILE TELESYSTEMS PJSC	SPONSORED ADR 0010	607409109	1	122	SH	DFND	28	0	122	0
MOHAWK INDS INC	COM 0136	608190104	17	127	SH	DFND	28	0	127	0
MOLINA HEALTHCARE INC	COM 0135	60855R100	14	102	SH	DFND	28	0	102	0
MOLSON COORS BREWING CO	CL B 0053	60871R209	157	2,905	SH	DFND	28	0	2,905	0
MONDELEZ INTL INC	CL A 0055	609207105	407	7,395	SH	DFND	28	0	7,395	0
MONOLITHIC PWR SYS INC	COM 0178	609839105	92	514	SH	DFND	28	0	514	0
MONRO INC	COM 0078	610236101	89	1,138	SH	DFND	28	0	1,138	0
MONSTER BEVERAGE CORP NEW	COM 0063	61174X109	216	3,394	SH	DFND	28	0	3,394	0
MOODYS CORP	COM 0237	615369105	86	364	SH	DFND	28	0	364	0
MOOG INC	CL A 0085	615394202	94	1,098	SH	DFND	28	0	1,098	0
MORGAN STANLEY	COM NEW 0051	617446448	217	4,248	SH	DFND	28	0	4,248	0
MORNINGSTAR INC	COM 0151	617700109	93	618	SH	DFND	28	0	618	0
MOSAIC CO NEW	COM 0021	61945C103	19	868	SH	DFND	28	0	868	0

MOTOROLA SOLUTIONS INC	COM NEW 0161	620076307	72	446	SH	DFND	28	0	446	0
MOVADO GROUP INC	COM 0021	624580106	9	407	SH	DFND	28	0	407	0
MUELLER WTR PRODS INC	COM SER A 0011	624758108	46	3,849	SH	DFND	28	0	3,849	0
MURPHY OIL CORP	COM 0026	626717102	19	698	SH	DFND	28	0	698	0
MYRIAD GENETICS INC	COM 0027	62855J104	6	206	SH	DFND	28	0	206	0
NCR CORP NEW	COM 0035	62886E108	3	92	SH	DFND	28	0	92	0
NMI HLDGS INC	CL A 0033	629209305	8	251	SH	DFND	28	0	251	0
NRG ENERGY INC	COM NEW 0039	629377508	1	17	SH	DFND	28	0	17	0
NASDAQ INC	COM 0107	631103108	15	141	SH	DFND	28	0	141	0
NATIONAL BEVERAGE CORP	COM 0051	635017106	3	57	SH	DFND	28	0	57	0
NATIONAL HEALTH INVS INC	COM 0081	63633D104	3	39	SH	DFND	28	0	39	0
NATIONAL INSTRS CORP	COM 0042	636518102	2	52	SH	DFND	28	0	52	0
NATIONAL OILWELL VARCO INC	COM 0025	637071101	19	750	SH	DFND	28	0	750	0
NATIONAL VISION HLDGS INC	COM 0032	63845R107	8	262	SH	DFND	28	0	262	0
NEENAH INC	COM 0070	640079109	80	1,137	SH	DFND	28	0	1,137	0
NEOGEN CORP	COM 0065	640491106	1	14	SH	DFND	28	0	14	0
NEOGENOMICS INC	COM NEW 0029	64049M209	31	1,045	SH	DFND	28	0	1,045	0
NETAPP INC	COM 0062	64110D104	290	4,664	SH	DFND	28	0	4,664	0
NETFLIX INC	COM 0323	64110L106	139	431	SH	DFND	28	0	431	0
NETEASE INC	SPONSORED ADS 0306	64110W102	34	111	SH	DFND	28	0	111	0
NEUROCRINE BIOSCIENCES INC	COM 0107	64125C109	152	1,413	SH	DFND	28	0	1,413	0
NEVRO CORP	COM 0117	64157F103	1	5	SH	DFND	28	0	5	0
NEW JERSEY RES	COM 0044	646025106	9	211	SH	DFND	28	0	211	0
NEW YORK TIMES CO	CL A 0032	650111107	7	217	SH	DFND	28	0	217	0
NEWELL BRANDS INC	COM 0019	651229106	167	8,665	SH	DFND	28	0	8,665	0
NEWMARKET CORP	COM 0486	651587107	1	2	SH	DFND	28	0	2	0
NEWMARK GROUP INC	CL A 0013	65158N102	7	520	SH	DFND	28	0	520	0
NEXSTAR MEDIA GROUP INC	CL A 0117	65336K103	105	894	SH	DFND	28	0	894	0
NEXTERA ENERGY INC	COM 0242	65339F101	509	2,102	SH	DFND	28	0	2,102	0
NIKE INC	CL B 0101	654106103	511	5,043	SH	DFND	28	0	5,043	0
NISOURCE INC	COM 0027	65473P105	10	345	SH	DFND	28	0	345	0
NOBLE ENERGY INC	COM 0024	655044105	32	1,286	SH	DFND	28	0	1,286	0
NORDSON CORP	COM 0162	655663102	297	1,824	SH	DFND	28	0	1,824	0
NORDSTROM INC	COM 0040	655664100	8	201	SH	DFND	28	0	201	0
NORFOLK SOUTHERN CORP	COM 0194	655844108	10	53	SH	DFND	28	0	53	0
NORTHERN TR CORP	COM 0106	665859104	48	455	SH	DFND	28	0	455	0
NORTHROP GRUMMAN CORP	COM 0343	666807102	518	1,505	SH	DFND	28	0	1,505	0
NORTHWESTERN CORP	COM NEW 0071	668074305	39	544	SH	DFND	28	0	544	0
NORTONLIFELOCK INC	COM 0025	668771108	41	1,620	SH	DFND	28	0	1,620	0
NOVARTIS A G	SPONSORED ADR 0094	66987V109	244	2,573	SH	DFND	28	0	2,573	0
NOVANTA INC	COM 0088	67000B104	14	158	SH	DFND	28	0	158	0
NOW INC	COM 0011	67011P100	1	102	SH	DFND	28	0	102	0
NUANCE COMMUNICATIONS INC	COM 0017	67020Y100	1	77	SH	DFND	28	0	77	0
NUCOR CORP	COM 0056	670346105	3	48	SH	DFND	28	0	48	0
NUTANIX INC	CL A 0031	67059N108	174	5,565	SH	DFND	28	0	5,565	0
NVIDIA CORP	COM 0235	67066G104	727	3,092	SH	DFND	28	0	3,092	0
NUVASIVE INC	COM 0077	670704105	13	169	SH	DFND	28	0	169	0

NUTRIEN LTD	COM 0047	67077M108	268	5,591	SH	DFND	28	0	5,591	0
OGE ENERGY CORP	COM 0044	670837103	123	2,777	SH	DFND	28	0	2,777	0
O REILLY AUTOMOTIVE INC NEW	COM 0438	67103H107	20	46	SH	DFND	28	0	46	0
OSI SYSTEMS INC	COM 0100	671044105	7	65	SH	DFND	28	0	65	0
OCCIDENTAL PETE CORP	COM 0041	674599105	67	1,622	SH	DFND	28	0	1,622	0
OIL STS INTL INC	COM 0016	678026105	2	146	SH	DFND	28	0	146	0
OKTA INC	CL A 0115	679295105	20	172	SH	DFND	28	0	172	0
OLD DOMINION FREIGHT LINE IN	COM 0189	679580100	12	63	SH	DFND	28	0	63	0
OLD NATL BANCORP IND	COM 0018	680033107	46	2,514	SH	DFND	28	0	2,514	0
