Form 604

Corporations Act 2001 Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme

INFIGEN ENERGY

ACN/ARSN

Comprising Infigen Energy Limited (ABN 39 105 051 616), Infigen Energy (Bermuda) Limited (ARBN 116 360 715) and Infigen Energy Trust (ARSN 116 244 118), with Infigen Energy RE Limited (ABN 61 113 813 997) (AFSL 290 710) as

responsible entity of the Trust ("IFN").

1. Details of substantial holder (1)

Milsubishi UFJ Financial Group, Inc.

ACN/ARSN (if applicable)

Not Applicable

There was a change in the interests of the

substantial holder on

23 October 2017

The previous notice was given to the company on

8 August 2017

The previous notice was dated

8 August 2017

The holder became aware on

25 October 2017

Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
Class of securities (4)	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Stapled Securities	54,443,427	5.73%	67,561,302	7.08%
		Based on 950,259,556 Stapled Securities		Based on 954,060,175 Stapled Securities

Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of Securities affected	Person's votes affected
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,596.00	8,245 Stapled Securities	8,245
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitiy controlled by Morgan Stanley	7,036.80	8,796 Stapted Securities	8,796
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	39,125.60	48,907 Stapled Securities	48,907
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,517.87	4,453 Stapled Securities	4,453
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	14,406.40	18,008 Stapled Securities	18,008

1		Purchase of securities by an			I
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	entitiy controlled by Morgan Stanley	1,501.71	1,913 Stapled Securities	1,913
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	2,449.20	3,120 Stapled Securities	3,120
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	668.82	852 Stapled Securities	852
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	196.09	249 Stapled Securities	249
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	42,289.87	52,534 Stapled Securities	52,534
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	347.60	440 Stapled Securities	440
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	259.12	328 Stapled Securities	328
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	749.68	955 Stapled Securities	955
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,136.02	1,438 Stapled Securities	1,438
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,859.55	2,310 Stapled Securities	2,310
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	339.74	426 Stapled Securities	426
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,536.80	19,421 Stapled Securities	19,421
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,250.40	10,313 Stapled Securities	10,313
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,650.30	7,019 Stapled Securities	7,019
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	196.00	-245 Stapled Securities	-245
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,360.25	-1,711 Stapled Securities	-1,711
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,745.03	-2,195 Stapled Securities	-2,195
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	235.63	-290 Stapled Securities	-290
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by	3,987.72	-5,016 Stapled Securities	-5,016

		Morgan Stanley			
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,020.38	-1,252 Stapled Securities	-1,252
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	17,543.20	-21,929 Stapled Securities	-21,929
98/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,598.97	-4,527 Stapled Securities	-4,527
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,112.21	-1,399 Stapled Securities	-1,399
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	74.98	-92 Stapled Securities	-92
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	412.00	-515 Stapled Securities	-515
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	364.31	-447 Stapled Securities	-447
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	146.40	-183 Stapled Securities	-183
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	240.08	-291 Stapled Securities	-291
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	851.02	-1,041 Stapled Securities	-1,041
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	491.56	-605 Stapled Securities	-605
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,155.69	-5,099 Stapled Securities	-5,099
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	17,221.29	-21,662 Stapled Securities	-21,662
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	368.55	-455 Stapled Securities	-455
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,131.23	-2,615 Stapled Securities	-2,615
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	325.54	-397 Stapled Securities	-397
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	172.80	-216 Stapled Securities	-216
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	699.84	-864 Stapled Securities	-864
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,226.58	-1,505 Stapled Securities	-1,505
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	168.25	-209 Stapled Securities	-209
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	74.98	-92 Stapled Securities	-92
8/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	465.74	-584 Stapled Securities	-584
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	336.96	-416 Stapled Securities	-416

08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	87.73	-110 Stapled Securities	-110
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	162.19	-199 Stapled Securities	-199
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,484.27	-1,867 Stapled Securities	-1,867
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,029.23	-1,259 Stapled Securities	-1,259
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	678.44	-835 Stapled Securities	-835
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	140.61	-172 Stapled Securities	-172
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,862.69	-2,343 Stapled Securities	-2,343
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,071.20	-1,339 Stapled Securities	-1,339
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	162.81	-201 Stapled Securities	-201
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,853.94	-2,332 Stapled Securities	-2,332
08/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,872.75	-13,300 Stapled Securities	-13,300
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	932.31	1,151 Stapled Securities	1,151
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,148.47	3,887 Stapled Securities	3,887
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,289.65	7,765 Stapled Securities	7,765
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,771.01	4,627 Stapled Securities	4,627
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,151.18	2,664 Stapled Securities	2,664
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	6,043.41	7,461 Stapled Securities	7,461
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	245.53	305 Stapled Securities	305
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	29,605.50	36,550 Stapled Securities	36,550
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	271.10	-341 Stapled Securities	-341
08/07/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	8,429.30	-10,670 Stapled Securities	-10,670

		Morgan Stanley		· · · · · · · · · · · · · · · · · · ·	1
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	150.54	-193 Stapled Securities	-193
08/07/2017	Mitsubishi UFJ Financial Group, inc.	Sale of securities by an entity controlled by Morgan Stanley	708.86	-903 Stapled Securities	-903
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	160.14	-204 Stapled Securities	-204
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	941.28	-1,184 Stapled Securities	-1,184
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,147.39	-1,457 Stapled Securities	-1,457
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,238.72	-1,568 Stapled Securities	-1,568
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	323.20	-404 Stapled Securities	-404
08/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	25,529.64	-32,316 Stapled Securities	-32,316
08/07/2017	Mitsubishi UFJ Financial Group, inc.	Sale of securities by an entity controlled by Morgan Stanley	1,475.72	-1,868 Stapled Securities	-1,868
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12.30	15 Stapled Securities	15
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	262.42	327 Stapled Securities	327
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	313,15	389 Stapled Securities	389
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	24.45	30 Stapled Securities	30
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan	57.40	70 Stapled Securities	70
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	10,376.33	12,930 Stapled Securities	12,930
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	105.78	129 Stapled Securities	129
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	78,432.76	97,432 Stapled Securities	97;432
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,062.65	6,289 Stapled Securities	6,289
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	510.39	636 Stapled Securities	636
08/08/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an	141.04	172 Stapled Securities	172

!		entitiy controlled by Morgan Stanley			
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,139.20	1,424 Stapled Securities	1,424
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	70.69	87 Stapled Securities	87
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	50,711.78	62,996 Stapled Securities	62,996
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	27.37	34 Stapled Securities	34
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,452.65	4,289 Stapled Securities	4,289
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	328.44	408 Stapled Securities	408
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,317.71	1,642 Stapled Securities	1,642
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,108.17	20,085 Stapled Securities	20,085
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	35,981.34	-45,546 Stapled Securities	-45,546
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entily controlled by Morgan Stanley	125.60	-160 Stapled Securities	-160
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	196.09	-249 Stapled Securities	-249
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	606.72	-768 Stapled Securities	-768
08/08/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	14,663.20	-18,329 Stapled Securities	-18,329
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	348.39	-441 Stapled Securities	-441
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,845.60	-2,307 Stapled Securilies	-2,307
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	231.35	-291 Stapled Securities	-291
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	927.46	-1,174 Stapled Securities	-1,174
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	170.66	-212 Stapled Securities	-212
08/08/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	170.13	-214 Stapled Securities	-214
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	339.74	-426 Stapled Securities	-426

08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	14,182.40	-17,728 Stapled Securities	-17,728
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	749.68	-955 Stapled Securities	-955
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	548.72	-699 Stapled Securities	-699
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,859.55	-2,310 Stapled Securities	-2,310
08/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	14,406.40	-18,008 Stapled Securities	-18,008
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	198.75	250 Stapled Securities	250
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	713.60	892 Stapled Securities	892
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	35.89	45 Stapled Securities	45
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	9,209.60	11,512 Stapled Securities	11,512
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	253.58	315 Stapled Securities	315
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	720.80	901 Stapled Securities	901
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	77.12	97 Stapled Securities	. 97
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,959.20	7,449 Stapled Securities	7,449
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	422.40	528 Stapled Securities	528
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	263.18	330 Stapled Securities	330
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	488.72	609 Stapled Securities	609
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	964.80	1,206 Stapled Securities	1,206
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,629.60	5,787 Stapled Securities	5,787
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	22,590.40	26,238 Stapled Securities	28,238

		Stanley Purchase of	<u> </u>	·	
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitiy controlled by Morgan Stanley	1,267.20	1,584 Stapled Securities	1,584
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	140.00	175 Stapled Securities	175
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	29,695.20	37,119 Stapled Securities	37,119
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	990.15	1,230 Stapled Securities	1,230
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,155.14	1,453 Stapled Securities	1,453
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,782.61	4,758 Stapled Securities	4,758
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	96.30	120 Stapled Securities	120
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,684.00	3,355 Stapled Securities	3,355
08/09/2017	Mitsubishi UFJ Financiat Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,763.64	5,992 Stapled Securities	5,992
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,844.94	2,328 Stapled Securities	2,328
08/09/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	71.33	90 Stapled Securities	90
08/09/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,044.45	11,341 Stapled Securities	11,341
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	149.73	-186 Stapled Securities	-186
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	135.66	-168 Stapled Securities	-16B
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	217.75	-268 Stapled Securities	-268
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,225.44	-12,624 Stapled Securities	-12,624
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	5,614.92	-6,932 Stapled Securities	-6,932
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	14,959.33	-18,355 Stapled Securities	-18,355
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	81.05	-101 Stapled Securities	-101

08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	134.06	-165 Stapled Securities	-165
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity controlled by	273.78	-338 Stapled Securities	-338
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity controlled by Morgan Stanley	90.12	-113 Stapled Securities	-113
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	30,302.10	-37,410 Stapled Securities	-37,410
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	161.69	-199 Stapled Securities	-199
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	5,896.53	-7,235 Stapled Securities	-7,235
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	418.77	-517 Stapled Securities	-517
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	698.46	-857 Stapled Securities	-857
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	245.53	-305 Stapled Securities	-305
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	428.49	-529 Stapled Securities	-529
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	125.58	-156 Stapled Securities	-156
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,865.76	-2,300 Stapled Securities	-2,300
08/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,165,100.37	-1,429,571 Stapled Securities	-1,429,571
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	250.42	314 Stapled Securities	314
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,172.33	1,470 Stapled Securities	1,470
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	369.50	459 Stapled Securities	459
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,385.60	1,732 Stapled Securities	1,732
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,957.16	12,604 Stapled Securities	12,604
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	634.34	788 Stapled Securities	788
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	698.81	879 Stapled Securities	879
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	424.00	530 Stapled Securities	530

08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	7,199.27	9,113 Stapled Securities	9,113
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,872.00	3,590 Stapled Securities	3,590
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	225.86	285 Stapled Securities	285
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,704.34	4,616 Stapled Securities	4,616
08/10/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitly controlled by Morgan Stanley	5,694.41	7,231 Stapled Securities	7,231
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	394.21	499 Stapled Securities	499
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	221.60	277 Stapled Securities	277
08/10/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,901.15	3,684 Stapled Securities	3,684
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	596.25	750 Stapled Securities	750
08/10/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	60,289.64	76,316 Stapled Securities	76,316
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,042.36	2,569 Stapled Securities	2,569
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	60.42	76 Stapled Securities	76
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,402.40	1,753 Stapled Securities	1,753
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	700.57	884 Stapled Securities	884
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	720.56	915 Stapled Securities	915
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	87.20	109 Stapled Securities	109
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,814.12	4,828 Stapled Securities	4,828
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	2,886,66	3,645 Stapled Securities	3,645

		securities by an entitly controlled by Morgan Stanley			
08/10/2017	Mitsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,034.55	5,059 Stapled Securities	5,059
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	4,458.40	5,573 Stapled Securities	5,573
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	388.76	489 Stapled Securities	489
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	981.18	1,242 Stapled Securities	1,242
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	570.75	709 Stapled Securities	709
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	79.50	100 Stapled Securities	100
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,593.74	8,373 Stapled Securities	8,373
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	285.60	357 Stapled Securities	357
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,983.18	5,042 Stapled Securities	5,042
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,896.84	9,996 Stapled Securities	9,996
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,331.26	2,905 Stapled Securities	2,905
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	798.69	1,011 Stapled Securities	1,011
08/10/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,381.60	1,727 Stapled Securities	1,727
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	195.01	243 Stapled Securities	243
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,659.20	2,074 Stapled Securities	2,074
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	334.17	423 Stapled Securities	423
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	18,248.55	-22,669 Stapled Securities	-22,669

