

EXHIBIT A

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.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 13F

FORM 13F COVER PAGE

OMB APPROVAL

OMB Number:	3235-0006
Estimated average burden hours per response:	23.8

Report for the Calendar Year or Quarter Ended: 09-30-2024

Check here if Amendment ☐ Amendment Number:

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

☐ adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: NORTHERN TRUST CORP

Address: 50 S LASALLE ST

CHICAGO, IL 60603

Form 13F File Number: 028-00290

CRD Number (if applicable):

SEC File Number (if applicable): 001-36609

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: Angelo Manioudakis

Title: Executive Vice President

Phone: (312) 630-6000

Signature, Place, and Date of Signing:

Angelo Manioudakis Chicago, IL 11-12-2024

[Signature]

[City, State]

[Date]

Report Type (Check only one.):

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

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

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

List of Other Managers Reporting for this Manager:
[If there are no entries in this list, omit this section.]

Name	Form 13F File No.	CRD No. (if applicable)	SEC File No. (if applicable)	CIK
KELLOGG W K FOUNDATION TRUST	028-15333			0001197921
First Sentier Investors (Australia) IM Ltd	028-14423	000160034	801-73006	0001513216
MAR VISTA INVESTMENT PARTNERS LLC	028-13243	000144906	801-68369	0001419999
LAZARD ASSET MANAGEMENT LLC	028-10469	000122836	801-61701	0001207017
CAUSEWAY CAPITAL MANAGEMENT LLC	028-11728	000113308	801-60343	0001165797
WELLINGTON MANAGEMENT GROUP LLP	028-04557	000130131	801-62752	0000902219
WCM INVESTMENT MANAGEMENT, LLC	028-07104	000104702	801-11916	0001061186
Westwood Global Investments, LLC	028-11863	000125012	801-61776	0001356513
VICTORY CAPITAL MANAGEMENT INC	028-06354	000106189	801-46878	0001040188
Aristotle Capital Management, LLC	028-02634	000109876	801-60014	0000860644
ARIEL INVESTMENTS, LLC	028-04003	000108211	801-18767	0000936753
POLEN CAPITAL MANAGEMENT LLC	028-03687	000106093	801-15180	0001034524
AXIOM INVESTORS LLC /DE	028-05615	000109605	801-56651	0001109147
MASSACHUSETTS FINANCIAL SERVICES CO /MA/	028-04968	000110045	801-17352	0000912938
JANUS HENDERSON GROUP PLC	028-10904	000104652	801-13991	0001274173
EARNEST PARTNERS LLC	028-05269	000107926	801-56189	0001102578
Boston Common Asset Management, LLC	028-12579	000123558	801-61564	0001409427
KBI Global Investors (North America) Ltd	028-13513	000113606	801-60358	0001463879
Clearbridge Investments, LLC	028-11611	000137028	801-64710	0001348883
Grantham, Mayo, Van Otterloo & Co. LLC	028-11599	000106220	801-15028	0001352662
EAGLE GLOBAL ADVISORS LLC	028-06213	000107306	801-53294	0001130787
GENERATION INVESTMENT	028-12114	000164371	802-77005	0001375534

MANAGEMENT LLP

Mitsubishi UFJ Trust & Banking Corp	028-13564	000296868	801-113352	0001462160
Van Hulzen Asset Management, LLC	028-15895	000116632	801-61884	0001600145
PZENA INVESTMENT MANAGEMENT LLC	028-03791	000106847	801-50838	0001027796
BAILLIE GIFFORD & CO	028-04825	000304197	802-116796	0001088875
Burgundy Asset Management Ltd.	028-11129	000114317	801-60503	0001315868
Neuberger Berman Group LLC	028-13573	000002908	801-3908	0001465109
WILLIAM BLAIR INVESTMENT MANAGEMENT, LLC	028-17022	000173961	801-80640	0001644956
DRIEHAUS CAPITAL MANAGEMENT LLC	028-04207	000105757	801-18439	0000938206
Granite Investment Partners, LLC	028-14862	000150632	801-70383	0001542266
RIVERBRIDGE PARTNERS LLC	028-05655	000108074	801-57432	0001112325
Brandywine Global Investment Management, LLC	028-02204	000110783	801-27797	0000829108
Lisanti Capital Growth, LLC	028-12654	000130023	801-62639	0001424467
EAGLE CAPITAL MANAGEMENT LLC	028-04988	000106422	801-48883	0000945631
CAMPBELL NEWMAN ASSET MANAGEMENT INC	028-02903	000107003	801-8825	0000874791
AFFINITY INVESTMENT ADVISORS, LLC	028-14467	000108278	801-42015	0001520601
JACOBS LEVY EQUITY MANAGEMENT, INC	028-03059	000107022	801-28257	0000884414
Vulcan Value Partners, LLC	028-15045	000151190	801-70739	0001556785
PARAMETRIC PORTFOLIO ASSOCIATES LLC	028-04558	000114310	801-60485	0000932859
AMERICAN CENTURY INVESTMENT MANAGEMENT INC	028-01091	000105778	801-8174	0000052388
Colonial First State Investments Ltd	028-14421	000175193	801-108196	0001513287
HOTCHKIS & WILEY CAPITAL MANAGEMENT LLC	028-10068	000114649	801-60512	0001164833
CLIFFORD CAPITAL PARTNERS LLC	028-18460	000153956	801-78911	0001730467
Capital Group Private Client Services, Inc.	028-21408	000312837	801-121267	0001857666
Coho Partners, Ltd.	028-11563	000111335	801-60111	0001350585
V-Square Quantitative Management LLC	028-23188	000310355	801-119868	0001943239
LSV ASSET MANAGEMENT	028-06580	000109918	801-47689	0001050470

PAYDEN & RYSEL INVESTMENT GROUP		000107160	801-19762	0000885709
SNYDER CAPITAL MANAGEMENT L P	028-06636	000108518	801-54641	0001050477
Haven Global Partners LP				0001414702
Madison Investment Advisors, LLC	028-14137	000110297	801-52751	0001507115
Copeland Capital Management, LLC	028-14668	000135822	801-68586	0001541743
JENNISON ASSOCIATES LLC	028-00074	000107959	801-5608	0000053417
Promethos Capital, LLC	028-24042	000300915	801-114880	0001908619
FAYEZ SAROFIM & CO	028-10991	000106584	801-1725	0000937729
FMR LLC	028-00451			0000315066

Form 13F Summary Page

Report Summary:

Number of Other Included Managers:	3
Form 13F Information Table Entry Total:	13,708
Form 13F Information Table Value Total:	610,871,342,670
	(round to nearest dollar)

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.	Name	Form 13F File No.	CRD No. (if applicable)	SEC File No. (if applicable)	CIK
1	NORTHERN TRUST CO	028-10495			0000919972
8	Northern Trust Investments, Inc	028-10487	000105780	801-33358	0001256909
9	NORTHERN TRUST GLOBAL INVESTMENTS LTD	028-10549	000111900	801-60152	0001145619