OLIN CORP	COM PAR \$1 0017	680665205	1	74	SH	DFND	28	0	74	0
OLLIES BARGAIN OUTLT HLDGS I	COM 0065	681116109	37	567	SH	DFND	28	0	567	0
OMNICOM GROUP INC	COM 0081	681919106	21	261	SH	DFND	28	0	261	0
OMNICELL INC	COM 0081	68213N109	85	1,037	SH	DFND	28	0	1,037	0
ON SEMICONDUCTOR CORP	COM 0024	682189105	79	3,243	SH	DFND	28	0	3,243	0
ONE GAS INC	COM 0093	68235P108	1	10	SH	DFND	28	0	10	0
ONEOK INC NEW	COM 0075	682680103	87	1,144	SH	DFND	28	0	1,144	0
ONTO INNOVATION INC	COM 0036	683344105	26	718	SH	DFND	28	0	718	0
ORACLE CORP	COM 0052	68389X105	637	12,032	SH	DFND	28	0	12,032	0
ORMAT TECHNOLOGIES INC	COM 0074	686688102	1	18	SH	DFND	28	0	18	0
OWENS CORNING NEW	COM 0065	690742101	27	415	SH	DFND	28	0	415	0
OXFORD INDS INC	COM 0075	691497309	13	175	SH	DFND	28	0	175	0
PC CONNECTION INC	COM 0049	69318J100	34	684	SH	DFND	28	0	684	0
PNC FINL SVCS GROUP INC	COM 0159	693475105	204	1,276	SH	DFND	28	0	1,276	0
PNM RES INC	COM 0050	69349H107	1	25	SH	DFND	28	0	25	0
PPG INDS INC	COM 0133	693506107	36	270	SH	DFND	28	0	270	0
PPL CORP	COM 0035	69351T106	174	4,848	SH	DFND	28	0	4,848	0
PRA HEALTH SCIENCES INC	COM 0111	69354M108	31	278	SH	DFND	28	0	278	0
PRA GROUP INC	COM 0036	69354N106	37	1,006	SH	DFND	28	0	1,006	0
PS BUSINESS PKS INC CALIF	COM 0164	69360J107	30	183	SH	DFND	28	0	183	0
PVH CORP	COM 0105	693656100	12	111	SH	DFND	28	0	111	0
PTC INC	COM 0074	69370C100	39	516	SH	DFND	28	0	516	0
PACCAR INC	COM 0079	693718108	2	22	SH	DFND	28	0	22	0
PACKAGING CORP AMER	COM 0111	695156109	167	1,487	SH	DFND	28	0	1,487	0
PALO ALTO NETWORKS INC	COM 0231	697435105	583	2,523	SH	DFND	28	0	2,523	0
PARKER HANNIFIN CORP	COM 0205	701094104	41	201	SH	DFND	28	0	201	0
PARSLEY ENERGY INC	CL A 0018	701877102	184	9,721	SH	DFND	28	0	9,721	0
PAYCHEX INC	COM 0085	704326107	22	256	SH	DFND	28	0	256	0
PAYCOM SOFTWARE INC	COM 0264	70432V102	34	128	SH	DFND	28	0	128	0
PAYLOCITY HLDG CORP	COM 0120	70438V106	13	106	SH	DFND	28	0	106	0
PAYPAL HLDGS INC	COM 0108	70450Y103	1,187	10,970	SH	DFND	28	0	10,970	0
PEBBLEBROOK HOTEL TR	COM 0026	70509V100	17	624	SH	DFND	28	0	624	0
PENN NATL GAMING INC	COM 0025	707569109	34	1,340	SH	DFND	28	0	1,340	0
PENNANT GROUP INC	COM 0033	70805E109	11	336	SH	DFND	28	0	336	0
PENSKE AUTOMOTIVE GRP INC	COM 0050	70959W103	0	1	SH	DFND	28	0	1	0
PENUMBRA INC	COM 0164	70975L107	36	221	SH	DFND	28	0	221	0
PEOPLES UTD FINL INC	COM 0016	712704105	1	72	SH	DFND	28	0	72	0
PEPSICO INC	COM 0136	713448108	615	4,499	SH	DFND	28	0	4,499	0

PERFORMANCE FOOD GROUP CO	COM 0051	71377A103	46	891	SH	DFND	28	0	891	0
PERSPECTA INC	COM 0026	715347100	1	44	SH	DFND	28	0	44	0
PFIZER INC	COM 0039	717081103	696	17,752	SH	DFND	28	0	17,752	0
PHIBRO ANIMAL HEALTH CORP	CL A COM 0024	71742Q106	13	520	SH	DFND	28	0	520	0
PHILIP MORRIS INTL INC	COM 0085	718172109	443	5,202	SH	DFND	28	0	5,202	0
PHILLIPS 66	COM 0111	718546104	605	5,428	SH	DFND	28	0	5,428	0
PHYSICIANS RLTY TR	COM 0018	71943U104	116	6,116	SH	DFND	28	0	6,116	0
PIEDMONT OFFICE REALTY TR IN	COM CL A 0022	720190206	24	1,101	SH	DFND	28	0	1,101	0
PIMCO ETF TR	0-5 HIGH YIELD 0099	72201R783	1,153	11,563	SH	DFND	28	0	11,563	0
PINNACLE FINL PARTNERS INC	COM 0064	72346Q104	158	2,465	SH	DFND	28	0	2,465	0
PINNACLE WEST CAP CORP	COM 0089	723484101	14	159	SH	DFND	28	0	159	0
PIONEER NAT RES CO	COM 0151	723787107	223	1,473	SH	DFND	28	0	1,473	0
PLANET FITNESS INC	CL A 0074	72703H101	122	1,632	SH	DFND	28	0	1,632	0
PLEXUS CORP	COM 0076	729132100	47	611	SH	DFND	28	0	611	0
POLARIS INC	COM 0101	731068102	161	1,582	SH	DFND	28	0	1,582	0
POOL CORPORATION	COM 0212	73278L105	350	1,647	SH	DFND	28	0	1,647	0
PORTLAND GEN ELEC CO	COM NEW 0055	736508847	132	2,371	SH	DFND	28	0	2,371	0
POST HLDGS INC	COM 0109	737446104	16	146	SH	DFND	28	0	146	0
POWER INTEGRATIONS INC	COM 0098	739276103	249	2,513	SH	DFND	28	0	2,513	0
PREMIER INC	CL A 0037	74051N102	75	1,985	SH	DFND	28	0	1,985	0
PRICE T ROWE GROUP INC	COM 0121	74144T108	232	1,904	SH	DFND	28	0	1,904	0
PRIMERICA INC	COM 0130	74164M108	77	592	SH	DFND	28	0	592	0
PRINCIPAL FINL GROUP INC	COM 0055	74251V102	29	526	SH	DFND	28	0	526	0
PROASSURANCE CORP	COM 0036	74267C106	2	63	SH	DFND	28	0	63	0
PROCTER & GAMBLE CO	COM 0124	742718109	396	3,168	SH	DFND	28	0	3,168	0
PROGENICS PHARMACEUTICALS IN	COM 0005	743187106	3	538	SH	DFND	28	0	538	0
PROGRESS SOFTWARE CORP	COM 0041	743312100	24	582	SH	DFND	28	0	582	0
PROGRESSIVE CORP OHIO	COM 0072	743315103	442	6,104	SH	DFND	28	0	6,104	0
PROLOGIS INC	COM 0089	74340W103	566	6,345	SH	DFND	28	0	6,345	0