08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,715.88	-4,616 Stapled Securities	-4,616
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	18,705.90	-23,000 Stapled Securities	-23,000
08/10/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	40,788.55	-50,669 Stapled Securities	-50,669
08/10/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	16,108.17	-20,085 Stapled Securities	-20,085
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	728.38	922 Stapled Securities	922
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,744.65	12,335 Stapled Securities	12,335
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	69.08	88 Stapled Securities	88
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	492.18	631 Stapled Securities	631
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	70.53	91 Stapled Securities	91
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	621.55	802 Stapled Securities	802
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,194.18	1,531 Stapled Securities	1,531
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	850.94	1,084 Stapled Securities	1,084
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	659.14	837 Stapled Securities	837
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,904.25	4,911 Stapled Securities	4,911
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,529.35	8,265 Stapled Securities	B,265
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	431.34	546 Stapled Securities	546
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	888.62	1,132 Stapled Securities	1,132
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35.09	44 Stapled Securities	44
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	1,027.00	1,300 Stapled Securities	1,300

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08/11/2017	Mitsubishi UFJ Financial Group, Iпс.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	437.03	548 Stapled Securities	548
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	450.30	570 Stapled Securities	570
08/11/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	84.00	107 Stapled Securities	107
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,864.00	9,830 Stapled Securities	9,830
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	596.93	758 Stapled Securities	758
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	373.23	468 Stapled Securities	46B
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	4,116.69	5,211 Stapled Securities	5,211
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securilies by an entitiy controlled by Morgan Stanley	612.95	771 Stapled Securities	771
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,531,50	5,700 Stapled Securities	5,700
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	827.39	1,054 Stapled Securities	1,054
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,168.80	2,711 Stapled Securities	2,711
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	58.88	75 Stapled Securities	75
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	38.59	49 Stapled Securities	49
08/11/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,822.07	12,433 Stapled Securities	12,433
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	720.63	918 Stapled Securities	918
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,233.47	4,093 Stapled Securities	4,093
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,663.46	2,099 Stapled Securities	2,099

08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	48.34	61 Stapled Securities	61
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	794.40	993 Stapled Securities	993
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	965.48	1,226 Stapled Securilies	1,226
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	116.07	148 Stapled Securities	146
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	376.83	474 Stapled Securities	474
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	70.88	90 Stapled Securities	90
08/11/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	368.51	465 Stapled Securities	465
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,040.00	1,300 Stapled Securities	1,300
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,064.80	-7,581 Stapled Securities	-7,581
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	11,920.80	-14,901 Stapled Securities	-14,901
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,998.40	-2,498 Stapled Securities	-2,498
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,867.20	-7,334 Stapled Securities	-7,334
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	796.80	-996 Stapled Securities	-996
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	401.85	-500 Stapled Securities	-500
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	316.80	-396 Stapled Securities	-396
08/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	2,480.80	-3,101 Stapled Securities	-3,101
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	0.81	1 Stapled Securities	1
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	252.79	315 Stapled Securities	315
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	113.60	142 Stapled Securities	142
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled	99.02	123 Stapled Securities	123

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08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entity controlled by Morgan Stanley	866,88	1,087 Stapled Securities	1,087
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,619.28	4,510 Stapled Securities	4,510
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	: 11,982.43	14,885 Stapled Securities	14,885
08/14/2017	Mitsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	123.55	153 Stapled Securities	153
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12.60	16 Stapled Securities	16
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	354.78	438 Stapled Securities	438
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,594.71	1,981 Stapled Securities	1,981
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	59.13	73 Stapled Securities	73
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitiy controlled by Morgan Stanley	0.80	1 Stapled Securities	1
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,155.18	1,435 Stapled Securities	1,435
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	499.20	624 Stapled Securities	624
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	133.60	167 Stapled Securities	167
08/14/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,078.05	8,820 Stapled Securities	8,820
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	126.01	158 Stapled Securities	158
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	686.14	855 Stapled Securities	855
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,585.47	4,454 Stapled Securities	4,454
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	335.69	417 Stapled Securities	417

08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entifiy controlled by Morgan Stanley	7,148.40	8,880 Stapled Securities	8,880
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	449.19	558 Stapled Securities	558
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	295.20	369 Stapled Securities	369
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	789.75	975 Stapled Securities	975
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,333.60	1,667 Stapled Securities	1,667
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	728.80	911 Stapled Securities	911
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,026.40	-7,533 Stapled Securities	-7,533
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,694.40	-2,118 Stapled Securities	-2,118
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	634.34	-788 Stapled Securities	-788 `
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,674.60	-12,200 Stapled Securities	-12,200
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	36,452.80	-45,566 Stapled Securities	-45,566
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,353.82	-2,924 Stapled Securities	-2,924
08/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	547.76	-689 Stapled Securities	-689
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,147.20	1,434 Stapled Securities	1,434
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	961.98	1,195 Stapled Securilies	1,195
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	831.00	1,042 Stapled Securities	1,042
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	793.60	992 Stapled Securities	992
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	343.20	429 Stapled Securities	429
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,753.53	5,905 Stapled Securities	5,905
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	9.72	12 Stapled Securities	12

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08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	124.41	156 Stapled Securities	156
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,792.53	2,213 Stapled Securities	2,213
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,102.76	2,596 Stapled Securities	2,596
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	395.20	494 Stapled Securities	494
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	734.97	913 Stapled Securities	913
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,161.16	1,456 Stapled Securities	1,456
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,177.74	1,454 Stapled Securities	1,454
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,146.48	11,505 Stapled Securities	11,505
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,288.83	2,870 Stapled Securities	2,870
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	182.17	227 Stapled Securities	227
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	364.50	450 Stapled Securities	450
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	19.38	24 Stapled Securities	24
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,186.81	5,201 Stapled Securities	5,201
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	438.17	546 Stapled Securities	546
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,700.34	3,386 Stapled Securities	3,386
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6.44	8 Stapled Securities	8
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	1,732.17	2,172 Stapled Securities	2,172

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08/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	1,071.46	1,331 Stapled Securities	1,331
08/15/2017,	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,549.60	1,937 Stapled Securities	1,937
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,098.20	1,360 Stapled Securities	1360
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	585.02	729 Stapled Securities	729
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,113.54	1,379 Stapled Securities	1,379
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,254.62	2,836 Stapled Securities	2,836
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	418.91	522 Stapled Securities	522
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,129.89	12,742 Stapled Securities	12,742
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	38.52	48 Stapled Securities	48
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	915.30	1,130 Stapled Securities	1,130
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	22,925.79	28,600 Stapled Securities	28,600
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stantey	35.09	-44 Stapled Securities	-44
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	7,630.20	-9,720 Stapled Securities	-9,720
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	1,102.05	-1,395 Stapled Securities	-1,395
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	18,260.80	-22,826 Stapled Securities	-22,826
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	3,817.28	-4,832 Stapled Securities	-4,832
08/15/2017	Milsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	465.31	-589 Stapled Securities	-589
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	7,912.80	-10,080 Stapled Securities	-10,080
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	83.74	-106 Stapled Securities	-106
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities	1,480.80	-1,851 Stapled Securities	- 1,8 51

		by an entity controlled by			
		Morgan Stanley			
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	0.79	-1 Stapled Securities	-1
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	38.59	-49 Stapled Securities	-49
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	47,043.20	-58,804 Stapled Securities	-58,804
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	581.10	-745 Stapled Securities	-745
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	451.09	-571 Stapled Securities	-571
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,007.67	-5,073 Stapled Securities	-5,073
08/15/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	920.02	-1,172 Stapled Securities	-1,172
08/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	30,764.20	-38,600 Stapled Securities	-38,600
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,885.92	11,248 Stapled Securities	11,248
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9.48	12 Stapled Securities	12
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	1,621.01	2,039 Stapled Securities	2,039
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	881.15	1,098 Stapled Securities	1,098
0B/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,376.15	1,731 Stapled Securities	1,731
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	640.78	796 Stapled Securities	796
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	586.18	742 Stapled Securities	742
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	24.65	31 Stapled Securities	31
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	239.20	299 Stapled Securities	299
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,792.42	8,598 Stapled Securities	8,598
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	4,703.72	5,992 Stapled Securilies	5,992

08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan	168.80	211 Stapled Securities	211
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entity controlled by Morgan Stanley	236.80	296 Stapled Securities	296
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,223.53	14,207 Stapled Securities	14,207
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18,558,62	23,126 Stapled Securities	23,126
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	162.74	206 Stapled Securities	206
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,660.40	2,082 Stapled Securities	2,082
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,183.76	1,489 Stapled Securities	1,489
08/16/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	106.76	136 Stapled Securities	136
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	115.34	146 Stapled Securities	146
08/16/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	634.41	798 Stapled Securities	798
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,538.46	12,074 Stapled Securities	12074
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4.80	6 Stapled Securities	6
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	249.60	312 Stapled Securities	312
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	88.20	112 Stapled Securities	112
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,388.00	1,735 Stapled Securilies	1,735
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,018.36	2,563 Stapled Securities	2,563
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,628.56	3,296 Stapled Securities	3,296
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	55,300.00	70,000 Stapled Securities	70,000

		by Morgan Stanley			1
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	271.35	-335 Stapled Securities	-335
08/16/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	1,137.60	-1,422 Stapled Securities	-1,422
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	434,70	-540 Stapled Securities	-540
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	837.60	-1,047 Stapled Securities	-1,047
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	328.57	-412 Stapled Securities	-412
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,306.22	-5,366 Stapled Securities	-5,366
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,503.36	-4,352 Stapled Securities	-4,352
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	650.40	-813 Stapled Securities	-813
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	593.87	-747 Stapled Securities	-747
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	992.89	-1,245 Stapled Securities	-1,245
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,870.91	-12,262 Stapled Securities	-12,262
08/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,794.56	-7,200 Stapled Securities	-7,200
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	152.47	193 Stapled Securities	193
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	396.71	499 Stapled Securities	499
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,145.60	1,441 Stapled Securities	1,441
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	627.26	789 Stapled Securities	789
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,647.36	7,126 Stapled Securities	7,126
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,090.36	15,208 Stapled Securities	15,208
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,756.97	2,217 Stapled Securities	2,217
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35,369.55	44,490 Stapled Securities	44,490

08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	99.38	125 Stapled Securities	125
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	9,670.38	12,164 Stapled Securities	12,164
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	643.16	809 Stapled Securities	809
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,220.33 }	7,849 Stapled Securities	7,849
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	63.99	81 Stapled Securities	81
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3.98	5 Stapled Securities	5
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,666.38	7,150 Stapled Securities	7,150
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,163.75	9,011 Stapled Securities	9,011
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	17,318.28	21,784 Stapled Securities	21,784
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	87.45	110 Stapled Securities	110
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,551.84	1,952 Stapled Securities	1952
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	34.67	44 Stapled Securities	44
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	679.17	857 Stapled Securities	857
08/17/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	59.63	75 Stapled Securities	3/15/1900
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,629.91	3,329 Stapled Securities	3,329
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35.78	45 Stapled Securities	45
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	73.01	93 Stapled Securities	93
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	175,94	222 Stapled Securities	222

		by Morgan Stanley			
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	455.04	576 Stapled Securities	576
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	803.75	1,011 Stapled Securities	1,011
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,286.31	1,618 Stapled Securities	1618
08/17/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	319.20	-399 Stapled Securities	-399
08/17/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	55.65	-70 Stapled Securities	-70
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,799.60	-4,720 Stapled Securities	-4,720
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securilies by an entity controlled by Morgan Stanley	24.00	-30 Stapled Securities	-30
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	70.76	-89 Stapled Securities	-89
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	66.99	-84 Stapled Securities	-84
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,980.80	-3,726 Stapled Securities	-3,726
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8.83	-11 Stapled Securities	-11
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,776.91	-12,298 Stapled Securities	-12,298
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	18.52	-23 Stapled Securities	-23
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,922.17	-6,172 Stapled Securities	-6,172
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,102.76	-2,596 Stapled Securities	-2,596
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12.88	-16 Stapled Securilies	-16
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4.05	-5 Stapled Securities	-5
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	19.38	-24 Stapled Securities	-24
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	728.53	-905 Stapled Securities	-905
08/17/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	38.52	-48 Stapled Securities	-48
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,198.97	-2,766 Stapled Securities	-2,766
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	14.40	-18 Stapled Securities	-18