AST SPACEMOBILE INC	COM	00217D100	27,080,286	1,035,575	SH	DFND	01,08	6,063	1,029,512	0
ASP ISOTOPES INC	COM	00218A105	71,827	25,837	SH	DFND	1	1,702	24,135	0
ASP ISOTOPES INC	COM	00218A105	976,686	351,326	SH	DFND	01,08	0	351,326	0
AXT INC	COM	00246W103	208,986	86,358	SH	DFND	01,08	0	86,358	0
AZZ INC	COM	002474104	46,509	563	SH	OTR	1	563	0	0
AZZ INC	COM	002474104	286,987	3,474	SH	DFND	9	3,474	0	0
AZZ INC	COM	002474104	1,940,839	23,494	SH	DFND	1	4,158	19,336	0
AZZ INC	COM	002474104	21,534,031	260,671	SH	DFND	01,08	1,761	258,910	0
THE AARONS COMPANY INC	COM	00258W108	468	47	SH	OTR	1	47	0	0
THE AARONS COMPANY INC	COM	00258W108	924,753	92,940	SH	DFND	1	2,946	89,994	0
THE AARONS COMPANY INC	COM	00258W108	2,422,029	243,420	SH	DFND	01,08	402	243,018	0
ABACUS LIFE INC	COM	00258Y104	51,986	5,137	SH	DFND	9	5,137	0	0
ABACUS LIFE INC	COM	00258Y104	184,913	18,272	SH	DFND	01,08	0	18,272	0
ABBOTT LABS	COM	002824100	80,494,024	706,026	SH	DFND	9	706,026	0	0
ABBOTT LABS	COM	002824100	129,145,284	1,132,754	SH	OTR	1	972,261	121,371	39,122
ABBOTT LABS	COM	002824100	753,109,244	6,605,642	SH	DFND	1	4,512,333	2,023,707	69,602
ABBOTT LABS	COM	002824100	1,316,751,198	11,549,436	SH	DFND	01,08	51,541	11,497,895	0
ABBOTT LABS	COM	002824100	268,152	2,352	SH	DFND	01,08	0	2,352	0
ABBVIE INC	COM	00287Y109	159,774,749	809,068	SH	DFND	9	809,068	0	0
ABBVIE INC	COM	00287Y109	169,201,851	856,805	SH	OTR	1	746,715	85,522	24,568
ABBVIE INC	COM	00287Y109	1,096,327,993	5,551,590	SH	DFND	1	3,635,934	1,868,388	47,268
ABBVIE INC	COM	00287Y109	2,430,277,154	12,306,447	SH	DFND	01,08	111,334	12,195,113	0
ABBVIE INC	COM	00287Y109	211,501	1,071	SH	DFND	01,08	0	1,071	0
ABCELLERA BIOLOGICS INC	COM	00288U106	1,942	747	SH	DFND	1	747	0	0
ABCELLERA BIOLOGICS INC	COM	00288U106	50,310	19,350	SH	DFND	01,08	0	19,350	0
ABCELLERA BIOLOGICS INC	COM	00288U106	50,310	19,350	SH	DFND	9	19,350	0	0
ABERCROMBIE & FITCH CO	COM	002896207	120,454	861	SH	OTR	1	783	78	0
ABERCROMBIE & FITCH CO	COM	002896207	1,136,408	8,123	SH	DFND	9	8,123	0	0
ABERCROMBIE & FITCH CO	COM	002896207	12,812,322	91,582	SH	DFND	1	11,078	80,504	0
ABERCROMBIE & FITCH CO	COM	002896207	69,583,182	497,378	SH	DFND	01,08	1,418	495,960	0
ABEONA THERAPEUTICS INC	COM	00289Y206	59,509	9,416	SH	DFND	9	9,416	0	0
ABEONA THERAPEUTICS INC	COM	00289Y206	120,491	19,065	SH	DFND	1	0	19,065	0
ABEONA THERAPEUTICS INC	COM	00289Y206	916,210	144,970	SH	DFND	01,08	0	144,970	0
ACACIA RESH CORP	COM	003881307	138,020	29,618	SH	DFND	1	1,556	28,062	0
ACACIA RESH CORP	COM	003881307	1,370,730	294,148	SH	DFND	01,08	0	294,148	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	37,876	649	SH	OTR	1	649	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	520,746	8,923	SH	DFND	9	8,923	0	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	3,701,658	63,428	SH	DFND	1	11,310	52,118	0
ACADEMY SPORTS & OUTDOORS IN	COM	00402L107	38,097,700	652,805	SH	DFND	01,08	1,034	651,771	0

BANK OF NT BUTTERFIELD&SON L	COM	G0772R208	9,732,079	263,885	SH	DFND	01,08	564	263,321	0
BEYONDSRING INC	COM	G10830100	12,501	5,459	SH	DFND	1	0	5,459	0
BEYONDSRING INC	COM	G10830100	25,753	11,246	SH	DFND	01,08	0	11,246	0
BIOHAVEN LTD	COM	G1110E107	12,093	242	SH	OTR	1	228	14	0
BIOHAVEN LTD	COM	G1110E107	265,790	5,319	SH	DFND	9	5,319	0	0
BIOHAVEN LTD	COM	G1110E107	3,082,200	61,681	SH	DFND	1	6,809	54,872	0
BIOHAVEN LTD	COM	G1110E107	30,433,429	609,034	SH	DFND	01,08	3,124	605,910	0
BIT DIGITAL INC	COM	G1144A105	262,460	74,775	SH	DFND	1	8,616	66,159	0
BIT DIGITAL INC	COM	G1144A105	2,299,313	655,075	SH	DFND	01,08	2,369	652,706	0
ACCENTURE PLC IRELAND	COM	G1151C101	75,452,073	213,455	SH	OTR	1	181,871	23,145	8,439
ACCENTURE PLC IRELAND	COM	G1151C101	99,315,155	280,964	SH	DFND	9	280,964	0	0
ACCENTURE PLC IRELAND	COM	G1151C101	725,339,193	2,051,995	SH	DFND	1	1,366,109	674,708	11,178
ACCENTURE PLC IRELAND	COM	G1151C101	1,520,644,096	4,301,924	SH	DFND	01,08	11,250	4,290,674	0
ACCENTURE PLC IRELAND	SHS CLASS A	G1151C101	437,255	1,237	SH	DFND	01,08	0	1,237	0
BORR DRILLING LTD	COM	G1466R173	752,635	137,092	SH	DFND	1	18,569	118,523	0
BORR DRILLING LTD	COM	G1466R173	6,989,714	1,273,172	SH	DFND	01,08	12,419	1,260,753	0
BROOKFIELD INFRAST PARTNERS	COM	G16252101	270,824	7,729	SH	DFND	01,08	0	7,729	0
BROOKFIELD INFRAST PARTNERS	COM	G16252101	1,586,576	45,279	SH	OTR	1	23,701	18,977	2,601
BROOKFIELD INFRAST PARTNERS	COM	G16252101	9,550,222	272,552	SH	DFND	1	267,908	4,563	81
BROOKFIELD RENEWABLE PARTNER	COM	G16258108	228,963	8,125	SH	OTR	1	3,850	4,275	0
BROOKFIELD RENEWABLE PARTNER	COM	G16258108	1,962,230	69,632	SH	DFND	1	66,950	2,682	0
CALEDONIA MNG CORP PLC	COM	G1757E113	160,072	10,700	SH	DFND	1	653	10,047	0
CALEDONIA MNG CORP PLC	COM	G1757E113	1,273,859	85,151	SH	DFND	01,08	0	85,151	0
CAMBIUM NETWORKS CORP	COM	G17766109	28,830	15,754	SH	DFND	01,08	0	15,754	0
BURFORD CAP LTD	COM	G17977110	1,582,395	119,336	SH	DFND	1	10,678	108,658	0
BURFORD CAP LTD	COM	G17977110	14,179,859	1,069,371	SH	DFND	01,08	0	1,069,371	0
CAPRI HOLDINGS LIMITED	COM	G1890L107	851,983	20,075	SH	DFND	9	20,075	0	0
CAPRI HOLDINGS LIMITED	COM	G1890L107	946,072	22,292	SH	OTR	1	21,884	258	150
CAPRI HOLDINGS LIMITED	COM	G1890L107	6,317,746	148,863	SH	DFND	1	38,590	110,273	0
CAPRI HOLDINGS LIMITED	COM	G1890L107	28,589,409	673,643	SH	DFND	01,08	2,588	671,055	0
CIMPRESS PLC	COM	G2143T103	9,585	117	SH	OTR	1	117	0	0
CIMPRESS PLC	COM	G2143T103	163,512	1,996	SH	DFND	9	1,996	0	0
CIMPRESS PLC	COM	G2143T103	1,456,456	17,779	SH	DFND	1	1,501	16,278	0
CIMPRESS PLC	COM	G2143T103	11,559,895	141,112	SH	DFND	01,08	853	140,259	0
CLARIVATE PLC	COM	G21810109	32,049	4,514	SH	OTR	1	3,502	575	437
CLARIVATE PLC	COM	G21810109	795,747	112,077	SH	DFND	9	112,077	0	0
CLARIVATE PLC	COM	G21810109	1,763,981	248,448	SH	DFND	1	98,536	149,912	0
CLARIVATE PLC	COM	G21810109	15,897,170	2,239,038	SH	DFND	01,08	2,807	2,236,231	0
CONSOLIDATED WATER CO INC	COM	G23773107	32,344	1,283	SH	DFND	9	1,283	0	0