PROOFPOINT INC	COM 0114	743424103	53	464	SH	DFND	28	0	464	0
PROPETRO HLDG CORP	COM 0011	74347M108	1	114	SH	DFND	28	0	114	0
PROSPERITY BANCSHARES INC	COM 0071	743606105	198	2,758	SH	DFND	28	0	2,758	0
PROTO LABS INC	COM 0101	743713109	2	22	SH	DFND	28	0	22	0
PRUDENTIAL FINL INC	COM 0093	744320102	240	2,557	SH	DFND	28	0	2,557	0
PUBLIC SVC ENTERPRISE GRP IN	COM 0059	744573106	24	403	SH	DFND	28	0	403	0
PUBLIC STORAGE	COM 0212	74460D109	33	157	SH	DFND	28	0	157	0
QUAKER CHEM CORP	COM 0164	747316107	260	1,582	SH	DFND	28	0	1,582	0
QTS RLTY TR INC	COM CL A 0054	74736A103	128	2,359	SH	DFND	28	0	2,359	0
QORVO INC	COM 0116	74736K101	199	1,712	SH	DFND	28	0	1,712	0
Q2 HLDGS INC	COM 0081	74736L109	6	69	SH	DFND	28	0	69	0
QUALCOMM INC	COM 0088	747525103	547	6,202	SH	DFND	28	0	6,202	0
QUALYS INC	COM 0083	74758T303	13	153	SH	DFND	28	0	153	0
QUANTA SVCS INC	COM 0040	74762E102	7	174	SH	DFND	28	0	174	0
QUEST DIAGNOSTICS INC	COM 0106	74834L100	39	368	SH	DFND	28	0	368	0
QUIDEL CORP	COM 0075	74838J101	5	73	SH	DFND	28	0	73	0
QURATE RETAIL INC	COM SER A 0008	74915M100	2	236	SH	DFND	28	0	236	0
RLI CORP	COM 0090	749607107	62	693	SH	DFND	28	0	693	0

RPM INTL INC	COM 0076	749685103	309	4,026	SH	DFND	28	0	4,026	0
RALPH LAUREN CORP	CL A 0117	751212101	19	164	SH	DFND	28	0	164	0
RANGE RES CORP	COM 0004	75281A109	0	50	SH	DFND	28	0	50	0
RAPID7 INC	COM 0056	753422104	171	3,054	SH	DFND	28	0	3,054	0
RAYMOND JAMES FINANCIAL INC	COM 0089	754730109	212	2,369	SH	DFND	28	0	2,369	0
RAYTHEON CO	COM NEW 0219	755111507	195	886	SH	DFND	28	0	886	0
RBC BEARINGS INC	COM 0158	75524B104	301	1,901	SH	DFND	28	0	1,901	0
REALPAGE INC	COM 0053	75606N109	32	602	SH	DFND	28	0	602	0
REALTY INCOME CORP	COM 0073	756109104	109	1,476	SH	DFND	28	0	1,476	0
RED ROCK RESORTS INC	CL A 0023	75700L108	4	180	SH	DFND	28	0	180	0
REGAL BELOIT CORP	COM 0085	758750103	7	84	SH	DFND	28	0	84	0
REGENCY CTRS CORP	COM 0063	758849103	8	123	SH	DFND	28	0	123	0
REGENERON PHARMACEUTICALS	COM 0375	75886F107	139	369	SH	DFND	28	0	369	0
REGIONS FINL CORP NEW	COM 0017	7591EP100	68	3,981	SH	DFND	28	0	3,981	0
REINSURANCE GRP OF AMERICA I	COM NEW 0163	759351604	239	1,467	SH	DFND	28	0	1,467	0
RELIANCE STEEL & ALUMINUM CO	COM 0119	759509102	360	3,009	SH	DFND	28	0	3,009	0
RENASANT CORP	COM 0035	75970E107	19	523	SH	DFND	28	0	523	0
REPLIGEN CORP	COM 0092	759916109	25	273	SH	DFND	28	0	273	0
REPUBLIC SVCS INC	COM 0089	760759100	310	3,455	SH	DFND	28	0	3,455	0
RESMED INC	COM 0154	761152107	367	2,370	SH	DFND	28	0	2,370	0
RESIDEO TECHNOLOGIES INC	COM 0011	76118Y104	0	29	SH	DFND	28	0	29	0
RETAIL OPPORTUNITY INVTs COR	COM 0017	76131N101	0	2	SH	DFND	28	0	2	0
RINGCENTRAL INC	CL A 0168	76680R206	9	56	SH	DFND	28	0	56	0
ROCKWELL AUTOMATION INC	COM 0202	773903109	20	97	SH	DFND	28	0	97	0
ROGERS CORP	COM 0124	775133101	1	5	SH	DFND	28	0	5	0
ROLLINS INC	COM 0033	775711104	4	106	SH	DFND	28	0	106	0
ROPER TECHNOLOGIES INC	COM 0354	776696106	787	2,221	SH	DFND	28	0	2,221	0
ROSS STORES INC	COM 0116	778296103	130	1,114	SH	DFND	28	0	1,114	0
ROYAL DUTCH SHELL PLC	SPON ADR B 0059	780259107	498	8,296	SH	DFND	28	0	8,296	0
RUSH ENTERPRISES INC	CL A 0046	781846209	35	750	SH	DFND	28	0	750	0
RYDER SYS INC	COM 0054	783549108	80	1,465	SH	DFND	28	0	1,465	0
RYMAN HOSPITALITY PPTYS INC	COM 0086	78377T107	94	1,088	SH	DFND	28	0	1,088	0
S&P GLOBAL INC	COM 0273	78409V104	68	248	SH	DFND	28	0	248	0
SBA COMMUNICATIONS CORP NEW	CL A 0240	78410G104	1,015	4,213	SH	DFND	28	0	4,213	0
SEI INVESTMENTS CO	COM 0065	784117103	10	159	SH	DFND	28	0	159	0
SPDR S&P 500 ETF TR	TR UNIT 0321	78462F103	2,260	7,021	SH	DFND	28	0	7,021	0
SPDR SERIES TRUST	PORTFOLIO INTRMD0035	78464A375	770	21,818	SH	DFND	28	0	21,818	0
SPDR SERIES TRUST	PORTFOLIO SHORT 0030	78464A474	175	5,684	SH	DFND	28	0	5,684	0
SPDR SERIES TRUST	BLOMBERG INTL TR0028	78464A516	46	1,580	SH	DFND	28	0	1,580	0
SPDR SERIES TRUST	DJ REIT ETF 0102	78464A607	53	524	SH	DFND	28	0	524	0
SPDR SERIES TRUST	S&P DIVID ETF 0107	78464A763	728	6,769	SH	DFND	28	0	6,769	0
SS&C TECHNOLOGIES HLDGS INC	COM 0061	78467J100	215	3,496	SH	DFND	28	0	3,496	0

SPDR SERIES TRUST	BLOOMBERG BRCLYS0109	78468R622	1,436	13,114	SH	DFND	28	0	13,114	0
SPDR SERIES TRUST	SPDR BLOOMBERG 0091	78468R663	741	8,109	SH	DFND	28	0	8,109	0
SRC ENERGY INC	COM 0004	78470V108	7	1,810	SH	DFND	28	0	1,810	0
SVB FINL GROUP	COM 0251	78486Q101	65	257	SH	DFND	28	0	257	0
SABRA HEALTH CARE REIT INC	COM 0021	78573L106	12	548	SH	DFND	28	0	548	0
SABRE CORP	COM 0022	78573M104	47	2,095	SH	DFND	28	0	2,095	0