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08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,452.47	-1,827 Stapled Securities	-1,827
08/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,134.00	-1,400 Stapled Securities	-1,400
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,106.00	1,400 Stapled Securities	1,400
8/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,287.70	1,630 Stapled Securities	1,630
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	6,454.30	8,170 Stapled Securities	8,170
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	306.15	390 Stapled Securities	390
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,761.89	4,777 Stapled Securities	4,777
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	768.52	979 Stapled Securities	979
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of secunities by an entitiy controlled by Morgan Stanley	897,26	1,143 Stapled Securities	1,143
08/1 8/ 2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	408.20	520 Stapled Securities	520
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,332.08	2,952 Stapled Securities	2,952
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	201.75	257 Stapled Securities	257
08/18/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,277.29	2,901 Stapled Securities	2,901
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	30,710.46	38,874 Stapled Securities	38,874
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	10,716.35	13,565 Stapled Securities	13,565
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,251.13	6,647 Stapled Securities	6,647
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,047.21	7,679 Stapled Securities	7,679
08/18/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	570.02	717 Stapled Securities	717

		Stanley			
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	497.70	632 Stapled Securities	632
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,925.00	7,500 Stapled Securilies	7,500
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	11,359.41	14,379 Stapled Securities	14,379
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,435.43	1,817 Stapled Securities	1,817
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	12,853.30	16,270 Stapled Securities	16,270
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,131.47	10,293 Stapled Securities	10,293
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,418.41	3,071 Stapled Securities	3,071
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,261.58	1,602 Stapled Securities	1,602
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,534.96	3,219 Stapled Securities	3,219
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,736.42	2,198 Stapled Securities	2,198
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,810.48	-6,128 Stapled Securities	-6,128
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	239.20	-299 Stapled Securities	-299
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	2,807.66	-3,554 Stapled Securities	-3,554
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	3,301.41	-4,179 Stapled Securities	-4,179
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	2,106.56	-2,675 Stapled Securities	-2,675
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	7,120.74	-9,071 Stapled Securities	-9,071
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	296.10	-376 Stapled Securities	-376
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	6,414.80	-8,120 Stapled Securities	-8,120
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	6,241.00	-7,900 Stapled Securities	-7,900
08/18/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by	10,176.80	-12,721 Stapled Securities	-12,721

8/18/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity controlled by	37,135.53	-47,007 Stapled Securities	-47,007
8/18/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity	16,087.05	-20,428 Stapled Securities	-20,428
	initial of the initia	controlled by Morgan Stanley Purchase of securities by an			25,125
8/21/2017	Mitsubishi UFJ Financial Group, Inc.	entitiy controlled by Morgan Stanley	150.84	194 Stapled Securities	194
8/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18.00	23 Stapled Securities	23
8/21/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	72.22	92 Stapled Securities	92
8/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	838,19	1,061 Stapled Securities	1,061
8/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	82.42	106 Stapled Securities	106
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,835.22	6,199 Stapled Securities	6,199
08/21/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4.74	6 Stapled Securities	6
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35.77	46 Stapled Securities	46
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	78.00	100 Stapled Securities	100
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entility controlled by Morgan Stanley	1,915.56	2,448 Stapled Securities	2,448
08/21/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	529.88	675 Stapled Securities	675
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,477.24	4,458 Stapled Securities	4,458
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	327.33	421 Stapled Securities	421
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	37.20	48 Stapled Securities	48
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7.83	10 Stapled Securities	10
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	6,525.48	8,366 Stapled Securities	8,366

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08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,790.93	2,267 Stapled Securities	2,267
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,416.16	12,072 Stapled Securities	12,072
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	114.25	146 Stapled Securities	146
08/21/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,583.08	3,333 Stapled Securities	3,333
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,298.42	13,119 Stapled Securities	13,119
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	3,905.38	4,975 Stapled Securities	4,975
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	128.70	165 Stapled Securities	165
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	88.14	113 Stapled Securities	113
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,189.58	1,530 Stapled Securities	1,530
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	39,800.28	51,026 Stapled Securities	51,026
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,830.20	7,427 Stapled Securities	7,427
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	45.10	58 Stapled Securities	58
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	514.29	651 Stapled Securities	651
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	45,911.58	58,861 Stapled Securities	58,861
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,939.70	11,498 Stapled Securities	11,498
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,142.40	-9,000 Stapled Securities	-9,000
08/21/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	36,256.88	-45,750 Stapled Securities	-45,750
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	24,466.92	-30,776 Stapled Securities	-30,776

Ī		Sale of securities		1	1
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	1,985.12	-2,497 Stapled Securities	-2,497
08/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,934.38	-8,750 Stapled Securities	-8,750
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	496.05	638 Stapled Securities	638
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	495.34	631 Stapled Securities	631
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,061 85	1,357 Stapled Securities	1,357
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,006.40	5,120 Stapled Securities	5,120
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,912.38	5,032 Stapled Securities	5,032
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	334.91	428 Stapled Securities	428
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	11,552.85	14,717 Stapled Securities	14,717
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	353.76	455 Stapled Securities	455
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	507.84	649 Stapled Securities	649
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	10,349.04	13,268 Stapled Securities	13,268
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,445.30	3,135 Stapled Securities	3,135
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	3,754.66	4,783 Stapled Securities	4,783
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,208.32	15,552 Stapled Securities	15,552
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,868.68	4,944 Stapled Securities	4,944
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,159.63	4,025 Stapled Securities	4,025
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,814.28	2,326 Stapled Securities	2,326

08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,903.16	3,722 Stapled Securities	3,722
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,369.64	3,038 Stapled Securities	3,038
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	34,901.88	44,746 Stapled Securities	44,746
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	22,678.65	28,890 Stapled Securities	28,890
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,150.66	10,383 Stapled Securities	10,383
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	14,427.66	18,497 Stapled Securities	18,497
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,843.02	6,209 Stapled Securities	6,209
08/22/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,749.25	6,050 Stapled Securities	6,050
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	331.78	424 Stapled Securities	424
08/22/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,738.26	6,036 Stapled Securities	6,036
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,082.00	5,200 Stapled Securities	5,200
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,355.44	8,148 Stapled Securities	8,148
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	54,824.40	69,840 Stapled Securities	69,840
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,148.08	4,036 Stapled Securities	4,036
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,449.78	9,551 Stapled Securities	9,551
08/22/2017	Mi(subishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	599,40	766 Stapled Securities	766
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,895.53	10,058 Stapled Securities	10,058
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	8,988.25	11,450 Stapled Securities	11,450

		by Morgan Stanley			
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	39,500.00	-50,000 Stapled Securities	-50,000
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	15,841.87	-20,053 Stapled Securities	-20,053
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12,344.06	-15,675 Stapled Securities	-15,675
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	28,777.33	-36,427 Stapled Securities	-36,427
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,141.06	-7,823 Stapled Securities	-7,823
08/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,174.54	-4,044 Stapled Securities	-4,044
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	153.00	200 Stapled Securilies	200
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	27,399.75	35,700 Stapled Securities	35,700
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	138,035.07	180,438 Stapled Securities	180,438
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	110.69	141 Stapled Securities	141
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	542.85	705 Stapled Securities	705
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	186.42	239 Stapled Securities	239
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	825.44	1,072 Stapled Securities	1,072
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,070.30	1,390 Stapled Securities	1,390
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,898.13	2,418 Stapled Securities	2,418
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	23.72	31 Stapled Securities	31
08/23/2017	Milsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,614.77	3,418 Stapled Securities	3,418
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	101.20	131 Stapled Securities	131
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled	126.36	162 Stapled Securities	162

	l	by Morgan Stanley			
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	159.90	205 Stapled Securities	205
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	183.68	237 Stapled Securities	237
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	. 15,320.66	20,027 Stapled Securities	20,027
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securilies by an entitiy controlled by Morgan Stanley	806.96	1,048 Stapled Securities	1,048
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,513.17	1,978 Stapled Securities	1,978
08/23/2017	. · Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,406.34	3,115 Stapled Securities	3,115
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,470.77	11,001 Stapled Securities	11,001
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	110.83	143 Stapled Securities	143
08/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	13,479.62	17,506 Stapled Securities	17,506
08/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitry controlled by Morgan Stanley	1,311.66	1,709 Stapled Securities	1,709
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	213,37	278 Stapled Securities	278
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	618.31	803 Stapled Securities	803
08/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,094.57	2,738 Stapled Securities	2,738
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	14,062.90	18,323 Stapled Securities	18,323
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	505.02	658 Stapled Securities	658
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley		1,386 Stapled Securities	1,386
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley		282 Stapled Securities	282

08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	162.47	211 Stapled Securities	211
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	17,499.02	22,726 Stapled Securities	22,726
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	198.12	254 Stapled Securities	254
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	114.36	149 Stapled Securities	149
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	163.80	210 Stapled Securities	210
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	67.51	86 Stapled Securities	86
08/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,623.93	2,109 Stapled Securities	2,109
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	786.42	1,028 Stapled Securities	1,028
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	481.27	623 Stapled Securities	623
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	97.97	126 Stapled Securities	126
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	39,800.28	-51,026 Stapled Securities	-51,026
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,620.28	-3,381 Stapled Securities	-3,381
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	287.68	-370 Stapled Securities	-370
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stantey Sale of securities	10,174.37	-13,086 Stapled Securities	-13,086
08/23/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Purchase of	9,026.43	-11,647 Stapled Securities	-11,647
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitiy controlled by Morgan Stanley	966.43	1,247 Stapled Securities	1,247
98/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	33,984.72	44,136 Stapled Securities	44,136
08/2 <mark>4/2017</mark>	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	898.74	1,171 Stapled Securities	1,171
98/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	297.02	387 Stapled Securities	387

/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	148.03	191 Stapled Securities	191
/24/2017	Mitsubishî UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,230.02	2,859 Stapled Securities	2,859
3/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	251.79	327 Stapled Securities	327
3/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,175.68	1,517 Stapled Securities	1,517
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,060.52	2,676 Stapled Securities	2,676
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	9,284.04	12,136 Stapled Securities	12,136
D8 /24/20 17	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	857.78	1,114 Stapled Securilies	1,114
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,818.74	2,362 Stapled Securities	2,362
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	4,470.66	5,844 Stapled Securities	5,844
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	613.23	799 Stapled Securities	799
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,999.65	16,993 Stapled Securities	16,993
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	289.85	374 Stapled Securities	374
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	206.15	266 Stapled Securities	266
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,561.22	3,348 Stapled Securities	3,348
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	379.86	487 Stapled Securities	487
08/24/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	294.06	377 Stapled Securities	377
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,024.94	10,422 Stapled Securities	10,422
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	49,568.75	64,375 Stapled Securities	64,375

		securities by an entitiy controlled by Morgan Stanley			
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,424.72	16,136 Stapled Securities	16,136
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,381.37	14,781 Stapled Securities	14,781
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,211.05	9,365 Stapled Securities	9,365
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	1,060.69	1,382 Stapled Securities	1,382
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	190.49	249 Stapled Securities	249
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	145.08	186 Stapled Securities	186
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,531.22	4,586 Stapled Securities	4,586
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	295.68	384 Stapled Securities	384
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	248.04	318 Stapled Securities	318
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	409.50	525 Stapled Securities	525
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35,551.68	46,400 Stapled Securities	46,400
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,189.37	-2,789 Stapled Securities	-2,789
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	269.10	-345 Stapled Securities	-345
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	823.97	-1,053 Stapled Securities	-1,053
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	110.41	-142 Stapled Securities	-142
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,621.30	-12,335 Stapled Securities	-12,335
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	1,008.73	-1,285 Stapled Securities	-1,285
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	266.76	-342 Stapled Securities	-342
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	912.60	-1,170 Stapled Securities	-1,170