CLIPPER RLTY INC	COM	18885T306	45,640	8,007	SH	DFND	9	8,007	0	0
CLIPPER RLTY INC	COM	18885T306	48,524	8,513	SH	DFND	1	466	8,047	0
CLIPPER RLTY INC	COM	18885T306	534,723	93,811	SH	DFND	01,08	0	93,811	0
CLOROX CO DEL	COM	189054109	2,325,866	14,277	SH	OTR	1	12,216	1,947	114
CLOROX CO DEL	COM	189054109	9,433,304	57,905	SH	DFND	9	57,905	0	0
CLOROX CO DEL	COM	189054109	63,746,031	391,296	SH	DFND	1	188,251	201,229	1,816
CLOROX CO DEL	COM	189054109	130,428,027	800,614	SH	DFND	01,08	28,548	772,066	0
CLOVER HEALTH INVESTMENTS CO	COM	18914F103	10,975	3,892	SH	DFND	1	3,892	0	0
CLOVER HEALTH INVESTMENTS CO	COM	18914F103	28,682	10,171	SH	DFND	9	10,171	0	0
CLOVER HEALTH INVESTMENTS CO	COM	18914F103	2,599,614	921,849	SH	DFND	01,08	0	921,849	0
CLOUDFLARE INC	COM	18915M107	257,473	3,183	SH	OTR	1	2,171	748	264
CLOUDFLARE INC	COM	18915M107	8,384,815	103,657	SH	DFND	9	103,657	0	0
CLOUDFLARE INC	COM	18915M107	16,153,895	199,702	SH	DFND	1	40,757	158,945	0
CLOUDFLARE INC	COM	18915M107	107,004,285	1,322,837	SH	DFND	01,08	2,861	1,319,976	0
CO-DIAGNOSTICS INC	COM	189763105	68,721	54,977	SH	DFND	01,08	0	54,977	0
COASTAL FINL CORP WA	COM	19046P209	266,711	4,940	SH	DFND	9	4,940	0	0
COASTAL FINL CORP WA	COM	19046P209	530,830	9,832	SH	DFND	1	550	9,282	0
COASTAL FINL CORP WA	COM	19046P209	5,016,751	92,920	SH	DFND	01,08	0	92,920	0
COCA COLA CONS INC	COM	191098102	106,628	81	SH	OTR	1	75	0	6
COCA COLA CONS INC	COM	191098102	1,203,190	914	SH	DFND	9	914	0	0
COCA COLA CONS INC	COM	191098102	9,812,446	7,454	SH	DFND	1	1,158	6,196	100
COCA COLA CONS INC	COM	191098102	42,420,990	32,225	SH	DFND	01,08	432	31,793	0
COCA COLA CO	COM	191216100	80,692,816	1,122,917	SH	OTR	1	914,106	142,973	65,838
COCA COLA CO	COM	191216100	124,084,902	1,726,759	SH	DFND	9	1,726,759	0	0
COCA COLA CO	COM	191216100	701,471,738	9,761,644	SH	DFND	1	5,332,541	4,362,023	67,080
COCA COLA CO	COM	191216100	1,967,171,237	27,375,052	SH	DFND	01,08	257,639	27,117,413	0
COCA COLA CO	COM	191216100	299,512	4,168	SH	DFND	01,08	0	4,168	0
COCA-COLA FEMSA SAB DE CV	COM	191241108	295,970	3,336	SH	OTR	1	3,206	66	64
COCA-COLA FEMSA SAB DE CV	COM	191241108	6,634,925	74,785	SH	DFND	1	73,657	1,128	0
COCRYSTAL PHARMA INC	COM	19188J409	440	250	SH	DFND	1	250	0	0
COCRYSTAL PHARMA INC	COM	19188J409	20,981	11,921	SH	DFND	01,08	0	11,921	0
CODA OCTOPUS GROUP INC	COM	19188U206	46,523	6,417	SH	DFND	9	6,417	0	0
CODA OCTOPUS GROUP INC	COM	19188U206	137,562	18,974	SH	DFND	01,08	0	18,974	0
CODEXIS INC	COM	192005106	182	59	SH	OTR	1	59	0	0
CODEXIS INC	COM	192005106	162,553	52,777	SH	DFND	1	4,365	48,412	0
CODEXIS INC	COM	192005106	1,654,259	537,097	SH	DFND	01,08	0	537,097	0
COEUR MNG INC	COM	192108504	24,417	3,549	SH	OTR	1	3,048	501	0
COEUR MNG INC	COM	192108504	330,708	48,068	SH	DFND	9	48,068	0	0
COEUR MNG INC	COM	192108504	2,175,064	316,143	SH	DFND	1	41,518	274,625	0
COEUR MNG INC	COM	192108504	21,944,166	3,189,559	SH	DFND	01,08	21,398	3,168,161	0
COFFEE HLDG CO INC	COM	192176105	46,267	14,324	SH	DFND	01,08	0	14,324	0
COGENT COMMUNICATIONS HLDGS	COM	19239V302	309,298	4,074	SH	OTR	1	3,924	53	97
COGENT COMMUNICATIONS	COM	19239V302	1,776,832	23,404	SH	DFND	9	23,404	0	0