SAGE THERAPEUTICS INC	COM 0072	78667J108	6	81	SH	DFND	28	0	81	0
SAIA INC	COM 0093	78709Y105	47	503	SH	DFND	28	0	503	0
SALESFORCE COM INC	COM 0162	79466L302	1,501	9,226	SH	DFND	28	0	9,226	0
SANDERSON FARMS INC	COM 0176	800013104	40	229	SH	DFND	28	0	229	0
SANDY SPRING BANCORP INC	COM 0037	800363103	29	769	SH	DFND	28	0	769	0
SANMINA CORPORATION	COM 0034	801056102	7	212	SH	DFND	28	0	212	0
SAP SE	SPON ADR 0133	803054204	985	7,350	SH	DFND	28	0	7,350	0
SAREPTA THERAPEUTICS INC	COM 0129	803607100	14	106	SH	DFND	28	0	106	0
HENRY SCHEIN INC	COM 0066	806407102	12	179	SH	DFND	28	0	179	0
SCHLUMBERGER LTD	COM 0040	806857108	379	9,418	SH	DFND	28	0	9,418	0
SCHOLASTIC CORP	COM 0038	807066105	15	383	SH	DFND	28	0	383	0
THE CHARLES SCHWAB CORPORATI	COM 0047	808513105	418	8,789	SH	DFND	28	0	8,789	0
SCHWAB STRATEGIC TR	US LCAP GR ETF 0092	808524300	298	3,208	SH	DFND	28	0	3,208	0
SCHWAB STRATEGIC TR	US DIVIDEND EQ 0057	808524797	241	4,165	SH	DFND	28	0	4,165	0
SCOTTS MIRACLE GRO CO	CL A 0106	810186106	180	1,694	SH	DFND	28	0	1,694	0
SEALED AIR CORP NEW	COM 0039	81211K100	132	3,316	SH	DFND	28	0	3,316	0
SEAWORLD ENTMT INC	COM 0031	81282V100	2	66	SH	DFND	28	0	66	0
SELECT SECTOR SPDR TR	SBI CONS STPLS 0062	81369Y308	69	1,093	SH	DFND	28	0	1,093	0
SELECT SECTOR SPDR TR	SBI CONS DISCR 0125	81369Y407	88	699	SH	DFND	28	0	699	0
SELECT SECTOR SPDR TR	SBI INT-INDS 0081	81369Y704	57	697	SH	DFND	28	0	697	0
SELECT SECTOR SPDR TR	TECHNOLOGY 0091	81369Y803	152	1,659	SH	DFND	28	0	1,659	0
SELECTIVE INS GROUP INC	COM 0065	816300107	72	1,106	SH	DFND	28	0	1,106	0
SEMPRA ENERGY	COM 0151	816851109	30	196	SH	DFND	28	0	196	0
SENSIENT TECHNOLOGIES CORP	COM 0066	81725T100	42	633	SH	DFND	28	0	633	0
SERVICE CORP INTL	COM 0046	817565104	12	270	SH	DFND	28	0	270	0
SERVICENOW INC	COM 0282	81762P102	123	436	SH	DFND	28	0	436	0
SHAKE SHACK INC	CL A 0059	819047101	7	115	SH	DFND	28	0	115	0
SHERWIN WILLIAMS CO	COM 0583	824348106	853	1,461	SH	DFND	28	0	1,461	0
SHOPIFY INC	CL A 0397	82509L107	775	1,950	SH	DFND	28	0	1,950	0
SIGNATURE BK NEW YORK N Y	COM 0136	82669G104	175	1,278	SH	DFND	28	0	1,278	0
SILICON LABORATORIES INC	COM 0115	826919102	161	1,391	SH	DFND	28	0	1,391	0
SIMON PPTY GROUP INC NEW	COM 0148	828806109	9	59	SH	DFND	28	0	59	0
SIMPLY GOOD FOODS CO	COM 0028	82900L102	31	1,100	SH	DFND	28	0	1,100	0
SINCLAIR BROADCAST GROUP INC	CL A 0033	829226109	1	21	SH	DFND	28	0	21	0
SITEONE LANDSCAPE SUPPLY INC	COM 0090	82982L103	55	609	SH	DFND	28	0	609	0
SKECHERS U S A INC	CL A 0043	830566105	7	151	SH	DFND	28	0	151	0
SKYWORKS SOLUTIONS INC	COM 0120	83088M102	196	1,625	SH	DFND	28	0	1,625	0
SMITH & NEPHEW PLC	SPDN ADR NEW 0048	83175M205	266	5,531	SH	DFND	28	0	5,531	0

SMITH A O CORP	COM 0047	831865209	32	664	SH	DFND	28	0	664	0
SNAP ON INC	COM 0169	833034101	195	1,149	SH	DFND	28	0	1,149	0
SOLAREDGE TECHNOLOGIES INC	COM 0095	83417M104	10	109	SH	DFND	28	0	109	0
SONOCO PRODS CO	COM 0061	835495102	90	1,462	SH	DFND	28	0	1,462	0
SOUTH JERSEY INDS INC	COM 0032	838518108	11	342	SH	DFND	28	0	342	0
SOUTH ST CORP	COM 0086	840441109	90	1,035	SH	DFND	28	0	1,035	0
SOUTHERN CO	COM 0063	842587107	341	5,350	SH	DFND	28	0	5,350	0
SOUTHWEST AIRLS CO	COM 0053	844741108	46	849	SH	DFND	28	0	849	0
SOUTHWEST GAS HOLDINGS INC	COM 0075	844895102	22	292	SH	DFND	28	0	292	0
SPECTRUM BRANDS HLDGS INC NE	COM 0064	84790A105	0	7	SH	DFND	28	0	7	0
SPIRIT AEROSYSTEMS HLDGS INC	COM CL A 0072	848574109	14	197	SH	DFND	28	0	197	0
SPIRIT RLTY CAP INC NEW	COM NEW 0049	84860W300	18	365	SH	DFND	28	0	365	0
SPLUNK INC	COM 0149	848637104	332	2,215	SH	DFND	28	0	2,215	0
SPROUTS FMRS MKT INC	COM 0019	85208M102	12	639	SH	DFND	28	0	639	0
SQUARE INC	CL A 0062	852234103	11	182	SH	DFND	28	0	182	0
STAG INDL INC	COM 0031	85254J102	55	1,736	SH	DFND	28	0	1,736	0
STANDARD MTR PRODS INC	COM 0053	853666105	117	2,195	SH	DFND	28	0	2,195	0
STANDEX INTL CORP	COM 0079	854231107	93	1,171	SH	DFND	28	0	1,171	0
STANLEY BLACK & DECKER INC	COM 0165	854502101	102	618	SH	DFND	28	0	618	0
STARBUCKS CORP	COM 0087	855244109	195	2,222	SH	DFND	28	0	2,222	0
STARWOOD PPTY TR INC	COM 0024	85571B105	11	457	SH	DFND	28	0	457	0
STATE STR CORP	COM 0079	857477103	75	951	SH	DFND	28	0	951	0
STEEL DYNAMICS INC	COM 0034	858119100	18	539	SH	DFND	28	0	539	0
STEELCASE INC	CL A 0020	858155203	10	478	SH	DFND	28	0	478	0
STERICYCLE INC	COM 0063	858912108	134	2,096	SH	DFND	28	0	2,096	0
STERLING BANCORP DEL	COM 0021	85917A100	74	3,491	SH	DFND	28	0	3,491	0