		controlled by			1 .
		Morgan Stanley Sale of securities			
8/24/2017	Milsubishi UFJ Financial Group, Inc.	by an entity	122.46	457 Storled Constition	457
012412011	i witsubishi OF3 Financial Group, inc.	controlled by	122.46	-157 Stapled Securities	-157
_		Morgan Stanley Sale of securities			_
0/0//0017	Mitaubiahi LE L Cinappiat Croup Inc	by an entity	E 40E 40	6 000 Stanlad Securities	6 626
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	5,405.40	-6,930 Stapled Securities	-6,930
		Morgan Stanley Sale of securities			
		by an entity			
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	803.06	-1,023 Stapled Securities	-1,023
		Morgan Stanley			
		Sale of securities by an entity			
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	705.12	-904 Stapled Securities	-904
		Morgan Stanley			
		Sale of securities by an entity			
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	3,548.20	-4,520 Stapled Securities	-4,520
		Morgan Stanley			
		Sale of securities by an entity	·		
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	17,783.39	-22,654 Stapled Securities	-22,654
		Morgan Stanley			
		Sale of securities		== :	
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by	12,208.32	-15,552 Stapled Securities	-15,552
	<u></u>	Morgan Stanley			
		Sale of securities			
8/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by	4,762.19	-6,125 Stapled Securities	-6,125
		Morgan Stanley	L		
		Sale of securities			
08/24/2017	Milsubishi UFJ Financial Group, Inc.	by an entity controlled by	208.03	-265 Stapled Securities	-265
		Morgan Stanley			
		Sale of securities			
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by	559.26	-717 Stapled Securities	-717
	1	Morgan Stanley			
		Sale of securities			
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity	1,342.74	-1,727 Stapled Securities	-1,727
	1	controlled by Morgan Stanley		,	,
		Sale of securities			
08/24/2017	Milsubishi UFJ Financial Group, Inc.	by an entity	1,745.06	-2,223 Stapled Securities	-2,223
,	1	controlled by Morgan Stanley	· ·	,	_,
		Sale of securities	<u> </u>		
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity	2,380,56	-3,052 Stapled Securities	-3,052
		controlled by Morgan Stanley	,	-,	5,552
		Sale of securities		<u> </u>	
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity	111.12	-142 Stapled Securities	-142
	The second of th	controlled by Morgan Stanley		capied occurred	176
	1	Sale of securities	 		+
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity	428.22	-549 Stapled Securities	-549
TIEU ()		controlled by	.20.22	- 040 Clapica Occalities	-543
	 	Morgan Stanley Sale of securities		 	
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity	442.11	-565 Stapled Securities	-565
	initialization of or manda Group, Inc.	controlled by	776.11	-500 Otapieu decullues	-303
	·	Morgan Stanley Sale of securities	-	+	+
00/04/0047	Miteubichi HE I Financial Cocco Inc	by an entity	1 605 50	2 464 Charled Committee	0.404
08/24/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by	1,685.58	-2,161 Stapled Securities	-2,161
•		Morgan Stanley Sale of securities			
0010410045	Milesphishi HE I Cinemaial Commission	by an entity	27 500 00	47 000 011- 4 0 ""	47.000
08/24/2017	Milsubishi UFJ Financial Group, Inc.	controlled by	37,523.00	-47,800 Stapled Securities	-47,800
-	 	Morgan Stanley Purchase of	 		
		securities by an			
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	entitiy controlled	1,155.00	1,500 Stapled Securities	1,500
		by Morgan	*		
	 	Stanley			
	Purchase of securities by an				
08/25/2017	Milsubishi UFJ Financial Group, Inc.	entitiy controlled	14,188.02	18,426 Stapled Securities	18,426
	The state of the s	by Morgan	,		15,120
	1	Stanley			
	1	Purchase of			
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitly controlled	1,586.97	2,061 Stapled Securities	2,061
JUL DIE LUIT	waterbierii Ot a Filiancial Gloup, Ilic.	by Morgan	1,000.97	2,001 Stapled Securities	2,001
		Stanley			
	_ · · · · · · · · · · · · · · · · · · ·	Purchase of			
08/25/2017	Milsubishi UFJ Financial Group, Inc.	securities by an	1,948.10	2,530 Stapled Securities	2,530

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		by Morgan Stanley		·	
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,094.70	13,110 Stapled Securities	13,110
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,763.04	4,919 Stapled Securities	4,919
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,049.54	10,488 Stapled Securities	10,488
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,868.50	12,900 Stapled Securities	12,900
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	317.22	-408 Stapled Securities	-408
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	159.91	-207 Stapled Securities	-207
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	390.92	-511 Stapled Securities	-511
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,854.04	-15,445 Stapled Securities	-15,445
08/25/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,637.72	-3,448 Stapled Securities	-3,448
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,331.25	-5,625 Stapled Securities	-5,625
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	15,297.71	-19,997 Stapled Securities	-19,997
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,223.90	-9,443 Stapled Securities	-9,443
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8,482.32	-11,016 Stapled Securities	-11,016
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,089.61	-2,705 Stapled Securities	-2,705
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,962.73	-2,549 Stapled Securities	-2,549
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	18,542.07	-24,238 Stapled Securities	-24,238
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	740.64	-965 Stapled Securities	-965
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	17,754.66	-23,058 Stapled Securities	-23,058
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	663.89	-865 Stapled Securities	-865
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,139.79	-2,788 Stapled Securities	-2,788
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	236.29	-301 Stapled Securilies	-301
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	293.55	-380 Stapled Securities	-380

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ı		controlled by		1	
		Morgan Stanley Sale of securities			
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	1,257.41	-1,633 Stapled Securities	-1,633
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	115.85	-149 Stapled Securities	-149
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	316.73	-410 Stapled Securities	-410
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	405,60	-520 Stapled Securities	-520
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,450.63	-7,125 Stapled Securities	-7,125
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	810.14	-1,059 Stapled Securities	-1,059
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,908.29	-3,777 Stapled Securities	-3,777
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,305.15	-1,695 Stapled Securities	-1,695
08/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	361.92	-464 Stapled Securities	-464
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	915 71	1,197 Stapled Securities	1,197
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	260.26	338 Stapled Securities	338
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	76.25	100 Stapled Securities	100
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	80.08	104 Stapled Securities	104
08/28/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	22,448.88	29,538 Stapled Securities	29,538
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	21.56	28 Stapled Securities	28
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	151.20	197 Stapled Securities	197
08/28/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,990.93	5,286 Stapled Securities	5,286
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	521.73	682 Stapled Securities	682
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	14,599.26	19,084 Stapled Securities	19,084
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	10,930.92	14,300 Stapled Securities	14,300

		entitiy controlled by Morgan Stanley			
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitly controlled by Morgan Stanley	7,129.80	9,320 Stapled Securities	9,320
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,789.17	4,921 Stapled Securities	4,921
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	48.32	64 Stapled Securities	64
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	32,453.60	42,423 Stapled Securities	42,423
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	356.49	466 Stapled Securities	466
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,560.85	15,063 Stapled Securities	15,063
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,286.20	12,060 Stapled Securities	12,060
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitiy controlled by Morgan Stanley	348.45	454 Stapled Securities	454
08/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	144.21	191 Stapled Securities	191
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	910.26	-1,186 Stapled Securities	-1,186
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	213.72	-274 Stapled Securities	-274
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12,424.72	-16,136 Stapled Securities	-16,136
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	750.47	-981 Stapled Securities	-981
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	498.02	-651 Stapled Securities	-651
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,735.04	-3,552 Stapled Securities	-3,552
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,511.98	-1,970 Stapled Securities	-1,970
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	421.60	-544 Stapled Securities	-544
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	226.44	-296 Stapled Securities	-296
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	206.15	-266 Stapled Securities	-266
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	2,312.31	-3,003 Stapled Securities	-3,003

		controlled by Morgan Stanley			·
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	393.12	-504 Stapled Securities	-504
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	475.86	-618 Stapled Securities	-618
08/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	15,213.66	-19,758 Stapled Securities	-19,758
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	29,383.20	39,600 Stapled Securities	39,600
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	180,453.44	243,856 Stapled Securities	243,856
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,834.90	2,488 Stapled Securities	2,488
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,014.06	1,375 Stapled Securities	1,375
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,018.90	9,485 Stapled Securities	9,485
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,248.34	2,939 Stapled Securities	2,939
08/29/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	11,553.62	15,613 Stapled Securities	15,613
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	884.94	1,204 Stapled Securities	1,204
08/29/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	11,967.68	16,064 Stapled Securities	16,064
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	40,059.16	54,134 Stapled Securities	54,134
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	395.78	-514 Stapled Securities	-514
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	45.43	-59 Stapled Securities	-59
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,449.14	-1,882 Stapled Securities	-1,882
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,106.84	-4,048 Stapled Securities	-4,048
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,963.61	-3,874 Stapled Securities	-3,874
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	697.68	-912 Stapled Securities	-912
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	746.78	-973 Stapled Securities	-973

		controlled by Morgan Stanley			
18/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	359.55	-470 Stapled Securities	-470
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,586.97	-2,061 Stapled Securities	-2,061
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,282.80	-9,520 Stapled Securities	-9,520
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4.62	-6 Stapled Securities	-6
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	376.53	-489 Stapled Securities	-489
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	13.86	-18 Stapled Securities	-18
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,932.27	-14,244 Stapled Securities	-14,244
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	880.32	-1,147 Stapled Securities	-1,147
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,195.92	-5,467 Stapled Securities	-5,467
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	439.88	-575 Stapled Securities	-575
08/29/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	286.88	-375 Stapled Securities	-375
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,652.64	-7,365 Stapled Securities	-7,365
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entily controlled by Morgan Stanley	6,099.94	-7,922 Stapled Securities	-7,922
08/29/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,647.82	-2,147 Stapled Securities	-2,147
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	369.17	-481 Stapled Securities	-481
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,817.97	-2,361 Stapled Securities	-2,361
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,594.13	-3,369 Stapled Securities	-3,369
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,973.97	-5,161 Stapled Securities	-5,161
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	81.62	-106 Stapled Securities	-106
08/29/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,552.32	-2,016 Stapled Securities	-2,016
08/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	800.96	-1,047 Stapled Securities	-1,047
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,824.85	14,530 Stapled Securities	14,530
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	24,833.83	33,334 Stapled Securities	33,334

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		entitiy controlled by Morgan Stanley			
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,060.78	1,405 Stapled Securities	1,405
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	293.02	392 Stapled Securities	392
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	925.74	1,251 Stapled Securities	1,251
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	24,369.00	32,492 Stapled Securities	32,492
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,563.93	3,430 Stapled Securities	3,430
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	279.75	373 Stapled Securities	373
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	475.31	638 Stapled Securities	638
08/30/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,276.23	20,505 Stapled Securities	20,505
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,493.00	3,324 Stapled Securities	3,324
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	134.25	179 Stapled Securities	179
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,834.94	2,463 Stapled Securities	2,463
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	77.22	104 Stapled Securities	104
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,451.59	4,633 Stapled Securities	4,633
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	185.00	250 Stapled Securities	250
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	31,716.75	42,289 Stapled Securities	42,289
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	102.41	137 Stapled Securities	137
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	223.49	301 Stapled Securities	301

08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,062.85	26,930 Stapled Securities	26,930
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	182.71	242 Stapled Securities	242
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	62.58	84 Stapled Securities	84
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,049.65	2,742 Stapled Securities	2,742
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	286.83	385 Stapled Securities	385
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securitles by an entitly controlled by Morgan Stanley	11,067.71	14,906 Stapled Securities	14,906
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	196.02	264 Stapled Securities	264
08/30/2017 ·	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,537.06	20,900 Stapled Securities	20,900
08/30/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	16,219 53	-21,202 Stapled Securities	-21,202
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	1,292.00	1,700 Stapled Securities	1,700
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,207.00	4,276 Stapled Securities	4,276
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	173.28	228 Stapled Securities	228
08/31/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	971.25	1,295 Stapled Securities	1,295
08/31/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	326.92	433 Stapled Securities	433
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,938.20	10,445 Stapled Securities	10,445
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	1,106.56	1,456 Stapled Securities	1,456
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,775.60	16,810 Stapled Securities	16,810
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	167.75	220 Stapled Securities	220