FRESENIUS MEDICAL CARE AG	COM	358029106	4,313,122	202,494	SH	DFND	1	195,941	5,932	621
FRESHPET INC	COM	358039105	1,101,409	8,053	SH	DFND	9	8,053	0	0
FRESHPET INC	COM	358039105	4,115,820	30,093	SH	OTR	1	20,742	9,309	42
FRESHPET INC	COM	358039105	17,873,377	130,682	SH	DFND	1	117,093	12,406	1,183
FRESHPET INC	COM	358039105	25,647,247	187,521	SH	DFND	01,08	275	187,246	0
FRESHWORKS INC	COM	358054104	16,531	1,440	SH	OTR	1	1,156	284	0
FRESHWORKS INC	COM	358054104	326,893	28,475	SH	DFND	9	28,475	0	0
FRESHWORKS INC	COM	358054104	1,675,713	145,968	SH	DFND	1	15,990	129,978	0
FRESHWORKS INC	COM	358054104	19,174,504	1,670,253	SH	DFND	01,08	3,285	1,666,968	0
FREYR BATTERY INC	COM	35834F104	8,899	9,173	SH	DFND	9	9,173	0	0
FREYR BATTERY INC	COM	35834F104	61,142	63,027	SH	DFND	1	8,469	54,558	0
FREYR BATTERY INC	COM	35834F104	597,356	615,767	SH	DFND	01,08	3,399	612,368	0
FRIEDMAN INDS INC	COM	358435105	47,916	2,991	SH	DFND	9	2,991	0	0
FRIEDMAN INDS INC	COM	358435105	259,524	16,200	SH	DFND	01,08	0	16,200	0
FRONTDOOR INC	COM	35905A109	353,926	7,375	SH	OTR	1	7,072	303	0
FRONTDOOR INC	COM	35905A109	671,332	13,989	SH	DFND	9	13,989	0	0
FRONTDOOR INC	COM	35905A109	6,483,209	135,095	SH	DFND	1	79,347	55,260	488
FRONTDOOR INC	COM	35905A109	33,064,054	688,978	SH	DFND	01,08	2,108	686,870	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	102,682	2,890	SH	OTR	1	2,667	0	223
FRONTIER COMMUNICATIONS PARE	COM	35909D109	1,152,487	32,437	SH	DFND	9	32,437	0	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	9,462,136	266,314	SH	DFND	1	45,390	220,924	0
FRONTIER COMMUNICATIONS PARE	COM	35909D109	48,445,191	1,363,501	SH	DFND	01,08	1,476	1,362,025	0
FRONTIER GROUP HLDGS INC	COM	35909R108	52,660	9,843	SH	DFND	9	9,843	0	0
FRONTIER GROUP HLDGS INC	COM	35909R108	148,848	27,822	SH	DFND	1	1,493	26,329	0
FRONTIER GROUP HLDGS INC	COM	35909R108	2,410,871	450,630	SH	DFND	01,08	0	450,630	0
FUEL TECH INC	COM	359523107	38,663	36,822	SH	DFND	01,08	0	36,822	0
FUELCELL ENERGY INC	COM	35952H601	16	42	SH	OTR	1	42	0	0
FUELCELL ENERGY INC	COM	35952H601	13,565	35,697	SH	DFND	9	35,697	0	0
FUELCELL ENERGY INC	COM	35952H601	140,738	370,362	SH	DFND	1	28,493	341,869	0
FUELCELL ENERGY INC	COM	35952H601	1,387,061	3,650,161	SH	DFND	01,08	9,187	3,640,974	0
FTAI INFRASTRUCTURE INC	COM	35953C106	515	55	SH	OTR	1	55	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	29,615	3,164	SH	DFND	9	3,164	0	0
FTAI INFRASTRUCTURE INC	COM	35953C106	749,670	80,093	SH	DFND	1	21,691	58,402	0
FTAI INFRASTRUCTURE INC	COM	35953C106	7,216,513	770,995	SH	DFND	01,08	3,551	767,444	0
FUBOTV INC	COM	35953D104	170	120	SH	OTR	1	120	0	0
FUBOTV INC	COM	35953D104	40,845	28,764	SH	DFND	9	28,764	0	0
FUBOTV INC	COM	35953D104	301,315	212,194	SH	DFND	1	29,199	182,995	0
FUBOTV INC	COM	35953D104	3,300,542	2,324,325	SH	DFND	01,08	5,947	2,318,378	0
FULCRUM THERAPEUTICS INC	COM	359616109	1,178	330	SH	OTR	1	330	0	0
FULCRUM THERAPEUTICS INC	COM	359616109	310,772	87,051	SH	DFND	1	3,225	83,826	0
FULCRUM THERAPEUTICS INC	COM	359616109	1,714,892	480,362	SH	DFND	01,08	1,171	479,191	0