STIFEL FINL CORP	COM 0060	860630102	207	3,412	SH	DFND	28	0	3,412	0
STORE CAP CORP	COM 0037	862121100	10	282	SH	DFND	28	0	282	0
STRYKER CORP	COM 0209	863667101	170	810	SH	DFND	28	0	810	0
SUMMIT HOTEL PPTYS INC	COM 0012	866082100	116	9,423	SH	DFND	28	0	9,423	0
SUMMIT MATLS INC	CL A 0023	86614U100	14	570	SH	DFND	28	0	570	0
SUN CMNTYS INC	COM 0150	866674104	260	1,735	SH	DFND	28	0	1,735	0
SYKES ENTERPRISES INC	COM 0036	871237103	39	1,059	SH	DFND	28	0	1,059	0
SYNOPSYS INC	COM 0139	871607107	385	2,764	SH	DFND	28	0	2,764	0
SYNOVUS FINL CORP	COM NEW 0039	87161C501	16	415	SH	DFND	28	0	415	0
SYNNEX CORP	COM 0128	87162W100	136	1,052	SH	DFND	28	0	1,052	0
SYNCHRONY FINL	COM 0036	87165B103	10	273	SH	DFND	28	0	273	0
SYNEOS HEALTH INC	CL A 0059	87166B102	123	2,072	SH	DFND	28	0	2,072	0
SYSCO CORP	COM 0085	871829107	101	1,178	SH	DFND	28	0	1,178	0
TCF FINANCIAL CORPORATION NE	COM 0046	872307103	109	2,323	SH	DFND	28	0	2,323	0
TJX COS INC NEW	COM 0061	872540109	1,344	22,006	SH	DFND	28	0	22,006	0
T MOBILE US INC	COM 0078	872590104	18	224	SH	DFND	28	0	224	0
TRI POINTE GROUP INC	COM 0015	87265H109	23	1,502	SH	DFND	28	0	1,502	0
TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS 0058	874039100	1,824	31,391	SH	DFND	28	0	31,391	0
TAILORED BRANDS INC	COM 0004	87403A107	0	5	SH	DFND	28	0	5	0

TAKE-TWO INTERACTIVE SOFTWARE	COM 0122	874054109	63	514	SH	DFND	28	0	514	0
TANDEM DIABETES CARE INC	COM NEW 0059	875372203	25	412	SH	DFND	28	0	412	0
TAPESTRY INC	COM 0026	876030107	6	230	SH	DFND	28	0	230	0
TARGET CORP	COM 0128	87612E106	1,315	10,259	SH	DFND	28	0	10,259	0
TAUBMAN CTRS INC	COM 0031	876664103	5	158	SH	DFND	28	0	158	0
TELADOC HEALTH INC	COM 0083	87918A105	97	1,160	SH	DFND	28	0	1,160	0
TELEDYNE TECHNOLOGIES INC	COM 0346	879360105	36	104	SH	DFND	28	0	104	0
TEMPUR SEALY INTL INC	COM 0087	88023U101	21	238	SH	DFND	28	0	238	0
TERADYNE INC	COM 0068	880770102	9	126	SH	DFND	28	0	126	0
TESLA INC	COM 0418	88160R101	34	82	SH	DFND	28	0	82	0
TETRA TECH INC NEW	COM 0086	88162G103	187	2,171	SH	DFND	28	0	2,171	0
TEXAS CAPITAL BANCSHARES INC	COM 0056	88224Q107	7	119	SH	DFND	28	0	119	0
TEXAS INSTRS INC	COM 0128	882508104	560	4,364	SH	DFND	28	0	4,364	0
TEXAS ROADHOUSE INC	COM 0056	882681109	89	1,573	SH	DFND	28	0	1,573	0
THE TRADE DESK INC	COM CL A 0259	88339J105	28	106	SH	DFND	28	0	106	0
THERMO FISHER SCIENTIFIC INC	COM 0324	883556102	1,236	3,804	SH	DFND	28	0	3,804	0
THOR INDS INC	COM 0074	885160101	4	58	SH	DFND	28	0	58	0
3M CO	COM 0176	88579Y101	150	850	SH	DFND	28	0	850	0
TIMKEN CO	COM 0056	887389104	66	1,167	SH	DFND	28	0	1,167	0
TOLL BROTHERS INC	COM 0039	889478103	14	344	SH	DFND	28	0	344	0
TOPBUILD CORP	COM 0103	89055F103	0	3	SH	DFND	28	0	3	0
TORO CO	COM 0079	891092108	285	3,581	SH	DFND	28	0	3,581	0
TRACTOR SUPPLY CO	COM 0093	892356106	96	1,025	SH	DFND	28	0	1,025	0
TRANSUNION	COM 0085	89400J107	9	102	SH	DFND	28	0	102	0
TRAVELERS COMPANIES INC	COM 0136	89417E109	155	1,134	SH	DFND	28	0	1,134	0
TREEHOUSE FOODS INC	COM 0048	89469A104	5	103	SH	DFND	28	0	103	0
TREX CO INC	COM 0089	89531P105	63	703	SH	DFND	28	0	703	0
TRIMBLE INC	COM 0041	896239100	24	583	SH	DFND	28	0	583	0
TRINITY INDS INC	COM 0022	896522109	1	25	SH	DFND	28	0	25	0
TRIUMPH GROUP INC NEW	COM 0025	896818101	41	1,631	SH	DFND	28	0	1,631	0
TRIPADVISOR INC	COM 0030	896945201	5	152	SH	DFND	28	0	152	0
TRUEBLUE INC	COM 0024	89785X101	27	1,107	SH	DFND	28	0	1,107	0
TRUIST FINL CORP	COM 0056	89832Q109	327	5,803	SH	DFND	28	0	5,803	0
TRUSTMARK CORP	COM 0034	898402102	32	917	SH	DFND	28	0	917	0
TWILIO INC	CL A 0098	90138F102	326	3,317	SH	DFND	28	0	3,317	0
TWITTER INC	COM 0032	90184L102	29	906	SH	DFND	28	0	906	0
II VI INC	COM 0033	902104108	2	48	SH	DFND	28	0	48	0
TYLER TECHNOLOGIES INC	COM 0300	902252105	249	829	SH	DFND	28	0	829	0
TYSON FOODS INC	CL A 0091	902494103	34	379	SH	DFND	28	0	379	0
UDR INC	COM 0046	902653104	45	954	SH	DFND	28	0	954	0
UGI CORP NEW	COM 0045	902681105	9	192	SH	DFND	28	0	192	0
UMB FINL CORP	COM 0068	902788108	46	667	SH	DFND	28	0	667	0
US BANCORP DEL	COM NEW 0059	902973304	261	4,402	SH	DFND	28	0	4,402	0
U S PHYSICAL THERAPY INC	COM 0114	90337L108	83	724	SH	DFND	28	0	724	0
UBER TECHNOLOGIES INC	COM 0029	90353T100	219	7,360	SH	DFND	28	0	7,360	0
ULTA BEAUTY INC	COM 0253	90384S303	79	314	SH	DFND	28	0	314	0
UMPQUA HLDGS CORP	COM 0017	904214103	15	865	SH	DFND	28	0	865	0

UNIFIRST CORP MASS	COM 0201	904708104	23	114	SH	DFND	28	0	114	0
UNILEVER PLC	SPON ADR NEW 0057	904767704	328	5,737	SH	DFND	28	0	5,737	0