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08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	7,492.84	9,859 Stapled Securities	9,859
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	29,021.25	38,695 Stapled Securities	38,695
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	64.07	86 Stapled Securities	86
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,244.62	2,973 Stapled Securities	2,973
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	61.36	81 Stapled Securities	81
08/31/2017	Mitsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	231.79	307 Stapled Securities	307
08/31/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	135.00	180 Stapled Securities	180
08/31/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,347.65	15,030 Stapled Securities	15,030
08/31/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,535.79	14,142 Stapled Securities	14,142
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	158.08	208 Stapled Securities	208
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,143.44	5,488 Stapled Securities	5,488
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	512.24	674 Stapled Securities	674
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	248.83	334 Stapled Securities	334
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	279.35	370 Stapled Securities	370
08/31/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,473.47	15,300 Stapled Securities	15,300
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	75.50	100 Stapled Securities	100
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	141.36	186 Stapled Securities	186
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	59.25	79 Stapled Securities	79

		securities by an entiliy controlled by Morgan Stanley		,	
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	157.04	208 Stapled Securities	208
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,431.68	1,890 Stapled Securities	1,890
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1.50	2 Stapled Securities	2
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,374.84	1,809 Stapled Securities	1,809
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	215.93	286 Stapled Securities	286
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	212.04	279 Stapled Securities	279
09/01/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,331.07	1,763 Stapled Securities	1,763
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,071.52	15,936 Stapled Securities	15,936
09/01/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	290.68	385 Stapled Securities	385
09/01/2017 [°]	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	467.25	623 Stapled Securities	623
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	24.16	-32 Stapled Securities	-32
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	936.96	-1,241 Stapled Securities	-1,241
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	414.00	-552 Stapled Securities	-552
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	762.14	-1,023 Stapled Securities	-1,023
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	46.94	-63 Stapled Securities	-63
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	555.75	-741 Stapled Securities	-741
09/01/2017	Milsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	48.00	-64 Stapled Securities	-64
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	8,421.75	-11,229 Stapled Securities	-11,229
09/01/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	512.04	-685 Stapled Securities	-685

09/01/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	10,851.00	14 469 Stanlad Convention	14.400
	To Thanking Group, IIIO.	controlled by Morgan Stanley Purchase of	10,001.00	-14,468 Stapled Securities	-14,468
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitiy controlled by Morgan Stanley	440.17	583 Stapled Securities	583
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,463.19	4,587 Stapled Securities	4,587
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	82.88	112 Stapled Securities	112
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,726.00	4,968 Stapled Securities	4,968
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entility controlled by Morgan Stanley	7,293.30	9,660 Stapled Securities	9,660
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,996.51	8,049 Stapled Securities	8,049
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entifiy controlled by Morgan Stanley	190.08	256 Stapled Securities	256
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	208.50	278 Stapled Securities	278
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,954.14	2,623 Stapled Securities	2,623
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	373.25	501 Stapled Securities	501
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entifiy controlled by Morgan Stanley	2,208.38	2,925 Stapled Securities	2,925
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,044.92	10,800 Stapled Securities	10,800
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,162.36	1,555 Stapled Securities	1,555
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	822.48	1,093 Stapled Securities	1,093
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,228.92	1,617 Stapled Securities	1,617
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,243.72	10,847 Stapled Securities	10,847
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	848.41	1,135 Stapled Securities	1,135

		Stanley Purchase of		.	-
9/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	374.25	499 Stapled Securities	499
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,568.03	2,070 Stapled Securities	2,070
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	990.56	1,312 Stapled Securities	1,312
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	430.16	566 Stapled Securities	566
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	726.91	979 Stapled Securities	979
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	836.00	1,100 Stapled Securities	1,100
09/04/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,501.00	-1,975 Stapled Securities	-1,975
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	25,171.20	-33,120 Stapled Securities	-33,120
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	148.26	-199 Stapled Securities	-199
09/04/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	375.00	-500 Stapled Securities	-500
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	231.79	-307 Stapled Securities	-307
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	209.89	-278 Stapled Securities	-278
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	7,938.20	-10,445 Stapled Securities	-10,445
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	64.07	-86 Stapled Securities	-86
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	153.75	-205 Stapled Securities	-205
09/04/2017	Milsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	87.87	-116 Stapled Securities	-116
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	651.32	-857 Stapled Securities	-857
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	15,510.84	-20,409 Stapled Securities	-20,409
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	73.99	-98 Stapled Securities	-98
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	10,950.84	-14,409 Stapled Securities	-14,409
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	72.99	-97 Stapled Securities	-97

09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	971.25	-1,295 Stapled Securities	-1,295
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,832.36	-2,411 Stapled Securities	-2,411
09/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	281.20	-370 Stapled Securities	-370
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	11,685.96	15,600 Stapled Securities	15,600
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,731.92	3,667 Stapled Securities	3,667
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	226.50	300 Stapled Securities	300
09/05/2017	Milsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,751.25	14,335 Stapled Securities	14,335
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,580.40	4,758 Stapled Securities	4,758
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	598.50	798 Stapled Securities	798
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	261.75	349 Stapled Securities	349
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,173.50	14,898 Stapled Securities	14,898
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,936.03	2,590 Stapled Securities	2,590
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,609.55	10,180 Stapled Securities	10,180
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,304.98	21,596 Stapled Securities	21,596
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	414.22	556 Stapled Securities	556
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,803.25	5,071 Stapled Securities	5,071
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,600.55	3,479 Stapled Securities	3,479
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	8,907.22	11,956 Stapled Securities	11,956
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	4,063.50	5,418 Stapled Securities	5,418

į		securities by an entitiy controlled by Morgan Stanley			
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	279.18	371 Stapled Securities	371
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	628.78	844 Stapled Securities	844
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,175.16	2,881 Stapled Securities	2,881
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	453 69	-595 Stapled Securities	-595
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,484.31	-15,211 Stapled Securities	-15,211
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sate of securities by an entity controlled by Morgan Stanley	2,474.00	-3,266 Stapled Securities	-3,266
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,319.72	-12,344 Stapled Securities	-12,344
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	14,892.20	-19,595 Stapled Securities	-19,595
09/05/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,557.92	-13,892 Stapled Securities	-13,892
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	143.64	-189 Stapled Securities	-189
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	154.28	-203 Stapled Securities	-203
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	59.25	-79 Stapled Securities	-79
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sate of securities by an entity controlled by Morgan Stanley	169.50	-226 Stapled Securities	-226
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	215.93	-286 Stapled Securities	-286
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,073.88	-1,413 Stapled Securities	-1,413
09/05/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,264.64	-1,664 Stapled Securities	-1,664
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	158.84	-209 Stapled Securities	-209
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	267.52	-352 Stapled Securities	-352
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,431.68	-1,890 Stapled Securities	-1,890
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,706.30	-4,909 Stapled Securities	-4,909
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,567.07	-4,709 Stapled Securities	-4,709
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities	28,237.04	-37,154 Stapled Securities	-37,154

		by an entity controlled by Morgan Stanley			
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	290.68	-385 Stapled Securities	-385
09/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	948.48	-1,248 Stapled Securities	-1,248
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	740.24	974 Stapled Securities	974
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	158.62	206 Stapled Securities	206
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	91.20	120 Stapled Securities	120
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	75.24	99 Stapled Securities	99
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	144.29	188 Stapled Securities	188
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	24.56	32 Stapled Securities	32
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,453.98	16,174 Stapled Securities	16,174
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,134.64	1,523 Stapled Securities	1,523
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	25.16	33 Stapled Securities	33
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	274.12	356 Stapled Securities	356
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	23.41	31 Stapled Securities	31
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	107 87	141 Stapled Securities	141
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	51.00	68 Stapled Securities	68
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20.86	28 Stapled Securities	28
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	124.70	163 Stapled Securities	163
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	1,151.38	1,525 Stapled Securities	1,525

		entitiy controlled by Morgan Stanley			
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securilies by an entitiy controlled by Morgan Stanley	131.75	170 Stapled Securities	170
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15.40	20 Stapled Securities	20
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,859.31	-3,838 Stapled Securities	-3,838
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,693.25	-7,591 Stapled Securities	-7,591
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	430.65	-580 Stapled Securities	-580
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,855.04	-2,457 Stapled Securities	-2,457
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	410.11	-545 Stapled Securities	-545
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	258.52	-347 Stapled Securities	-347
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,849.35	-14,370 Stapled Securities	-14,370
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,613.57	-6,172 Stapled Securities	-6,172
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	840.07	-1,109 Stapled Securities	-1,109
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,492.80	-3,280 Stapled Securities	-3,280
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	852.75	-1,137 Stapled Securities	-1,137
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	412.37	-548 Stapled Securities	-548
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,407.48	-1,902 Stapled Securities	-1,902
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	373.45	-493 Stapled Securities	-493 ,
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,643.89	-15,682 Stapled Securities	-15,682
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	990,56	-1,312 Stapled Securities	-1,312
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	393.90	-520 Stapled Securities	-520
09/06/2017	Mitsubishì UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	18,921.81	-25,062 Stapled Securities	-25,062
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	9,149.09	-12,118 Stapled Securities	-12,118
09/06/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,228.92	-1,617 Stapled Securities	-1,617

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9/06/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	4,117.62	-5,527 Stapled Securities	-5,527
9/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,333.53	-1,796 Stapled Securities	-1,796
9/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	168.92	-223 Stapled Securities	-223
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,293,30	-9,660 Stapled Securities	-9,660
9/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	54,294.11	-72,878 Stapled Securities	-72,878
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	559.04	-738 Stapled Securities	-738
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	287.57	-386 Stapled Securities	-386
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,695.62	-2,276 Stapled Securities	-2,276
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	340.86	-456 Stapled Securities	-456
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	15,953.43	-21,414 Stapled Securities	-21,414
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	296.26	-399 Stapled Securities	-399
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	399.17	-534 Stapled Securities	-534
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	965.52	-1,296 Stapled Securities	-1,296
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	36,665.07	-48,563 Stapled Securities	-48,563
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	82.88	-112 Stapled Securities	-112
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	794.59	-1,063 Stapled Securities	-1,063
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	993.30	-1,320 Stapled Securities	-1,320
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	208.50	-278 Stapled Securities	-278
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,746.84	-5,032 Stapled Securities	-5,032
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	97,692.60	-131,131 Stapled Securities	-131,131
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,600.40	-2,141 Stapled Securities	-2,141
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	280.87	-377 Stapled Securities	-377
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,791.96	-10,459 Stapled Securities	-10,459
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities	994.84	-1,309 Stapled Securities	-1,309

		by an entity controlled by Morgan Stanley		1	•
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	13.68	-18 Stapled Securities	-18
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	22,443.13	-30,125 Stapled Securities	-30,125
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,679.82	-10,274 Stapled Securities	-10,274
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	761.25	-1,015 Stapled Securities	-1,015
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,216.00	-1,600 Stapled Securities	-1,600
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,825.25	-15,767 Stapled Securities	-15,767
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,095.19	-1,475 Stapled Securities	-1,475
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entify controlled by Morgan Stanley	13,614.48	-18,336 Stapled Securities	-18,336
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8,155.52	-10,947 Stapled Securities	-10,947
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	823.50	-1,098 Stapled Securities	-1,098
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,287.69	-4,413 Stapled Securities	-4,413
09/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	367.77	-492 Stapled Securities	-492
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,463.04	8,504 Stapled Securities	8,504
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	13,107.72	17,247 Stapled Securities	17,247
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,347.50	1,750 Stapled Securities	1,750
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	506.01	668 Stapled Securities	668
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,941.18	12,995 Stapled Securities	12,995
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	336.60	440 Stapled Securities	440
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,985.44	5,244 Stapled Securities	5,244
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,765.56	6,312 Stapled Securities	6,312

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09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,249.44	1,644 Stapled Securities	1,644
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,147.07	5,421 Stapled Securities	5,421
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,744.05	2,310 Stapled Securities	2,310
09/07/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	226.50	-300 Stapled Securities	-300
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,520.25	-6,027 Stapled Securities	-6,027
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	817.77	-1,094 Stapled Securities	-1,094
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	153.27	-203 Stapled Securities	-203
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	186.00	-248 Stapled Securities	-248
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,936.03	-2,590 Stapled Securities	-2,590
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	414.22	-556 Stapled Securities	-556
09/07/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	860 25	-1,147 Stapled Securities	-1,147
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,641.64	8,739 Stapled Securities	8,739
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,861.60	11,660 Stapled Securities	11,660
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	255.64	332 Stapled Securities	332
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,075.16	5,327 Stapled Securities	5,327
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,798.78	4,982 Stapled Securities	4,982
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	616.00	-800 Stapled Securities	-800
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,161.54	-8,002 Stapled Securities	-8,002
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	20,502.79	-26,627 Stapled Securities	-26,627
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,806.65	-3,645 Stapled Securities	-3,645
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	144.29	-188 Stapled Securities	-188