GANNETT CO INC	COM	36472T109	99,637	17,729	SH	DFND	9	17,729	0	0
GANNETT CO INC	COM	36472T109	787,902	140,196	SH	DFND	1	35,557	104,639	0
GANNETT CO INC	COM	36472T109	6,121,276	1,089,195	SH	DFND	01,08	900	1,088,295	0
GAP INC	COM	364760108	608,646	27,603	SH	OTR	1	27,311	116	176
GAP INC	COM	364760108	786,854	35,685	SH	DFND	9	35,685	0	0
GAP INC	COM	364760108	7,312,265	331,622	SH	DFND	1	105,163	226,459	0
GAP INC	COM	364760108	26,965,739	1,222,936	SH	DFND	01,08	2,125	1,220,811	0
GARRETT MOTION INC	COM	366505105	303	37	SH	OTR	1	37	0	0
GARRETT MOTION INC	COM	366505105	19,501	2,384	SH	DFND	1	2,134	250	0
GARRETT MOTION INC	COM	366505105	77,080	9,423	SH	DFND	9	9,423	0	0
GARRETT MOTION INC	COM	366505105	2,454,712	300,087	SH	DFND	01,08	48	300,039	0
GARTNER INC	COM	366651107	7,340,419	14,485	SH	OTR	1	14,089	243	153
GARTNER INC	COM	366651107	19,106,372	37,703	SH	DFND	9	37,703	0	0
GARTNER INC	COM	366651107	122,462,608	241,658	SH	DFND	1	133,250	108,114	294
GARTNER INC	COM	366651107	265,637,004	524,187	SH	DFND	01,08	7,000	517,187	0
GATOS SILVER INC	COM	368036109	21,308	1,413	SH	DFND	9	1,413	0	0
GATOS SILVER INC	COM	368036109	1,584,214	105,054	SH	DFND	01,08	0	105,054	0
GE VERNOVA INC	COM	36828A101	10,306,037	40,419	SH	OTR	1	27,802	12,079	538
GE VERNOVA INC	COM	36828A101	27,437,888	107,608	SH	DFND	9	107,608	0	0
GE VERNOVA INC	COM	36828A101	132,772,676	520,718	SH	DFND	1	238,710	280,968	1,040
GE VERNOVA INC	COM	36828A101	412,440,349	1,617,540	SH	DFND	01,08	7,202	1,610,338	0
GCM GROSVENOR INC	COM	36831E108	57,336	5,065	SH	DFND	9	5,065	0	0
GCM GROSVENOR INC	COM	36831E108	177,452	15,676	SH	OTR	1	15,364	312	0
GCM GROSVENOR INC	COM	36831E108	2,134,477	188,558	SH	DFND	1	153,894	34,664	0
GCM GROSVENOR INC	COM	36831E108	3,714,115	328,102	SH	DFND	01,08	15	328,087	0
GENCOR INDS INC	COM	368678108	155,616	7,460	SH	DFND	1	1,096	6,364	0
GENCOR INDS INC	COM	368678108	1,602,528	76,823	SH	DFND	01,08	0	76,823	0
GEN RESTAURENT GROUP	COM	36870C104	28,839	3,417	SH	DFND	9	3,417	0	0
GEN RESTAURENT GROUP	COM	36870C104	96,874	11,478	SH	DFND	01,08	0	11,478	0
GENELUX CORPORATION	COM	36870H103	113,087	47,716	SH	DFND	01,08	0	47,716	0
GENASYS INC	COM	36872P103	292,219	82,084	SH	DFND	01,08	0	82,084	0
GENERAC HLDGS INC	COM	368736104	721,951	4,544	SH	OTR	1	4,452	32	60
GENERAC HLDGS INC	COM	368736104	3,345,536	21,057	SH	DFND	9	21,057	0	0
GENERAC HLDGS INC	COM	368736104	20,312,967	127,851	SH	DFND	1	65,617	62,077	157
GENERAC HLDGS INC	COM	368736104	57,653,103	362,872	SH	DFND	01,08	494	362,378	0
GENERAL AMERN INVS CO INC	COM	368802104	459,062	8,563	SH	DFND	1	8,256	307	0
GENERAL DYNAMICS CORP	COM	369550108	24,044,543	79,565	SH	OTR	1	72,498	4,697	2,370
GENERAL DYNAMICS CORP	COM	369550108	29,494,116	97,598	SH	DFND	9	97,598	0	0
GENERAL DYNAMICS CORP	COM	369550108	255,094,575	844,125	SH	DFND	1	499,643	336,134	8,348
GENERAL DYNAMICS CORP	COM	369550108	447,551,854	1,480,979	SH	DFND	01,08	5,299	1,475,680	0
GE AEROSPACE	COM	369604301	26,536,035	140,715	SH	OTR	1	121,847	14,446	4,422
GE AEROSPACE	COM	369604301	74,308,629	394,043	SH	DFND	9	394,043	0	0
GE AEROSPACE	COM	369604301	418,708,700	2,220,324	SH	DFND	1	1,090,220	1,125,665	4,439
GE AEROSPACE	COM	369604301	1,270,780,463	6,738,681	SH	DFND	01,08	27,284	6,711,397	0
GENERAL MLS INC	COM	370334104	13,057,788	176,815	SH	OTR	1	164,192	11,320	1,303

PARAMOUNT GROUP INC	COM	69924R108	1,522,632	309,478	SH	DFND	1	21,122	288,356	0
PARAMOUNT GROUP INC	COM	69924R108	8,360,684	1,699,326	SH	DFND	01,08	966	1,698,360	0
PARK AEROSPACE CORP	COM	70014A104	31,415	2,411	SH	DFND	9	2,411	0	0
PARK AEROSPACE CORP	COM	70014A104	216,103	16,585	SH	DFND	1	1,363	15,222	0
PARK AEROSPACE CORP	COM	70014A104	1,916,088	147,052	SH	DFND	01,08	819	146,233	0
REPOSITRAK INC	COM	700215304	114,846	6,218	SH	DFND	1	470	5,748	0
REPOSITRAK INC	COM	700215304	1,650,331	89,352	SH	DFND	01,08	0	89,352	0
PARK HOTELS & RESORTS INC	COM	700517105	52,029	3,690	SH	OTR	1	3,063	437	190
PARK HOTELS & RESORTS INC	COM	700517105	556,851	39,493	SH	DFND	9	39,493	0	0
PARK HOTELS & RESORTS INC	COM	700517105	5,169,864	366,657	SH	DFND	1	59,715	306,942	0
PARK HOTELS & RESORTS INC	COM	700517105	22,062,129	1,564,690	SH	DFND	01,08	4,970	1,559,720	0
PARK NATL CORP	COM	700658107	66,352	395	SH	OTR	1	395	0	0
PARK NATL CORP	COM	700658107	338,984	2,018	SH	DFND	9	2,018	0	0
PARK NATL CORP	COM	700658107	7,334,679	43,664	SH	DFND	1	2,428	41,236	0
PARK NATL CORP	COM	700658107	21,707,383	129,226	SH	DFND	01,08	20	129,206	0
PARK-OHIO HLDGS CORP	COM	700666100	179,042	5,832	SH	DFND	1	530	5,302	0
PARK-OHIO HLDGS CORP	COM	700666100	1,812,098	59,026	SH	DFND	01,08	0	59,026	0
PARKE BANCORP INC	COM	700885106	120,259	5,754	SH	DFND	1	438	5,316	0
PARKE BANCORP INC	COM	700885106	1,668,175	79,817	SH	DFND	01,08	0	79,817	0
PARKER-HANNIFIN CORP	COM	701094104	12,352,713	19,551	SH	OTR	1	18,717	783	51
PARKER-HANNIFIN CORP	COM	701094104	33,785,311	53,473	SH	DFND	9	53,473	0	0
PARKER-HANNIFIN CORP	COM	701094104	195,921,064	310,090	SH	DFND	1	178,123	131,596	371
PARKER-HANNIFIN CORP	COM	701094104	493,019,255	780,316	SH	DFND	01,08	5,975	774,341	0
PARSONS CORP DEL	COM	70202L102	4,147	40	SH	OTR	1	40	0	0
PARSONS CORP DEL	COM	70202L102	639,395	6,167	SH	DFND	9	6,167	0	0
PARSONS CORP DEL	COM	70202L102	5,443,304	52,501	SH	DFND	1	5,796	46,705	0
PARSONS CORP DEL	COM	70202L102	26,660,794	257,145	SH	DFND	01,08	0	257,145	0
PASSAGE BIO INC	COM	702712100	28,197	40,281	SH	DFND	01,08	0	40,281	0
PATRICK INDS INC	COM	703343103	142,085	998	SH	OTR	1	939	47	12
PATRICK INDS INC	COM	703343103	346,529	2,434	SH	DFND	9	2,434	0	0
PATRICK INDS INC	COM	703343103	3,811,530	26,772	SH	DFND	1	11,064	15,708	0
PATRICK INDS INC	COM	703343103	28,387,439	199,392	SH	DFND	01,08	843	198,549	0
PATTERSON COS INC	COM	703395103	177,253	8,116	SH	OTR	1	5,870	2,246	0
PATTERSON COS INC	COM	703395103	308,512	14,126	SH	DFND	9	14,126	0	0
PATTERSON COS INC	COM	703395103	8,162,088	373,722	SH	DFND	1	71,120	302,204	398
PATTERSON COS INC	COM	703395103	16,413,568	751,537	SH	DFND	01,08	979	750,558	0
PATTERSON-UTI ENERGY INC	COM	703481101	87,340	11,417	SH	OTR	1	10,954	463	0
PATTERSON-UTI ENERGY INC	COM	703481101	480,627	62,827	SH	DFND	9	62,827	0	0
PATTERSON-UTI ENERGY INC	COM	703481101	4,827,640	631,064	SH	DFND	1	187,910	443,154	0
PATTERSON-UTI ENERGY INC	COM	703481101	26,110,246	3,413,104	SH	DFND	01,08	29,936	3,383,168	0
PAVMED INC	COM	70387R403	14,398	11,706	SH	DFND	01,08	0	11,706	0
PAYCHEX INC	COM	704326107	20,952,427	156,140	SH	OTR	1	127,417	20,881	7,842
PAYCHEX INC	COM	704326107	23,086,987	172,047	SH	DFND	9	172,047	0	0
PAYCHEX INC	COM	704326107	180,189,661	1,342,795	SH	DFND	1	932,040	404,506	6,249
PAYCHEX INC	COM	704326107	327,470,298	2,440,348	SH	DFND	01,08	13,148	2,427,200	0