UNILEVER N V	N Y SHS NEW 0057	904784709	247	4,290	SH	DFND	28	0	4,290	0
UNION PACIFIC CORP	COM 0180	907818108	650	3,598	SH	DFND	28	0	3,598	0
UNITED CMNTY BKS BLAIRSVLE G	COM 0030	90984P303	32	1,022	SH	DFND	28	0	1,022	0
UNITED BANKSHARES INC WEST V	COM 0038	909907107	100	2,596	SH	DFND	28	0	2,596	0
UNITED AIRLINES HLDGS INC	COM 0088	910047109	2	27	SH	DFND	28	0	27	0
UNITED FIRE GROUP INC	COM 0043	910340108	4	90	SH	DFND	28	0	90	0
UNITED NAT FOODS INC	COM 0008	911163103	0	39	SH	DFND	28	0	39	0
UNITED PARCEL SERVICE INC	CL B 0117	911312106	653	5,580	SH	DFND	28	0	5,580	0
UNITED RENTALS INC	COM 0166	911363109	6	34	SH	DFND	28	0	34	0
US FOODS HLDG CORP	COM 0041	912008109	12	276	SH	DFND	28	0	276	0
UNITED TECHNOLOGIES CORP	COM 0149	913017109	498	3,328	SH	DFND	28	0	3,328	0
UNITEDHEALTH GROUP INC	COM 0293	91324P102	1,840	6,260	SH	DFND	28	0	6,260	0
UNIVERSAL DISPLAY CORP	COM 0206	91347P105	51	250	SH	DFND	28	0	250	0
UNIVERSAL ELECTRS INC	COM 0052	913483103	28	545	SH	DFND	28	0	545	0
UNIVERSAL HLTH SVCS INC	CL B 0143	913903100	23	162	SH	DFND	28	0	162	0
URBAN EDGE PPTYS	COM 0019	91704F104	12	621	SH	DFND	28	0	621	0
V F CORP	COM 0099	918204108	124	1,245	SH	DFND	28	0	1,245	0
VAIL RESORTS INC	COM 0239	91879Q109	155	646	SH	DFND	28	0	646	0
VALERO ENERGY CORP NEW	COM 0093	91913Y100	229	2,445	SH	DFND	28	0	2,445	0
VANECK VECTORS ETF TR	JP MORGAN MKTS 0034	92189H300	959	28,195	SH	DFND	28	0	28,195	0
VANGUARD STAR FD	VG TL INTL STK F0055	921909768	542	9,737	SH	DFND	28	0	9,737	0
VANGUARD ADMIRAL FDS INC	500 GRTH IDX F 0174	921932505	783	4,490	SH	DFND	28	0	4,490	0
VANGUARD ADMIRAL FDS INC	500 VAL IDX FD 0125	921932703	918	7,311	SH	DFND	28	0	7,311	0
VANGUARD BD INDEX FD INC	LONG TERM BOND 0100	921937793	1,506	15,008	SH	DFND	28	0	15,008	0
VANGUARD BD INDEX FD INC	INTERMED TERM 0087	921937819	2,501	28,676	SH	DFND	28	0	28,676	0
VANGUARD BD INDEX FD INC	SHORT TRM BOND 0080	921937827	1,983	24,601	SH	DFND	28	0	24,601	0
VANGUARD BD INDEX FD INC	TOTAL BND MRKT 0083	921937835	527	6,287	SH	DFND	28	0	6,287	0
VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF0044	921943858	6,609	149,999	SH	DFND	28	0	149,999	0
VANGUARD WHITEHALL FDS INC	HIGH DIV YLD 0093	921946406	143	1,528	SH	DFND	28	0	1,528	0
VANGUARD CHARLOTTE FDS	INTL BD IDX ETF 0056	92203J407	2,281	40,323	SH	DFND	28	0	40,323	0
VANGUARD INTL EQUITY INDEX F	GLB EX US ETF 0059	922042676	23	391	SH	DFND	28	0	391	0
VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US 0053	922042775	550	10,235	SH	DFND	28	0	10,235	0
VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF0044	922042858	1,447	32,543	SH	DFND	28	0	32,543	0
VANGUARD WORLD FDS	CONSUM DIS ETF 0189	92204A108	1,140	6,016	SH	DFND	28	0	6,016	0
VANGUARD WORLD FDS	CONSUM STP ETF 0161	92204A207	391	2,426	SH	DFND	28	0	2,426	0
VANGUARD WORLD FDS	INF TECH ETF 0244	92204A702	1,083	4,423	SH	DFND	28	0	4,423	0
VANGUARD WORLD FDS	UTILITIES ETF 0142	92204A876	1,074	7,517	SH	DFND	28	0	7,517	0
VANGUARD WORLD FDS	COMM SRVC ETF 0093	92204A884	772	8,223	SH	DFND	28	0	8,223	0

VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD0081	92206C409	1,429	17,634	SH	DFND	28	0	17,634	0
VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW 0155	92206C623	273	1,750	SH	DFND	28	0	1,750	0
VANGUARD SCOTTSDALE FDS	VNG RUS1000GRW 0180	92206C680	244	1,347	SH	DFND	28	0	1,347	0
VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC 0053	92206C771	1,017	19,126	SH	DFND	28	0	19,126	0
VAREX IMAGING CORP	COM 0029	92214X106	21	694	SH	DFND	28	0	694	0
VARIAN MED SYS INC	COM 0142	92220P105	250	1,763	SH	DFND	28	0	1,763	0
VEEVA SYS INC	CL A COM 0140	922475108	56	398	SH	DFND	28	0	398	0
VENTAS INC	COM 0057	92276F100	116	2,003	SH	DFND	28	0	2,003	0
VANGUARD INDEX FDS	S&P 500 ETF SHS 0295	922908363	6,228	21,054	SH	DFND	28	0	21,054	0
VANGUARD INDEX FDS	MCAP VL IDXVIP 0119	922908512	241	2,019	SH	DFND	28	0	2,019	0
VANGUARD INDEX FDS	REAL ESTATE ETF 0092	922908553	115	1,244	SH	DFND	28	0	1,244	0
VANGUARD INDEX FDS	SML CP GRW ETF 0198	922908595	450	2,264	SH	DFND	28	0	2,264	0
VANGUARD INDEX FDS	SM CP VAL ETF 0137	922908611	704	5,137	SH	DFND	28	0	5,137	0
VANGUARD INDEX FDS	MID CAP ETF 0178	922908629	1,991	11,172	SH	DFND	28	0	11,172	0
VANGUARD INDEX FDS	EXTEND MKT ETF 0125	922908652	858	6,810	SH	DFND	28	0	6,810	0
VANGUARD INDEX FDS	GROWTH ETF 0182	922908736	917	5,032	SH	DFND	28	0	5,032	0
VANGUARD INDEX FDS	VALUE ETF 0119	922908744	767	6,397	SH	DFND	28	0	6,397	0
VANGUARD INDEX FDS	SMALL CP ETF 0165	922908751	815	4,919	SH	DFND	28	0	4,919	0