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09/08/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	177.48	-232 Stapled Securities	-232
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	274.12	-356 Stapled Securities	-356
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity controlled by	8,801.87	-11,431 Stapled Securities	-11,431
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	Morgan Stanley Sale of securities by an entity	2,891.35	-3,755 Stapled Securities	-3,755
00/00/0047		controlled by Morgan Stanley Sale of securities by an entity			<u> </u>
09/08/2017	Mitsubishi UFJ Financial Group, Inc.	controlled by Morgan Stanley Purchase of	9,140.16	-11,909 Stapled Securities	-11,909
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitly controlled by Morgan Stanley	14,125.15	18,226 Stapled Securities	18,226
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,001.98	25,809 Stapled Securities	25,809
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,393.70	1,810 Stapled Securities	1,810
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	19,554.80	25,232 Stapled Securities	25,232
09/11/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,085.39	2,726 Stapled Securities	2,726
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	396.27	518 Stapled Securities	518
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	17,739.26	23,038 Stapled Securities	23,038
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,933.08	9,004 Stapled Securities	9,004
09/11/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	17,461.29	22,677 Stapled Securities	22,677
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	556.45	718 Stapled Securities	718
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	.1,541.48	-2,015 Stapled Securities	-2,015
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	134.20	-176 Stapled Securities	-176
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,685.48	-7,432 Stapled Securities	-7,432
09/11/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,613.28	-9,952 Stapled Securities	-9,952
09/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by	7,300.40	-9,543 Stapled Securities	-9,543

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		Morgan Stanley			
09/11/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,249.44	-1,644 Stapled Securities	-1,644
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,597.40	21,416 Stapled Securities	21,416
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,207.45	1,558 Stapled Securities	1,558
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	895.51	1,163 Stapled Securities	1,163
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18,955.73	24,459 Stapled Securities	24,459
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	137.51	178 Stapled Securities	178
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	388.08	504 Stapled Securities	504
09/12/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	164.58	211 Stapled Securities	211
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,438.18	7,017 Stapled Securities	7,017
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	816.08	1,053 Stapled Securities	1,053
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,388.85	9,534 Stapled Securities	9,534
09/12/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	441.98	574 Stapled Securities	574
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,096.88	-9,338 Stapled Securities	-9,338
09/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,032.84	-1,359 Stapled Securities	-1,359
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	14,403.52	18,952 Stapled Securities	18,952
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18,645.84	24,534 Stapled Securities	24,534
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,436.10	5,724 Stapled Securities	5,724
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,158.31	2,803 Stapled Securities	2,803

		1 Sale of securities		1 .	1
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	882.81	-1,154 Stapled Securities	-1,154
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8,665.28	-11,181 Stapled Securities	-11,181
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,261.23	-8,079 Stapled Securities	-8,079
09/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	396.27	-518 Stapled Securities	-518
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	6,656.08	8,816 Stapled Securities	8,816
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitiy controlled by Morgan Stanley	3,048.36	4,011 Stapled Securities	4,011
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	91.20	120 Stapled Securities	120
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	734.16	966 Stapled Securities	966
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,810.05	7,721 Stapled Securities	7,721
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,225.12	1,612 Stapled Securities	1,612
09/14/2017	Mitsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	191.77	254 Stapled Securities	254
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	154.53	204 Stapled Securities	204
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	832.20	1,095 Stapled Securities	1,095
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,269.52	8,304 Stapled Securities	8,304
09/14/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,773.73	-3,579 Stapled Securities	-3,579
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,241.25	1,655 Stapled Securities	1,655
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	25,061.58	33,867 Stapled Securities	33,867
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,609.66	2,132 Stapled Securities	2,132
09/15/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan	20,609.99	27,298 Stapled Securities	27,298

		Stanley			
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	580.06	776 Stapled Securities	776
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,089.25	12,119 Stapled Securities	12,119
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,557.94	27,781 Stapled Securities	27,781
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,152.92	1,522 Stapled Securities	1,522
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,545.57	8,786 Stapled Securities	8,786
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	785.96	1,041 Stapled Securities	1,041
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled, by Morgan Stanley	1,593.00	2,124 Stapled Securities	2,124
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	714.00	952 Stapled Securities	952
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	13,772.88	18,612 Stapled Securities	18,612
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	362.82	487 Stapled Securities	487
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,527.36	2,064 Stapled Securities	2,064
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	2,335.97	-3,094 Stapled Securities	-3,094
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	1,029.99	-1,342 Stapled Securities	-1,342
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	10,215.92	-13,442 Stapled Securities	-13,442
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	11,073.37	-14,381 Stapled Securities	14,381
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	13,007.61	-16,893 Stapled Securities	-16,893
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	362.19	-475 Stapled Securities	-475
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley Sale of securities	1,608.11	-2,109 Stapled Securities	-2,109
09/15/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	652.19	-847 Stapled Securities	-847

		by an entity controlled by Morgan Stanley			
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,523.21	-3,342 Stapled Securities	-3,342
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,857.61	-7,657 Stapled Securities	-7,657
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	427.23	-564 Stapled Securities	-564
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,117.81	-1,447 Stapled Securities	-1,447
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,060.79	-3,988 Stapled Securities	-3,988
9/15/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	567.76	-752 Stapled Securities	-752
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	239.95	321 Stapled Securities	321
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	4,847.72	6,507 Stapled Securities	6,507
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,560.06	8,776 Stapled Securities	8,776
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	150.00	200 Stapled Securities	200
9/18/2017	√ Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,155.42	16,316 Stapled Securities	16,316
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	467.86	628 Stapled Securities	628
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	19,957.06	26,788 Stapled Securities	26,788
9/1 8/2 017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	662.25	883 Stapled Securities	883
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	13,031.54	17,492 Stapled Securities	17,492
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	351.64	472 Stapled Securities	472
9/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,596.69	8,825 Stapled Securities	8,825
9/18/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,148.16	9,600 Stapled Securities	9,600
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	453.00	-600 Stapled Securities	-600

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09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	878.56	-1,156 Stapled Securities	-1,156
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	154.53	-204 Stapled Securities	-204
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	825.36	-1,086 Stapled Securities	-1,086
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,052.47	-4,043 Stapled Securities	-4,043
09/18/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	366.00	-488 Stapled Securities	-488
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,856.54	-5,108 Stapled Securities	-5,108
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	114.76	-151 Stapled Securities	-151
09/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	374.25	-499 Stapled Securities	-499
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	69.00	92 Stapled Securities	92
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,463.75	3,285 Stapled Securities	3,285
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,862.00	3,816 Stapled Securities	3,816
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	504.37	677 Stapled Securities	677
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	300.24	403 Stapled Securities	403
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,716.26	2,296 Stapled Securities	2,296
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,409.33	3,234 Stapled Securities	3,234
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,797.92	10,467 Stapled Securities	10,467
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entility controlled by Morgan Stanley	641.69	1,126 Stapled Securities	1,126
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,660.35	3,559 Stapled Securities	3,559
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	8,269.50	11,100 Stapled Securities	11,100

09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	296.00	-400 Stapled Securities	-400
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	15,300.24	-20,676 Stapled Securities	-20,676
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,741.40	-9,110 Stapled Securities	-9,110
09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	400.91	-531 Stapled Securities	-531
.09/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	61,585.76	-83,224 Stapled Securities	-83,224
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,767.09	2,364 Stapled Securities	2,364
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,682.75	3,577 Stapled Securities	3,577
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,760.32	6,326 Stapled Securities	6,326
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	353.13	474 Stapled Securities	474
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,713.50	2,300 Stapled Securities	2,300
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,757.16	3,664 Stapled Securities	3,664
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	387.21	518 Stapled Securities	518
09/20/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,402.25	3,203 Stapled Securities	3,203
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,345.00	4,460 Stapled Securities	4,460
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,249.16	3,019 Stapled Securities	3,019
09/20/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,859.85	5,181 Stapled Securities	5,181
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	298.00	-400 Stapled Securities	-400
09/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,465.21	-3,309 Stapled Securities	-3,309
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,271.80	3,070 Stapled Securities	3,070
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	9,383.95	12,724 Stapled Securities	12,724

		securities by an entitiy controlled by Morgan			
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan	446.99	602 Stapled Securities	602
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	4,668.17	6,266 Stapled Securities	6,266
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	15,994.80	21,600 Stapled Securities	21,600
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,044.80	9,520 Stapled Securities	9,520
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	210.95	287 Stapled Securities	287
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,578.90	3,485 Stapled Securities	3,485
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,194.83	2,956 Stapled Securities	2,956
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	70.78	95 Stapled Securities	95
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	39.09	53 Stapled Securities	53
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	69.00	-92 Stapled Securities	-92
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,142.25	-1,523 Stapled Securities	-1,523
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entify controlled by Morgan Stanley	1,291.83	-1,734 Stapled Securities	-1,734
09/21/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	355.50	-474 Stapled Securities	-474
09/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,180.00	7,000 Stapled Securities	7,000
09/22/2017	Mitsubishi UFJ Financial Group, Iŋc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,344.98	11,277 Stapled Securities	11,277
09/22/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,173.14	15,048 Stapled Securities	15,048
09/22/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	223,50	-300 Stapled Securities	-300
09/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	228.74	-306 Stapled Securities	-306
09/22/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities	4,437.97	-5,957 Stapled Securities	-5,957

·	· · · · · · · · · · · · · · · · · · ·	by an entity controlled by Morgan Stanley			
9/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	986.70	-1,320 Stapled Securities	-1,320
9/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,767.09	-2,364 Stapled Securities	-2,364
9/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	43,148.17	-57,917 Stapled Securities	-57,917
9/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,542.09	-2,063 Stapled Securities	-2,063
9/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	29,009.56	-38,939 Stapled Securities	-38,939
09/22/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,592.07	-2,137 Stapled Securities	-2,137
99/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	7,006.32	9,468 Stapled Securities	9,468
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	88.94	121 Stapled Securities	121
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	2,126.02	2,873 Stapled Securities	2,873
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,117.12	27,200 Stapled Securities	27,200
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	222.00	-300 Stapled Securities	-300
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8,405.09	-11,282 Stapled Securities	-11,282
09/25/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,732.52	-9,098 Stapled Securities	-9,098
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,358.68	7,266 Stapled Securities	7,266
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	8,079.86	10,993 Stapled Securities	10,993
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,984.31	10,863 Stapled Securities	10,863
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	318.20	430 Stapled Securities	430
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	1,954.37	2,659 Stapled Securities	2,659
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	577.71	786 Stapled Securities	786
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	635.66	859 Stapled Securities	859

		securities by an entitiy controlled by Morgan Stanley	,		
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,654.09	3,611 Stapled Securities	3,611
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,704.94	13,204 Stapled Securities	13,204
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	24,452.40	33,255 Stapled Securities	33,255
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	444.00	-600 Stapled Securities	-600
09/26/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,158.48	-1,555 Stapled Securities	-1,555
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4.46	6 Stapled Securities	6
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9.59	13 Stapled Securities	13
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	22.86	31 Stapled Securities	31
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	71.04	96 Stapled Securities	96
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,889.22	2,553 Stapled Securities	2,553
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5.92	8 Stapled Securities	В
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,921.73	10,669 Stapled Securities	10,669
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	25.73	35 Stapled Securities	35
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	169,909.09	229,700 Stapled Securities	229,700
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,915.34	-5,291 Stapled Securities	-5,291
09/27/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,199.86	-2,993 Stapled Securities	-2,993
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	74.00	100 Stapled Securities	100
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	4,545.10	6,020 Stapled Securities	6,020