RXSIGHT INC	COM	78349D107	13,540,755	273,938	SH	DFND	01,08	0	273,938	0
RYANAIR HOLDINGS PLC	COM	783513203	182,075	4,030	SH	OTR	1	2,932	1,098	0
RYANAIR HOLDINGS PLC	COM	783513203	800,183	17,711	SH	DFND	01,08	0	17,711	0
RYANAIR HOLDINGS PLC	COM	783513203	1,473,320	32,610	SH	DFND	1	31,195	1,348	67
RYAN SPECIALTY HOLDINGS INC	COM	78351F107	18,788	283	SH	OTR	1	283	0	0
RYAN SPECIALTY HOLDINGS INC	COM	78351F107	1,010,721	15,224	SH	DFND	9	15,224	0	0
RYAN SPECIALTY HOLDINGS INC	COM	78351F107	10,716,740	161,421	SH	DFND	1	55,146	106,275	0
RYAN SPECIALTY HOLDINGS INC	COM	78351F107	37,363,827	562,793	SH	DFND	01,08	0	562,793	0
RYDER SYS INC	COM	783549108	125,971	864	SH	OTR	1	758	81	25
RYDER SYS INC	COM	783549108	1,087,522	7,459	SH	DFND	9	7,459	0	0
RYDER SYS INC	COM	783549108	8,640,400	59,262	SH	DFND	1	11,185	48,077	0
RYDER SYS INC	COM	783549108	41,131,492	282,109	SH	DFND	01,08	1,433	280,676	0
RYERSON HLDG CORP	COM	783754104	697	35	SH	OTR	1	35	0	0
RYERSON HLDG CORP	COM	783754104	122,845	6,170	SH	DFND	9	6,170	0	0
RYERSON HLDG CORP	COM	783754104	1,139,031	57,209	SH	DFND	1	1,143	56,066	0
RYERSON HLDG CORP	COM	783754104	4,506,927	226,365	SH	DFND	01,08	0	226,365	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	23,378	218	SH	OTR	1	139	79	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	773,308	7,211	SH	DFND	9	7,211	0	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	11,111,994	103,618	SH	DFND	1	7,819	95,799	0
RYMAN HOSPITALITY PPTYS INC	COM	78377T107	53,492,706	498,813	SH	DFND	01,08	4,391	494,422	0
S & T BANCORP INC	COM	783859101	53,722	1,280	SH	OTR	1	1,280	0	0
S & T BANCORP INC	COM	783859101	165,823	3,951	SH	DFND	9	3,951	0	0
S & T BANCORP INC	COM	783859101	1,980,061	47,178	SH	DFND	1	6,119	41,059	0
S & T BANCORP INC	COM	783859101	14,466,513	344,687	SH	DFND	01,08	2,352	342,335	0
SES AI CORPORATION	COM	78397Q109	10,736	16,781	SH	DFND	9	16,781	0	0
SES AI CORPORATION	COM	78397Q109	55,400	86,590	SH	DFND	1	7,668	78,922	0
SES AI CORPORATION	COM	78397Q109	642,439	1,004,124	SH	DFND	01,08	0	1,004,124	0
SB FINL GROUP INC	COM	78408D105	617	30	SH	DFND	1	30	0	0
SB FINL GROUP INC	COM	78408D105	58,123	2,827	SH	DFND	9	2,827	0	0
SB FINL GROUP INC	COM	78408D105	305,953	14,881	SH	DFND	01,08	0	14,881	0
S&P GLOBAL INC	COM	78409V104	27,488,317	53,208	SH	OTR	1	36,923	15,966	319
S&P GLOBAL INC	COM	78409V104	65,759,527	127,288	SH	DFND	9	127,288	0	0
S&P GLOBAL INC	COM	78409V104	321,518,457	622,350	SH	DFND	1	302,182	317,170	2,998
S&P GLOBAL INC	COM	78409V104	1,006,298,267	1,947,850	SH	DFND	01,08	11,975	1,935,875	0
SBA COMMUNICATIONS CORP NEW	COM	78410G104	3,026,080	12,572	SH	OTR	1	9,069	3,346	157
SBA COMMUNICATIONS CORP NEW	COM	78410G104	9,794,083	40,690	SH	DFND	9	40,690	0	0
SBA COMMUNICATIONS CORP NEW	COM	78410G104	64,308,541	267,173	SH	DFND	1	152,560	113,656	957
SBA COMMUNICATIONS CORP NEW	COM	78410G104	178,727,452	742,532	SH	DFND	01,08	5,894	736,638	0
SEI INVTS CO	COM	784117103	170,069	2,458	SH	OTR	1	2,458	0	0
SEI INVTS CO	COM	784117103	1,380,548	19,953	SH	DFND	9	19,953	0	0
SEI INVTS CO	COM	784117103	15,382,805	222,327	SH	DFND	1	90,590	127,837	3,900
SEI INVTS CO	COM	784117103	44,219,606	639,104	SH	DFND	01,08	1,000	638,104	0