VEREIT INC	COM 0009	92339V100	185	19,974	SH	DFND	28	0	19,974	0
VERIZON COMMUNICATIONS INC	COM 0061	92343V104	905	14,738	SH	DFND	28	0	14,738	0
VERISK ANALYTICS INC	COM 0149	92345Y106	225	1,505	SH	DFND	28	0	1,505	0
VERTEX PHARMACEUTICALS INC	COM 0218	92532F100	440	2,009	SH	DFND	28	0	2,009	0
VIAVI SOLUTIONS INC	COM 0015	925550105	20	1,349	SH	DFND	28	0	1,349	0
VIACOMCBS INC	CL B 0041	92556H206	2	50	SH	DFND	28	0	50	0
VICI PPTYS INC	COM 0025	925652109	101	3,937	SH	DFND	28	0	3,937	0
VIPSHOP HLDGS LTD	SPONSORED ADS A 0014	92763W103	5	377	SH	DFND	28	0	377	0
VISA INC	COM CL A 0187	92826C839	3,091	16,449	SH	DFND	28	0	16,449	0
VISTEON CORP	COM NEW 0086	92839U206	0	3	SH	DFND	28	0	3	0
VISTRA ENERGY CORP	COM 0022	92840M102	226	9,828	SH	DFND	28	0	9,828	0
VMWARE INC	CL A COM 0151	928563402	577	3,802	SH	DFND	28	0	3,802	0
VORNADO RLTY TR	SH BEN INT 0066	929042109	3	44	SH	DFND	28	0	44	0
VULCAN MATLS CO	COM 0143	929160109	2	14	SH	DFND	28	0	14	0
WD-40 CO	COM 0194	929236107	100	516	SH	DFND	28	0	516	0
WABCO HLDGS INC	COM 0135	92927K102	65	477	SH	DFND	28	0	477	0
WEC ENERGY GROUP INC	COM 0092	92939U106	190	2,060	SH	DFND	28	0	2,060	0
WABTEC CORP	COM 0077	929740108	138	1,769	SH	DFND	28	0	1,769	0
WALMART INC	COM 0118	931142103	936	7,877	SH	DFND	28	0	7,877	0
WALGREENS BOOTS ALLIANCE INC	COM 0058	931427108	96	1,637	SH	DFND	28	0	1,637	0
WASTE CONNECTIONS INC	COM 0090	94106B101	112	1,238	SH	DFND	28	0	1,238	0
WASTE MGMT INC DEL	COM 0113	94106L109	78	688	SH	DFND	28	0	688	0
WATERS CORP	COM 0233	941848103	48	207	SH	DFND	28	0	207	0
WATSCO INC	COM 0180	942622200	24	135	SH	DFND	28	0	135	0

WAYFAIR INC	CL A 0090	94419L101	5	56	SH	DFND	28	0	56	0
WEBSTER FINL CORP CONN	COM 0053	947890109	164	3,076	SH	DFND	28	0	3,076	0
WELBILT INC	COM 0015	949090104	4	242	SH	DFND	28	0	242	0
WELLCARE HEALTH PLANS INC	COM 0330	94946T106	188	570	SH	DFND	28	0	570	0
WELLS FARGO CO NEW	COM 0053	949746101	468	8,700	SH	DFND	28	0	8,700	0
WELLTOWER INC	COM 0081	95040Q104	273	3,335	SH	DFND	28	0	3,335	0
WESBANCO INC	COM 0037	950810101	25	657	SH	DFND	28	0	657	0
WEST PHARMACEUTICAL SVSC INC	COM 0150	955306105	520	3,458	SH	DFND	28	0	3,458	0
WESTERN ALLIANCE BANCORP	COM 0057	957638109	216	3,788	SH	DFND	28	0	3,788	0
WESTERN DIGITAL CORP	COM 0063	958102105	14	220	SH	DFND	28	0	220	0
WEX INC	COM 0209	96208T104	12	58	SH	DFND	28	0	58	0
WEYERHAEUSER CO	COM 0030	962166104	128	4,247	SH	DFND	28	0	4,247	0
WHIRLPOOL CORP	COM 0147	963320106	19	129	SH	DFND	28	0	129	0
WILLIAMS COS INC DEL	COM 0023	969457100	4	183	SH	DFND	28	0	183	0
WINGSTOP INC	COM 0086	974155103	40	463	SH	DFND	28	0	463	0
WISDOMTREE TR	EMER MKT HIGH FD0045	97717W315	14	305	SH	DFND	28	0	305	0
WOLVERINE WORLD WIDE INC	COM 0033	978097103	27	800	SH	DFND	28	0	800	0
WOODWARD INC	COM 0118	980745103	179	1,514	SH	DFND	28	0	1,514	0
WORKDAY INC	CL A 0164	98138H101	156	946	SH	DFND	28	0	946	0
WORLD WRESTLING ENTMT INC	CL A 0064	98156Q108	3	48	SH	DFND	28	0	48	0
WW INTL INC	COM 0038	98262P101	1	17	SH	DFND	28	0	17	0
WYNDHAM DESTINATIONS INC	COM 0051	98310W108	13	255	SH	DFND	28	0	255	0
WYNDHAM HOTELS & RESORTS INC	COM 0062	98311A105	5	86	SH	DFND	28	0	86	0
WYNN RESORTS LTD	COM 0138	983134107	28	200	SH	DFND	28	0	200	0
XPO LOGISTICS INC	COM 0079	983793100	5	65	SH	DFND	28	0	65	0
XCEL ENERGY INC	COM 0063	98389B100	33	527	SH	DFND	28	0	527	0
XILINX INC	COM 0097	983919101	272	2,781	SH	DFND	28	0	2,781	0
XYLEM INC	COM 0078	98419M100	23	294	SH	DFND	28	0	294	0
XEROX HOLDINGS CORP	COM NEW 0036	98421M106	1	16	SH	DFND	28	0	16	0
YETI HLDGS INC	COM 0034	98585X104	6	179	SH	DFND	28	0	179	0
YUM BRANDS INC	COM 0100	988498101	15	151	SH	DFND	28	0	151	0
YUM CHINA HLDGS INC	COM 0048	98850P109	40	842	SH	DFND	28	0	842	0
ZAYO GROUP HLDGS INC	COM 0034	98919V105	15	442	SH	DFND	28	0	442	0
ZEBRA TECHNOLOGIES CORP	CL A 0255	989207105	867	3,394	SH	DFND	28	0	3,394	0
ZENDESK INC	COM 0076	98936J101	1	14	SH	DFND	28	0	14	0
ZILLOW GROUP INC	CL C CAP STK 0045	98954M200	14	300	SH	DFND	28	0	300	0
ZIMMER BIOMET HLDGS INC	COM 0149	98956P102	45	300	SH	DFND	28	0	300	0
ZIONS BANCORPORATION N A	COM 0051	989701107	2	37	SH	DFND	28	0	37	0
ZOGENIX INC	COM NEW 0052	98978L204	7	139	SH	DFND	28	0	139	0
ZOETIS INC	CL A 0132	98978V103	1,471	11,115	SH	DFND	28	0	11,115	0
ADIENT PLC	ORD SHS 0021	G0084W101	0	12	SH	DFND	28	0	12	0
ALLEGION PUB LTD CO	ORD SHS 0124	G0176J109	213	1,708	SH	DFND	28	0	1,708	0
ALLERGAN PLC	SHS 0191	G0177J108	30	155	SH	DFND	28	0	155	0
AMCOR PLC	ORD 0010	G0250X107	40	3,713	SH	DFND	28	0	3,713	0