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09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,286.28	6,821 Stapled Securities	6,821
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	0.74	1 Stapled Securities	1
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,105.47	7,981 Stapled Securities	7,981
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,901.20	11,560 Stapled Securities	11,560
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,700.90	7,356 Stapled Securities	7,356
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	13,364.12	17,356 Stapled Securities	17,356
09/28/2017	Mitsubishi UFJ Financial Group, Inc	Purchase of securities by an entitiy controlled by Morgan Stanley	4,709.72	6,197 Stapled Securities	6,197
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	806.60	1,090 Stapled Securities	1,090
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3.06	4 Stapled Securities	4
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,134.77	1,503 Stapled Securities	1,503
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,200.85	6,981 Stapled Securities	6,981
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	882.00	-1,200 Stapled Securities	-1,200
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,977.15	-2,690 Stapled Securities	-2,690
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	907.73	-1,235 Stapled Securities	-1,235
09/28/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	577.71	-786 Stapled Securities	-786
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,296.71	5,691 Stapled Securities	5,691
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,955.78	27,756 Stapled Securities	27,756
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	507.20	663 Stapled Securities	663
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of	1,846.04	2,429 Stapled Securities	2,429

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	·	securities by an entitiy controlled by Morgan Stanley			
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	717.25	950 Stapled Securities	950
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	902.25	1,199 Stapled Securities	1,199
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	170.50	220 Stapled Securities	220
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securilies by an entitiy controlled by Morgan Stanley	189.72	248 Stapled Securities	248
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	441.56	581 Stapled Securities	581
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	274.12	356 Stapled Securities	356
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	444.00	-600 Stapled Securities	-600
09/29/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	148.00	-200 Stapled Securities	-200
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	18,987.43	24,659 Stapled Securities	24,659
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	153.00	200 Stapled Securities	200
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	13,941.62	18,106 Stapled Securities	18,106
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,995.65	6,446 Stapled Securities	6,446
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	485.01	634 Stapled Securities	634
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	8,088.08	10,504 Stapled Securities	10,504
10/02/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,085,700.00	1,410,000 Stapled Securities	1,410,000
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	459.00	-600 Stapled Securities	-600
10/02/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	13,228.38	-17,292 Stapled Securities	-17,292
10/02/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	16,914.92	-22,111 Stapled Securities	-22,111

10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,677.75	6,075 Stapled Securities	6,075
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	359.55	470 Stapled Securities	470
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,964.03	2,559 Stapled Securities	2,559
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,646.32	8,688 Stapled Securities	8,688
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	456.00	-600 Stapled Securities	-600
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an enlity controlled by Morgan Stanley	12,631.96	-16,621 Stapled Securities	-16,621
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	13,480.88	-17,738 Stapled Securities	-17,738
10/03/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities , by an entity controlled by Morgan Stanley	28,619.32	-37,657 Stapled Securities	-37,657
10/03/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	870.33	-1,123 Stapled Securities	-1,123
10/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,174.13	1,550 Stapled Securities	1,550
10/04/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	271.19	358 Stapled Securities	358
10/04/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,169.64	1,539 Stapled Securities	1,539
10/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	28,604.25	38,139 Stapled Securities	38,139
10/04/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	2,802.75	3,737 Stapled Securities	3,737
10/04/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	23.72	-31 Stapled Securities	-31
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,776.50	7,702 Stapled Securities	7,702
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	6,079.20	8,160 Stapled Securities	8,160
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	406.15	547 Stapled Securities	547
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,057.38	9,537 Stapled Securities	9,537

10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,136.82	8,293 Stapled Securities	8,293
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	25,736.77	34,546 Stapled Securities	34,546
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	9,990.00	13,500 Stapled Securities	13,500
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	542.03	730 Stapled Securities	730
10/05/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	385.00	-500 Stapled Securities	-500
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	30.55	41 Stapled Securities	41
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,114.68	2,829 Stapled Securities	2,829
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18,498.00	24,664 Stapled Securities	24,664
10/06/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,357.50	5,810 Stapled Securities	5,810
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	740.00	1,000 Stapled Securities	1,000
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	34,167.00	-45,556 Stapled Securities	-45,556
10/06/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	450.00	-600 Stapled Securities	-600
10/09/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,813.75	9,085 Stapled Securities	9,085
10/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	444.00	-600 Stapled Securities	-600
10/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,882.50	-2,510 Stapled Securities	-2,510
10/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	850.16	-1,145 Stapled Securities	-1,145
10/09/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	485.60	-654 Stapled Securities	-654
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,524.39	6,073 Stapled Securities	6,073
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,270.55	4,390 Stapled Securities	4,390
10/10/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of	1,183.29	1,583 Stapled Securities	1,583

		securities by an entitiy controlled by Morgan			
	<u> </u>	Stanley			4
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	26,897.52	36,348 Stapled Securities	36,348
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,789.25	15,719 Stapled Securities	15,719
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	34.90	47 Stapled Securities	47
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,970.00	4,000 Stapled Securities	4,000
10/10/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	19,085.41	-25,618 Stapled Securities	-25,618
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	412.62	552 Stapled Securities	552
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,114.14	6,911 Stapled Securities	6,911
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,801.82	10,543 Stapled Securities	10,543
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	518.00	700 Stapled Securities	700
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	6,810.96	9,204 Stapled Securities	9,204
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,441.50	5,922 Stapled Securities	5,922
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,611.02	4,847 Stapled Securities	4,847
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	14,575.28	19,630 Stapled Securities	19,630
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	79,433.04	107,400 Stapled Securities	107,400
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	525,00	-700 Stapled Securities	-700
10/11/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,058.75	-6,745 Stapled Securities	-6,745
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	5,300.68	7,115 Stapled Securities	7,115
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	143,412.00	193,800 Stapled Securities	193,800

		entitiy controlled by Morgan Stanley			
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,665.24	27,926 Stapled Securities	27,926
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	29.25	-39 Stapled Securities	-39
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	8.20	-11 Stapled Securities	-11
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	109.52	-148 Stapled Securities	-148
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	97.27	-131 Stapled Securities	-131
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	38.74	-52 Stapled Securities	-52
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	98.75	-133 Stapled Securities	-133
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	122.84	-166 Stapled Securities	-166
10/12/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	113.62	-152 Stapled Securities	-152
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	68,329.42	92,200 Stapled Securities	92,200
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	11,403.72	15,307 Stapled Securities	15,307
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,316.95	3,110 Stapled Securities	3,110
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,771.78	5,097 Stapled Securities	5,097
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	518.00	-700 Stapled Securities	-700
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,909.44	-2,563 Stapled Securities	-2,563
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,055.42	-8,183 Stapled Securities	-8,183
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,465.64	-7,386 Stapled Securities	-7,386
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	45,342.76	-61,274 Stapled Securities	-61,274
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	25,255.46	-34,129 Stapled Securities	-34,129
10/13/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12,444.58	-16,817 Stapled Securities	-16,817
10/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	65,638.00	88,700 Stapled Securities	88,700

		by Morgan Stanley			
10/16/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,121.27	20,297 Stapled Securities	20,297
10/16/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	99,307.40	134,000 Stapled Securities	134,000
10/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	444.00	-600 Stapled Securities	-600
10/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,991.92	-4,016 Stapled Securities	-4,016
10/16/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,270.28	-7,122 Stapled Securities	-7,122
10/17/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,000.79	1,357 Stapled Securities	1,357
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an enlitiy controlled by Morgan Stanley	10,867.71	14,786 Stapled Securities	14,786
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	210.23	287 Stapled Securities	287
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,525.58	7,467 Stapled Securities	7,467
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	391.76	533 Stapled Securities	533
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,717.02	5,023 Stapled Securities	5,023
10/17/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	187.22	253 Stapled Securities	253
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	55.31	75 Stapled Securities	75
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entity controlled by Morgan Stanley	51.45	70 Stapled Securities	70
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,476.78	3,347 Stapled Securities	3,347
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	319.68	432 Stapled Securities	432
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	27,938.82	38,012 Stapled Securities	38,012
10/17/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan	124.22	169 Stapled Securities	169

		Stanley Purchase of			
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitiy controlled by Morgan Stanley	113.22	153 Stapled Securities	153
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	139,345.80	189,200 Stapled Securities	189,200
10/17/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	447.00	-600 Stapled Securities	-600
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,279.24	3,101 Stapled Securities	3,101
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	897.84	1,247 Stapled Securities	1,247
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,629.80	2,248 Stapled Securities	2,248
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,974.96	15,243 Stapled Securities	15,243
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	709.92	986 Stapled Securities	986
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	172.92	241 Stapled Securities	241
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,784.00	3,840 Stapled Securities	3,840
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	8,876.16 ,	12,328 Stapled Securities	12,328
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,866.82	21,961 Stapled Securities	21,961
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,173.78	1,619 Stapled Securities	1,619
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	74,127.63	102,245 Stapled Securities	102,245
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	871.71	1,186 Stapled Securities	1,186
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	18,045.25	24,890 Stapled Securities	24,890
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	897.01	1,233 Stapled Securities	1,233
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	446.40	620 Stapled Securities	620

•		entitiy controlled by Morgan Stanley			
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	1,211.07	1,659 Stapled Securities	1,659
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	635.10	870 Stapled Securities	870
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,720.57	5,062 Stapled Securities	5.062
10/18/2017	Mitsubishì UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,299.60	4,520 Stapled Securities	4,520
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,086.64	1,504 Stapled Securities	1,504
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	31,584.24	43,867 Stapled Securities	43,867
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,050.65	2,790 Stapled Securities	2,790
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,717.06	3,722 Stapled Securities	3,722
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	424.10	577 Stapled Securities	577
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	531.44	728 Stapled Securities	728
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,114.73	9,916 Stapled Securities	9,916
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	28,108.25	38,770 Stapled Securities	38,770
10/18/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	305,270.64	423,987 Stapled Securities	423,987
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entilly controlled by Morgan Stanley	271.95	370 Stapled Securities	370
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,583.53	3,515 Stapled Securities	3,515
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securilies by an entitly controlled by Morgan Stanley	3,751.70	5,200 Stapled Securities	5,200
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	135,196.88	187,487 Stapled Securities	187,487

10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	12,707.43	17,513 Stapled Securities	17,513
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	298.00	-400 Stapled Securities	-400
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,237.74	-8,401 Stapled Securities	-8,401
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,218.85	-15,212 Stapled Securities	-15,212
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	964.50	-1,286 Stapled Securities	-1,286
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12,324.54	-16,543 Stapled Securities	-16,543
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	258.64	-346 Stapled Securities	-346
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2;804.93	-3,765 Stapled Securities	-3,765
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,076.92	-4,158 Stapled Securities	-4,158
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,594.66	-6,209 Stapled Securities	-6,209
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	5,318.53	-7,163 Stapled Securities	-7,163
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,328.29	-3,157 Stapled Securities	-3,157
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity confrolled by Morgan Stanley	2,493.12	-3,392 Stapled Securities	-3,392
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,196.06	-4,319 Stapled Securities	- 4,3 19
10/18/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	16,597.11	-22,278 Stapled Securities	-22,278
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,981.28	4,070 Stapled Securities	4,070
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	35,926.80	48,880 Stapled Securities	48,880
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,468.80	2,040 Stapled Securities	2,040
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitity controlled by Morgan Stanley	6,660.00	9,250 Stapled Securities	9,250
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	152.98	211 Stapled Securities	211
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	88,939.55	121,835 Stapled Securities	121,835