TELADOC HEALTH INC	COM	87918A105	1,160,976	126,468	SH	DFND	1	20,671	105,797	0
TELADOC HEALTH INC	COM	87918A105	12,515,691	1,363,365	SH	DFND	01,08	8,666	1,354,699	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	3,500,405	7,998	SH	OTR	1	7,165	791	42
TELEDYNE TECHNOLOGIES INC	COM	879360105	8,178,115	18,686	SH	DFND	9	18,686	0	0
TELEDYNE TECHNOLOGIES INC	COM	879360105	56,935,189	130,090	SH	DFND	1	70,915	58,998	177
TELEDYNE TECHNOLOGIES INC	COM	879360105	132,850,818	303,548	SH	DFND	01,08	2,190	301,358	0
TELEFLEX INCORPORATED	COM	879369106	1,064,960	4,306	SH	OTR	1	4,271	1	34
TELEFLEX INCORPORATED	COM	879369106	5,040,876	20,382	SH	DFND	9	20,382	0	0
TELEFLEX INCORPORATED	COM	879369106	24,256,156	98,076	SH	DFND	1	36,274	58,719	3,083
TELEFLEX INCORPORATED	COM	879369106	68,968,397	278,863	SH	DFND	01,08	475	278,388	0
TELEFONICA BRASIL SA	COM	87936R205	142,548	13,880	SH	OTR	1	13,756	124	0
TELEFONICA BRASIL SA	COM	87936R205	190,180	18,518	SH	DFND	01,08	0	18,518	0
TELEFONICA BRASIL SA	COM	87936R205	1,462,571	142,412	SH	DFND	1	132,464	9,890	58
TELEFONICA S A	COM	879382208	935,574	192,505	SH	OTR	1	187,700	4,805	0
TELEFONICA S A	COM	879382208	2,157,709	443,973	SH	DFND	01,08	0	443,973	0
TELEFONICA S A	COM	879382208	10,373,811	2,134,529	SH	DFND	1	2,058,787	71,673	4,069
TELEPHONE & DATA SYS INC	COM	879433829	76,865	3,306	SH	OTR	1	3,306	0	0
TELEPHONE & DATA SYS INC	COM	879433829	672,623	28,930	SH	DFND	9	28,930	0	0
TELEPHONE & DATA SYS INC	COM	879433829	2,263,969	97,375	SH	DFND	1	25,178	72,197	0
TELEPHONE & DATA SYS INC	COM	879433829	21,702,922	933,459	SH	DFND	01,08	6,983	926,476	0
TELLURIAN INC NEW	COM	87968A104	537	555	SH	OTR	1	555	0	0
TELLURIAN INC NEW	COM	87968A104	25,609	26,456	SH	DFND	1	26,456	0	0
TELLURIAN INC NEW	COM	87968A104	72,730	75,134	SH	DFND	9	75,134	0	0
TELLURIAN INC NEW	COM	87968A104	1,998,592	2,064,661	SH	DFND	01,08	0	2,064,661	0
TELOS CORP MD	COM	87969B101	26,028	7,250	SH	OTR	1	7,250	0	0
TELOS CORP MD	COM	87969B101	110,256	30,712	SH	DFND	1	3,241	27,471	0
TELOS CORP MD	COM	87969B101	1,435,462	399,850	SH	DFND	01,08	0	399,850	0
TELUS CORPORATION	COM	87971M103	721,490	42,997	SH	OTR	1	39,965	3,032	0
TELUS CORPORATION	COM	87971M103	1,360,522	81,080	SH	DFND	01,08	0	81,080	0
TELUS CORPORATION	COM	87971M103	7,135,091	425,214	SH	DFND	1	406,330	18,124	760
TELOMIR PHARMACEUTICALS INC	COM	87975F104	16,743	2,608	SH	DFND	1	169	2,439	0
TELOMIR PHARMACEUTICALS INC	COM	87975F104	295,782	46,072	SH	DFND	01,08	0	46,072	0
TEMPEST THERAPEUTICS INC	COM	87978U108	28,496	20,354	SH	DFND	01,08	0	20,354	0
TENAYA THERAPEUTICS INC	COM	87990A106	78,756	40,806	SH	DFND	1	4,632	36,174	0
TENAYA THERAPEUTICS INC	COM	87990A106	779,799	404,041	SH	DFND	01,08	1,227	402,814	0
TEMPUR SEALY INTL INC	COM	88023U101	144,581	2,648	SH	OTR	1	2,404	72	172
TEMPUR SEALY INTL INC	COM	88023U101	1,484,519	27,189	SH	DFND	9	27,189	0	0
TEMPUR SEALY INTL INC	COM	88023U101	10,992,946	201,336	SH	DFND	1	35,022	166,314	0
TEMPUR SEALY INTL INC	COM	88023U101	53,191,429	974,202	SH	DFND	01,08	14,305	959,897	0
TENABLE HLDGS INC	COM	88025T102	56,120	1,385	SH	OTR	1	1,385	0	0

THIRD COAST BANCSHARES INC	COM	88422P109	59,429	2,220	SH	DFND	9	2,220	0	0
THIRD COAST BANCSHARES INC	COM	88422P109	218,898	8,177	SH	DFND	1	580	7,597	0
THIRD COAST BANCSHARES INC	COM	88422P109	2,395,621	89,489	SH	DFND	01,08	0	89,489	0
THIRD HARMONIC BIO INC	COM	88427A107	412,110	30,414	SH	DFND	1	1,172	29,242	0
THIRD HARMONIC BIO INC	COM	88427A107	2,181,862	161,023	SH	DFND	01,08	0	161,023	0
THOMSON REUTERS CORP.	COM	884903808	2,183,339	12,798	SH	OTR	1	12,286	512	0
THOMSON REUTERS CORP.	COM	884903808	2,241,002	13,136	SH	DFND	01,08	0	13,136	0
THOMSON REUTERS CORP.	COM	884903808	18,477,004	108,306	SH	DFND	1	105,569	2,591	146
THOR INDS INC	COM	885160101	730,659	6,649	SH	OTR	1	4,607	1,994	48
THOR INDS INC	COM	885160101	1,012,087	9,210	SH	DFND	9	9,210	0	0
THOR INDS INC	COM	885160101	9,945,594	90,505	SH	DFND	1	39,613	50,892	0
THOR INDS INC	COM	885160101	33,026,231	300,539	SH	DFND	01,08	1,627	298,912	0
THOUGHTWORKS HOLDING INC	COM	88546E105	4,654	1,053	SH	OTR	1	1,053	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	68,011	15,387	SH	DFND	9	15,387	0	0
THOUGHTWORKS HOLDING INC	COM	88546E105	329,370	74,518	SH	DFND	1	10,393	64,125	0
THOUGHTWORKS HOLDING INC	COM	88546E105	3,507,429	793,536	SH	DFND	01,08	13,224	780,312	0
3-D SYS CORP DEL	COM	88554D205	312	110	SH	OTR	1	110	0	0
3-D SYS CORP DEL	COM	88554D205	185,509	65,320	SH	DFND	9	65,320	0	0
3-D SYS CORP DEL	COM	88554D205	232,775	81,963	SH	DFND	1	14,429	67,534	0
3-D SYS CORP DEL	COM	88554D205	3,088,227	1,087,404	SH	DFND	01,08	4,950	1,082,454	0
THREDUP INC	COM	88556E102	9,542	11,333	SH	DFND	9	11,333	0	0
THREDUP INC	COM	88556E102	37,660	44,727	SH	DFND	1	2,869	41,858	0
THREDUP INC	COM	88556E102	499,569	593,312	SH	DFND	01,08	0	593,312	0
QIFU TECHNOLOGY INC	COM	88557W101	6,022	202	SH	OTR	1	202	0	0
QIFU TECHNOLOGY INC	COM	88557W101	903,243	30,300	SH	DFND	1	10,396	19,904	0
QIFU TECHNOLOGY INC	COM	88557W101	1,826,310	61,265	SH	DFND	9	61,265	0	0
QIFU TECHNOLOGY INC	COM	88557W101	7,147,007	239,752	SH	DFND	01,08	104,370	135,382	0
3M CO	COM	88579Y101	32,203,376	235,577	SH	DFND	9	235,577	0	0
3M CO	COM	88579Y101	35,018,029	256,167	SH	OTR	1	200,445	44,097	11,625
3M CO	COM	88579Y101	215,733,925	1,578,156	SH	DFND	1	907,728	663,638	6,790
3M CO	COM	88579Y101	536,462,883	3,924,381	SH	DFND	01,08	50,637	3,873,744	0
3M CO	COM	88579Y101	479,544	3,508	SH	DFND	01,08	0	3,508	0
374WATER INC	COM	88583P104	55,443	40,767	SH	DFND	1	3,495	37,272	0
374WATER INC	COM	88583P104	603,588	443,815	SH	DFND	01,08	0	443,815	0
THRYV HLDGS INC	COM	886029206	4,997	290	SH	OTR	1	290	0	0
THRYV HLDGS INC	COM	886029206	317,652	18,436	SH	DFND	9	18,436	0	0
THRYV HLDGS INC	COM	886029206	545,622	31,667	SH	DFND	1	1,915	29,752	0
THRYV HLDGS INC	COM	886029206	5,077,543	294,692	SH	DFND	01,08	0	294,692	0
TIDEWATER INC NEW	COM	88642R109	19,958	278	SH	OTR	1	278	0	0
TIDEWATER INC NEW	COM	88642R109	122,904	1,712	SH	DFND	9	1,712	0	0
TIDEWATER INC NEW	COM	88642R109	3,063,208	42,669	SH	DFND	1	5,614	37,055	0
TIDEWATER INC NEW	COM	88642R109	30,283,319	421,832	SH	DFND	01,08	3,476	418,356	0