AMDOCS LTD	SHS 0072	G02602103	5	66	SH	DFND	28	0	66	0
AMBARELLA INC	SHS 0060	G037AX101	32	530	SH	DFND	28	0	530	0
AON PLC	SHS CL A 0208	G0408V102	91	437	SH	DFND	28	0	437	0

ARCH CAP GROUP LTD	ORD 0042	G0450A105	26	604	SH	DFND	28	0	604	0
ARGO GROUP INTL HLDGS LTD	COM 0065	G0464B107	66	997	SH	DFND	28	0	997	0
AXIS CAPITAL HOLDINGS LTD	SHS 0059	G0692U109	0	5	SH	DFND	28	0	5	0
AXALTA COATING SYS LTD	COM 0030	G0750C108	2	82	SH	DFND	28	0	82	0
ACCENTURE PLC IRELAND	SHS CLASS A 0210	G1151C101	749	3,559	SH	DFND	28	0	3,559	0
COCA COLA EUROPEAN PARTNERS	SHS 0050	G25839104	2	49	SH	DFND	28	0	49	0
EATON CORP PLC	SHS 0094	G29183103	250	2,639	SH	DFND	28	0	2,639	0
ENDO INTL PLC	SHS 0004	G30401106	0	45	SH	DFND	28	0	45	0
ENSTAR GROUP LIMITED	SHS 0206	G3075P101	8	38	SH	DFND	28	0	38	0
EVEREST RE GROUP LTD	COM 0276	G3223R108	34	123	SH	DFND	28	0	123	0
FRESH DEL MONTE PRODUCE INC	ORD 0034	G36738105	22	640	SH	DFND	28	0	640	0
GENPACT LIMITED	SHS 0042	G3922B107	442	10,486	SH	DFND	28	0	10,486	0
HORIZON THERAPEUTICS PUB LTD	SHS 0036	G46188101	66	1,817	SH	DFND	28	0	1,817	0
ICON PLC	SHS 0172	G4705A100	208	1,205	SH	DFND	28	0	1,205	0
IHS MARKIT LTD	SHS 0075	G47567105	356	4,724	SH	DFND	28	0	4,724	0
INGERSOLL-RAND PLC	SHS 0132	G47791101	175	1,315	SH	DFND	28	0	1,315	0
INVESCO LTD	SHS 0017	G491BT108	50	2,784	SH	DFND	28	0	2,784	0
JAMES RIV GROUP LTD	COM 0041	G5005R107	57	1,388	SH	DFND	28	0	1,388	0
JAZZ PHARMACEUTICALS PLC	SHS USD 0149	G50871105	137	921	SH	DFND	28	0	921	0
JOHNSON CTLS INTL PLC	SHS 0040	G51502105	295	7,240	SH	DFND	28	0	7,240	0
LINDE PLC	SHS 0212	G5494J103	809	3,802	SH	DFND	28	0	3,802	0
LIVANOVA PLC	SHS 0075	G5509L101	1	11	SH	DFND	28	0	11	0
MARVELL TECHNOLOGY GROUP LTD	ORD 0026	G5876H105	14	509	SH	DFND	28	0	509	0
MEDTRONIC PLC	SHS 0113	G5960L103	715	6,304	SH	DFND	28	0	6,304	0
APTIV PLC	SHS 0094	G6095L109	107	1,127	SH	DFND	28	0	1,127	0
NOVOCURE LTD	ORD SHS 0084	G6674U108	9	103	SH	DFND	28	0	103	0
NVENT ELECTRIC PLC	SHS 0025	G6700G107	0	10	SH	DFND	28	0	10	0
RENAISSANCERE HOLDINGS LTD	COM 0196	G7496G103	125	635	SH	DFND	28	0	635	0
SEAGATE TECHNOLOGY PLC	SHS 0059	G7945M107	7	123	SH	DFND	28	0	123	0
PENTAIR PLC	SHS 0045	G7S00T104	3	68	SH	DFND	28	0	68	0
SENSATA TECHNOLOGIES HLDNG P	SHS 0053	G8060N102	140	2,596	SH	DFND	28	0	2,596	0
STERIS PLC	SHS USD 0152	G8473T100	612	4,018	SH	DFND	28	0	4,018	0
TRITON INTL LTD	CL A 0040	G9078F107	0	6	SH	DFND	28	0	6	0
PERRIGO CO PLC	SHS 0051	G97822103	0	9	SH	DFND	28	0	9	0
ALCON INC	ORD SHS 0056	H01301128	316	5,585	SH	DFND	28	0	5,585	0
CHUBB LIMITED	COM 0155	H1467J104	782	5,021	SH	DFND	28	0	5,021	0
GARMIN LTD	SHS 0097	H2906T109	164	1,680	SH	DFND	28	0	1,680	0
TE CONNECTIVITY LTD	REG SHS 0095	H84989104	169	1,761	SH	DFND	28	0	1,761	0
SPOTIFY TECHNOLOGY S A	SHS 0149	L8681T102	174	1,165	SH	DFND	28	0	1,165	0
CHECK POINT SOFTWARE TECH LT	ORD 0110	M22465104	507	4,572	SH	DFND	28	0	4,572	0
CYBERARK SOFTWARE LTD	SHS 0116	M2682V108	2	15	SH	DFND	28	0	15	0
AERCAP HOLDINGS NV	SHS 0061	N00985106	77	1,253	SH	DFND	28	0	1,253	0
ASML HOLDING N V	N Y REGISTRY SHS0295	N07059210	479	1,618	SH	DFND	28	0	1,618	0
CORE LABORATORIES N V	COM 0037	N22717107	7	188	SH	DFND	28	0	188	0

LYONDELLBASELL INDUSTRIES N	SHS - A - 0094	N53745100	136	1,436	SH	DFND	28	0	1,436	0
NXP SEMICONDUCTORS N V	COM 0127	N6596X109	518	4,074	SH	DFND	28	0	4,074	0
WRIGHT MED GROUP N V	ORD SHS 0030	N96617118	5	155	SH	DFND	28	0	155	0
YANDEX N V	SHS CLASS A 0043	N97284108	300	6,905	SH	DFND	28	0	6,905	0
ROYAL CARIBBEAN CRUISES LTD	COM 0133	V7780T103	49	366	SH	DFND	28	0	366	0
SEASPAN CORP	SHS 0014	Y75638109	132	9,286	SH	DFND	28	0	9,286	0
FLOOR & DECOR HLDGS INC	CL A 0050	339750101	181	3,570	SH	DFND	14	3,570	0	0
GARDNER DENVER HLDGS INC	COM 0036	36555P107	200	5,450	SH	DFND	14	5,450	0	0
ISHARES INC	EM HGHYL BD ETF 0047	464286285	65	1,370	SH	DFND	18	0	1,370	0
ISHARES TR	MBS ETF 0108	464288588	42	390	SH	DFND	18	0	390	0
MORNINGSTAR INC	COM 0151	617700109	167	1,103	SH	DFND	14	1,103	0	0
NUTANIX INC	CL A 0031	67059N108	175	5,600	SH	DFND	14	5,600	0	0
SIMPLY GOOD FOODS CO	COM 0028	82900L102	192	6,710	SH	DFND	14	6,710	0	0
AMBARELLA INC	SHS 0060	G037AX101	182	3,011	SH	DFND	14	3,011	0	0
SEASPAN CORP	SHS 0014	Y75638109	41	2,900	SH	DFND	14	0	2,900	0
CARGURUS INC	COM CL A 0035	141788109	195	5,540	SH	DFND	14	5,040	500	0
HOULIHAN LOKEY INC	CL A 0048	441593100	187	3,821	SH	DFND	14	3,420	401	0
ICF INTL INC	COM 0091	44925C103	196	2,140	SH	DFND	14	1,746	394	0
PREMIER INC	CL A 0037	74051N102	195	5,140	SH	DFND	14	5,140	0	0