10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	825.84	1,147 Stapled Securilies	1,147
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,436.40	1,995 Stapled Securities	1,995
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,380.63	4,631 Stapled Securities	4,631
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,324.96	4,618 Stapled Securities	4,618
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	46.40	64 Stapled Securities	64
10/19/2017	Mitsubishi UFJ Financiał Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	33,602.63	46,031 Stapled Securities	46,031
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	33,799.73	46,301 Stapled Securities	46,301
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,206.06	3,022 Stapled Securities	3,022
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	3,117.52	4,256 Stapled Securities	4,256
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,011.36	22,238 Stapled Securities	22,238
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	901.11	1,226 Stapled Securities	1,226
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	90,065.39	124,900 Stapled Securities	124,900
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	91,824.05	127,406 Stapled Securities	127,406
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	21,425.85	29,500 Stapled Securities	29,500
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,442,800.00	2,000,000 Stapled Securities	2,000,000
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	16,990.56	23,598 Stapled Securities	23,598
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,410.46	3,302 Stapled Securities	3,302
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled	275.94	378 Stapled Securities	378

		by Morgan Stanley			
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	191.92	262 Stapled Securities	262
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	106,550.80	145,960 Stapled Securities	145,960
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,811.96	3,852 Stapled Securities	3,852
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,298.04	3,148 Stapled Securities	3,148
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	1,098.92	1,521 Stapled Securities	1,521
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,229.36	22,232 Stapled Securities	22,232
0/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,465.20	14,535 Stapled Securities	14,535
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,415.47	1,939 Stapled Securities	1,939
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	7,030.54	9,598 Stapled Securities	9,598
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	442.80	615 Stapled Securilies	615
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	14,501.30	-19,797 Stapled Securities	-19,797
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,000.79	-1,357 Stapled Securities	-1,357
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	210.23	-287 Stapled Securities	-287
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	10,421.57	-14,179 Stapled Securities	-14,179
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	4,457.78	-6,065 Stapled Securities	-6,065
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,447.42	-1,976 Stapled Securities	-1,976
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entily controlled by Morgan Stanley	24,159.45	-32,870 Stapled Securities	-32,870
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	391.76	-533 Stapled Securities	-533
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	987.16	-1,334 Stapled Securities	-1,334
10/19/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity	20,206.03	-27,398 Stapled Securities	-27,398

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		controlled by Morgan Stanley			
10/19/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	319.68	-432 Stapled Securities	-432
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	67,019.03	92,300 Stapled Securities	92,300
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	127,903.95	176,243 Stapled Securities	176,243
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	10,175.20	14,000 Stapled Securities	14,000
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	103.31	142 Stapled Securities	142
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	70.33	97 Stapled Securities	97
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	89.79	123 Stapled Securities	123
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entiliy controlled by Morgan Stanley	17,852.12	24,539 Stapled Securities	24,539
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	485.45	665 Stapled Securities	665
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	4,676.98	6,451 Stapled Securities	6,451
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	26,715.53	36,849 Stapled Securities	36,849
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	540.20	740 Stapled Securities	740
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	16,505.30	22,610 Stapled Securities	22,610
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,528.30	2,108 Stapled Securities	2,108
10/20/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2,263.73	3,101 Stapled Securities	3,101
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	1,140.26	1,562 Stapled Securities	1,562
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	6,436.61	11,557 Stapled Securities	11,557
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an	79.75	110 Stapled Securities	110

	·	entitiy controlled by Morgan			
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Stanley Purchase of securities by an entitiy controlled by Morgan Stanley	1,818.30	2,508 Stapled Securities	2,508
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	344.11	473 Stapled Securities	473
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	576.00	-800 Stapled Securities	-800
10/20/2017	Milsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	871.71	-1,186 Stapled Securities	-1,186
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	11,421.36	-15,863 Stapled Securities	-15,863
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	7,287.65	-10,157 Stapled Securities	-10,157
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,011.15	-2,774 Stapled Securities	-2,774
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	13,951.44	-19,377 Stapled Securities	-19,377
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	150.38	-206 Stapled Securities	-206
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,154.93	-1,593 Stapled Securities	-1,593
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	19,219.03	-26,509 Stapled Securities	-26,509
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	897.01	-1,233 Stapled Securities	-1,233
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,086.64	-1,504 Stapled Securities	-1,504
10/20/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	2,717.06	-3,722 Stapled Securities	-3,722
10/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	2.91	4 Stapled Securities	4
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	15,118.30	20,710 Stapled Securities	20,710
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,164.75	7,075 Stapled Securities	7,075
10/23/2017	Milsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	14,405.75	19,870 Stapled Securities	19,870
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,819.08	6,647 Stapled Securities	6,647
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitly controlled by Morgan Stanley	3,805.83	5,178 Stapled Securities	5,178

10/23/2017	Mitsubishi UFJ Financial Group, Inc.	securities by an entitly controlled by Morgan Stanley	18,202.28	24,7	65 Stapled Securities	24,765
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	5,153.07	7,05	9 Stapled Securities	7,059
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	20,281.15	27,9	74 Stapled Securilies	27,974
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,339.85	5,98	6 Stapled Securities	5,986
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,996.60	4,07	7 Stapled Securities	4,077
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	4,443,525.00	6,12	9,000 Stapled Securities	6,129,
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Purchase of securities by an entitiy controlled by Morgan Stanley	2,352.06	3,22	2 Stapled Securities	3,222
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,098.92	-1,5	21 Stapled Securities	-1,521
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,695.01	-2,3	14 Stapled Securities	-2,314
10/23/2017	Mitsubishì UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	38,303.83	-52,	471 Stapled Securities	-52,47
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,917.90	-5,4	04 Stapled Securities	-5,404
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	12,850.92	-17,	604 Stapled Securities	-17,60
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	1,649.52	-2,2	91 Stapled Securities	-2,291
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	46.40	-64	Stapled Securities	-64
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	3,117.52	-4,2	56 Stapled Securities	-4,256
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	6,660.00	-9,2	50 Stapled Securities	-9,250
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley	27,280.10	-37	370 Stapled Securities	-37,37
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	Sale of securities by an entity controlled by Morgan Stanley Sale of securities	7,838.74	-10,	738 Stapled Securities	-10,73
10/23/2017	Mitsubishi UFJ Financial Group, Inc.	by an entity controlled by Morgan Stanley	2,939.76	-4,0	B3 Stapled Securities	-4,083

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Mitsubishi UFJ Financlal Group, Inc	Morgan Stanley Australia Securities (Nominee) Ply Limited	Not Applicable	Relevant interest in securities that Morgan Stanley Australia Securities Limited has a relevant interest in under section 608(3) of the Corporations Act as Mitsubishi UFJ Financial Group, Inc. has voting power of over 20% in Morgan Stanley Inc.	6,657,745 Stapled Securities	6,657,745
Mitsubishi UFJ Financial Group, Inc	HSBC Custody Nominees (Australia) Limited	Not Applicable	Relevant interest in securities that Morgan Stanley Australia Securities Limited has a relevant interest in under section 608(3) of the Corporations Act as Mitsubishi UFJ Financial Group, Inc. has voting power of over 20% in Morgan Stanley Inc.	46,265,650 Stapled Securities	46,265,650
Mitsubishi UFJ Financial Group, Inc	Unknown	Not Applicable	Relevant interest in securities that Morgan Stanley Australia Securities Limited has a relevant interest in under section 608(3) of the Corporations Act as Mitsubishi UFJ Financial Group, Inc. has voting power of over 20% in Morgan Stanley Inc.	12,760,192 Stapled Securities	12,760,192
Mitsubishi UFJ Financial Group, Inc	Unknown	Not Applicable	Relevant interest in securities that Morgan Stanley Australia Securities Limited has a relevant interest in under section 608(3) of the Corporations Act as Mitsubishi UFJ Financial Group, Inc. has voting power of over 20% in Morgan Stanley Inc.	1,877,715 Stapled Securities	1,877,715

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Not applicable	Not applicable

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
1-11	2-7-1, Marunouchi, Chiyoda-Ku, Tokyo 100-8330, Japan

Signatur	·e
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print name	Hikaru Umehara	capacity	Chief Manager
sign here	W Umehara	date	26 October 2017

Annexure A

This is Annexure A referred to in the Form 604: Notice of change of interests of substantial holder. The following is description of the securities lending agreements referenced in the accompanying Form 604.

Schedule	
Type of Agreement	Rahmenvertrag - German Master Agreement for Securities Loan Transactions
Parties to agreement	Morgan Stanley & Co. International plc and DEUTSCHE ASSET MANAGEMENT INVESTMENT GMBH
Transfer Date	20171002; 20171003; 20171004; 20171005; 20171006; 20171009; 20171010; 20171011; 20171012; 20171013; 20171016; 20171017; 20171018; 20171019; 20171020; 20171023;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/ No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes /No
If yes, detail Either party may terminate a Loan by notice given provided that the notice must be received by the recipient not la	to the other party. The borrower must give notice of at least 1 Banking Day, ater than 3pm local time on a Banking Day.
Does the lender have the right to recall early?	Yes /No
If yes, detail Either party may terminate a Loan by notice given provided that the notice must be received by the recipient not la	to the other party. The lender must give notice of at least three Banking Days ster than 3pm local time on a Banking Day.
Will the securities be returned on settlement?	Yes /No
lender, the lender may purchase securities of the same type, qua	e loaned securities on the due date, and fails to redeliver upon notice of default by ality and amount for the account of the defaulting party and the non-defaulting party. In the event the lender exercises such rights, the Borrower's obligation to lternatively, upon insolvency of either party, the agreement will 'end without

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and ABN AMRO CLEARING BANK NV
Transfer Date	20170629;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/ No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes /No
If yes, detail The Borrower is entitled at any time to terminat Lender in accordance with the Lender's instructions.	e a Loan and to redeliver all and any Equivalent Securities due and outstanding to the
Does the lender have the right to recall early?	Yes/No
If yes, detail The Lender is entitled to terminate a Loan and to	o call for the redelivery of all or any Equivalent Securities at any time by giving notice
on any Business Day of not less than the standard settlement	time for such Equivalent Securities on the exchange or in the clearing organisation
through which the Loaned Securities were originally delivered	
Will the securities be returned on settlement?	Yes /No
If yes, detail any exceptions If the Borrower does not redelive	er Equivalent Securities in accordance with the Agreement, the Lender may by
written notice to Borrower terminate the Loan forthwith and	the Parties' delivery and payment obligations in respect thereof.

Schedule		
Type of Agreement	Global Master Securities Lending Agreement	
Parties to agreement	Morgan Stanley & Co. International plc and DEUTSCHE ASSET MANAGEMENT INVESTMENT GMBH	
Transfer Date	20171018; 20171019; 20171020; 20171023;	
Holder of Voting Rights	Borrower	
Are there any restrictions on voting rights?	Yes/ No	
If yes, detail Not applicable		
Scheduled Return Date (if any)	Open	

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Does the borrower have the right to return early?	Yes/No
If yes, detail The Borrower is entitled at any time to terminate Lender in accordance with the Lender's instructions.	a Loan and to redeliver all and any Equivalent Securities due and outstanding to the
Does the lender have the right to recall early?	Yes /No
If yes, detail The Lender is entitled to terminate a Loan and to on any Business Day of not less than the standard settlement ti through which the Loaned Securities were originally delivered.	call for the redelivery of all or any Equivalent Securities at any time by giving notice ime for such Equivalent Securities on the exchange or in the clearing organisation
Will the securities be returned on settlement?	Yes /No
If yes, detail any exceptions of the Borrower does not redelived written notice to Borrower terminate the Loan forthwith and the	r Equivalent Securities in accordance with the Agreement, the Lender may by he Parties' delivery and payment obligations in respect thereof

Schedule		
Type of Agreement	Customer Prime Broker Account Agreement	
Parties to agreement	Morgan Stanley & Co. LLC on behalf of all Morgan Stanley entities and AJO, LP	
Transfer Date	20170609; 20170616; 20170619; 20170620; 20170627; 20170629; 20170630; 20170704; 20170710; 20170711; 20170718; 20170725; 20170726; 20170804; 20170908; 20170922; 20170929; 20171003;	
Holder of Voting Rights	Shares are used to settle customer's short sales. Voting rights are held by third party purchaser.	
Are there any restrictions on voting rights?	No	
If yes, detail Not applicable	<u> </u>	
Scheduled Return Date (if any)	Open	
Does the borrower have the right to return early?	Yes	
If yes, detail The borrower may return shares to the lender at a	any time.	
Does the lender have the right to recall early?	Yes	
If yes, detail The lender may recall shares from the borrower a	t any time.	
Will the securities be returned on settlement?	Yes	
Default, Morgan Stanley has the right to set off obligations owe	, customer will return the securities to the prime broker. Upon a customer Event o d to the customer against obligations of the customer to Morgan Stanley and to closeout amount. In such a default scenario, the shares may not be returned to	
The state of the s	to see a mount in such a default seenand, the shares may not be returned to	

The above schedules are based on the relevant standard agreements. The entity filing the report will, if requested by the company or responsible entity to whom the prescribed form must be given or ASIC, give a copy of the agreement to the company, responsible entity or ASIC.

Signature

the prime broker.

print name	Hikaru Umehara	capacity	Chief Manager
sign here	N. Umehara	date	26 October 2017