UBER TECHNOLOGIES INC	COM	90353T100	249,995,463	3,326,177	SH	DFND	1	1,201,908	2,121,055	3,214
UBER TECHNOLOGIES INC	COM	90353T100	954,767,401	12,703,132	SH	DFND	01,08	38,561	12,664,571	0
UBIQUITI INC	COM	90353W103	9,756	44	SH	DFND	9	44	0	0
UBIQUITI INC	COM	90353W103	13,968	63	SH	OTR	1	63	0	0
UBIQUITI INC	COM	90353W103	285,575	1,288	SH	DFND	1	643	645	0
UBIQUITI INC	COM	90353W103	3,353,737	15,126	SH	DFND	01,08	20	15,106	0
USCB FINANCIAL HOLDINGS INC	COM	90355N101	140,041	9,183	SH	DFND	1	570	8,613	0
USCB FINANCIAL HOLDINGS INC	COM	90355N101	1,146,068	75,152	SH	DFND	01,08	0	75,152	0
UIPATH INC	COM	90364P105	37,478	2,928	SH	OTR	1	1,993	597	338
UIPATH INC	COM	90364P105	898,458	70,192	SH	DFND	9	70,192	0	0
UIPATH INC	COM	90364P105	2,297,702	179,508	SH	DFND	1	70,674	108,834	0
UIPATH INC	COM	90364P105	23,581,082	1,842,272	SH	DFND	01,08	3,824	1,838,448	0
UL SOLUTIONS INC	COM	903731107	41,412	840	SH	DFND	1	840	0	0
UL SOLUTIONS INC	COM	903731107	86,374	1,752	SH	DFND	9	1,752	0	0
UL SOLUTIONS INC	COM	903731107	6,625,723	134,396	SH	DFND	01,08	0	134,396	0
ULTA BEAUTY INC	COM	90384S303	1,444,803	3,713	SH	OTR	1	3,471	146	96
ULTA BEAUTY INC	COM	90384S303	9,945,907	25,560	SH	DFND	9	25,560	0	0
ULTA BEAUTY INC	COM	90384S303	59,142,349	151,990	SH	DFND	1	74,956	76,539	495
ULTA BEAUTY INC	COM	90384S303	120,194,499	308,888	SH	DFND	01,08	2,251	306,637	0
ULTRA CLEAN HLDGS INC	COM	90385V107	130,411	3,266	SH	OTR	1	3,266	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	197,174	4,938	SH	DFND	9	4,938	0	0
ULTRA CLEAN HLDGS INC	COM	90385V107	1,913,965	47,933	SH	DFND	1	7,694	40,239	0
ULTRA CLEAN HLDGS INC	COM	90385V107	16,788,289	420,443	SH	DFND	01,08	1,932	418,511	0
ULTRALIFE CORP	COM	903899102	66,670	7,375	SH	DFND	1	357	7,018	0
ULTRALIFE CORP	COM	903899102	666,917	73,774	SH	DFND	01,08	0	73,774	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	437,678	7,879	SH	DFND	9	7,879	0	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	980,735	17,655	SH	OTR	1	17,464	131	60
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	5,223,700	94,036	SH	DFND	1	73,102	20,934	0
ULTRAGENYX PHARMACEUTICAL IN	COM	90400D108	19,651,035	353,754	SH	DFND	01,08	686	353,068	0
ULTRAPAR PARTICIPACOE SA	COM	90400P101	4,454	1,148	SH	OTR	1	1,148	0	0
ULTRAPAR PARTICIPACOE SA	COM	90400P101	295,807	76,239	SH	DFND	1	61,522	14,717	0
UNDER ARMOUR INC	COM	904311107	7,181	806	SH	OTR	1	627	0	179
UNDER ARMOUR INC	COM	904311107	335,408	37,644	SH	DFND	9	37,644	0	0
UNDER ARMOUR INC	COM	904311107	2,217,539	248,882	SH	DFND	1	39,082	209,800	0
UNDER ARMOUR INC	COM	904311107	10,400,937	1,167,333	SH	DFND	01,08	5,231	1,162,102	0
UNDER ARMOUR INC	COM	904311206	7,858	940	SH	OTR	1	772	0	168
UNDER ARMOUR INC	COM	904311206	63,494	7,595	SH	DFND	9	7,595	0	0
UNDER ARMOUR INC	COM	904311206	1,647,990	197,128	SH	DFND	1	31,835	165,293	0
UNDER ARMOUR INC	COM	904311206	6,620,811	791,963	SH	DFND	01,08	757	791,206	0
UNICYCIVE THERAPEUTICS INC	COM	90466Y103	9,789	23,998	SH	DFND	01,08	0	23,998	0
UNIFI INC	COM	904677200	6,892	939	SH	OTR	1	939	0	0