

Form 605

Corporations Act 2001

Section 671B

Notice of ceasing to be a substantial holderTo Company Name/Scheme Whitehaven Coal Limited (WHC)ACN/ARSN 168 124 425 396**1. Details of substantial holder (1)**Name Manning & Napier Advisors, LLC and its affiliates, Manning & Napier Fund, Inc. and Exeter Trust Company.

ACN/ARSN (if applicable) _____

The holder ceased to be a substantial holder on

20/01/2016

The previous notice was given to the company on

22/01/2015

The previous notice was dated

21/01/2015

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) 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 (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
20/01/2016	Manning & Napier Advisors, LLC, Manning & Napier Fund, Inc. and Exeter Trust Company	On-market disposition - See Annexure A	See Annexure A	16,235,944 Ordinary Shares	16,235,944

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) 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
N/A	N/A

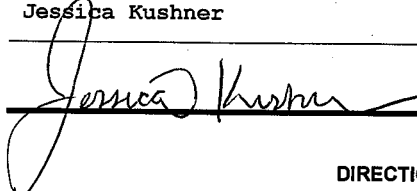
4. Addresses

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

Name	Address
Manning & Napier Advisors, LLC	290 Woodcliff Drive, Fairport NY, 14450 USA
Manning & Napier Fund, Inc.	290 Woodcliff Drive, Fairport NY, 14450 USA
Exeter Trust Company	290 Woodcliff Drive, Fairport NY, 14450 USA

Signature

print name Jessica Kushner capacity Chief Compliance Officer

sign here  date 21/01/2016

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (5) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

Annexure A to Form 605

This is Annexure A of [1] page referred to in Form 604 – Notice of change of interests of substantial shareholder

Whitehaven Coal Limited (ACN 124 425 396)
21 January, 2016

<u>Holder of relevant interest</u>	<u>Date of Acquisition</u>	<u>Consideration (cash)</u>	<u>Number of ordinary shares</u>
*See attached spreadsheet			

Signed:



Date:

21/01/2016

Holder of Relevant Interest	Date of Change	Nature of Change	Consideration (cash)	Number of Ordinary Shares
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$ 19,090.38	19,160
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 5,706.65	4,490
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 3,609.55	2,840
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 3,139.29	2,470
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 4,931.36	3,880
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 5,668.51	4,460
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$ 3,067.70	2,740
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$ 4,039.23	5,750
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 2,191.94	5,600
Manning & Napier Advisors, LLC.	2/9/2015	SELL	\$ 6,473.38	5,940
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$ 257.68	234
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$ 10,754.02	9,766
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$ 5,924.30	5,380
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$ 8,203.72	7,450
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$ 13,775.63	12,510
Manning & Napier Advisors, LLC.	6/16/2015	SELL	\$ 6,687.08	6,060
Manning & Napier Advisors, LLC.	6/16/2015	SELL	\$ 12,899.68	11,690
Manning & Napier Advisors, LLC.	6/16/2015	SELL	\$ 10,780.99	9,770
Manning & Napier Advisors, LLC.	6/16/2015	SELL	\$ 8,651.28	7,840
Manning & Napier Advisors, LLC.	8/12/2015	BUY	\$ 82,877.21	78,850
Manning & Napier Advisors, LLC.	12/14/2015	BUY	\$ 104,678.29	159,640
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,290.85	4,495
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,314.29	4,541
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,347.42	4,606
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,364.74	4,640
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,213.89	4,344
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,988.55	5,864
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,301.04	4,515
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,343.34	4,598
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,393.28	4,696
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,392.77	4,695
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,444.25	4,796
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,408.06	4,725
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,396.34	4,702
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 3,756.07	7,370
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,377.48	4,665
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,336.71	4,585
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 169.71	333
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 5,463.37	10,720
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 10,605.67	20,810
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 36,021.57	70,680
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 6,589.68	12,930
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 16,387.57	32,155
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 9,960.98	19,545
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$ 7,405.63	4,495
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$ 7,481.41	4,541
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$ 7,588.50	4,606
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$ 7,395.74	4,489
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$ 4,644.37	2,819
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$ 2,500.32	1,525
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$ 7,317.32	4,463

Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	7,402.58	4,515
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	10,886.63	6,640
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	2,470.81	1,507
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	8,812.60	5,375
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	8,943.76	5,455
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	7,722.29	4,710
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	10,575.12	6,450
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	10,116.04	6,170
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	11,657.22	7,110
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	12,132.69	7,400
Manning & Napier Advisors, LLC.	3/3/2015	SELL	\$	24,412.95	14,890
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	1,636.89	1,400
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	1,992.89	1,780
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$	2,019.15	2,560
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$	709.86	900
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$	1,411.83	1,790
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$	1,664.22	2,110
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$	1,403.94	1,780
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$	4,181.48	3,290
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	2,890.39	3,220
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	800.82	1,140
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	469.70	1,200
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	54.80	140
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	399.25	1,020
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	66.54	170
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	6,741.23	7,510
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,718.32	4,390
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$	846.31	1,170
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$	303.81	420
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$	130.20	180
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$	202.53	280
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$	405.07	560
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	1,275.07	1,590
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	417.01	520
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	200.48	250
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	569.37	710
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	809.94	1,010
Manning & Napier Advisors, LLC.	10/23/2015	SELL	\$	2,940.62	3,790
Manning & Napier Advisors, LLC.	10/23/2015	SELL	\$	667.27	860
Manning & Napier Advisors, LLC.	10/23/2015	SELL	\$	1,101.76	1,420
Manning & Napier Advisors, LLC.	10/23/2015	SELL	\$	1,404.36	1,810
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	12,721.02	10,880
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	809.95	1,010
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	6,319.19	7,880
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	13,929.49	17,370
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	7,164.43	8,934
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$	4,263.05	5,316
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	5,249.76	4,490
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	2,887.95	2,470
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$	2,510.67	2,280
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$	2,224.37	2,020
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$	5,307.64	4,820
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$	6,012.39	5,460
Manning & Napier Advisors, LLC.	5/27/2015	SELL	\$	9,326.92	8,470

Manning & Napier Advisors, LLC.	3/23/2015	BUY	\$	1,969.66	1,800
Manning & Napier Advisors, LLC.	6/29/2015	BUY	\$	1,071.79	1,110
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	2,540.31	2,830
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,072.48	2,740
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	743.14	970
Manning & Napier Advisors, LLC.	11/25/2015	BUY	\$	553.72	780
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	673.24	1,720
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	438.15	1,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	824.56	2,710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	295.14	970
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	237.33	780
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	847.26	900
Manning & Napier Advisors, LLC.	10/21/2015	BUY	\$	567.29	770
Manning & Napier Advisors, LLC.	12/3/2015	BUY	\$	3,988.79	6,120
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,107.71	2,830
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	176.14	450
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	35.23	90
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	164.30	540
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	179.52	590
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	273.84	900
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	234.28	770
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,862.12	6,120
Manning & Napier Advisors, LLC.	3/19/2015	BUY	\$	581.69	490
Manning & Napier Advisors, LLC.	6/29/2015	BUY	\$	2,230.49	2,310
Manning & Napier Advisors, LLC.	4/14/2015	BUY	\$	1,185.86	1,050
Manning & Napier Advisors, LLC.	7/2/2015	BUY	\$	620.05	620
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	924.97	3,040
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	182.56	600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	319.48	1,050
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	188.64	620
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	3,032.67	2,870
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	179.64	170
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	887.61	840
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	686.85	650
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	2,715.67	2,570
Manning & Napier Advisors, LLC.	6/24/2015	SELL	\$	1,024.98	970
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,325.38	1,730
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	434.47	1,110
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	912.81	3,000
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	167.35	550
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	337.74	1,110
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	526.39	1,730
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,055.81	3,470
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	76.06	250
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	477.70	1,570
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	833.69	2,740
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	395.55	1,300
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,010.17	3,320
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	292.10	960
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	851.95	2,800
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	505.09	1,660
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,417.32	1,850
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	195.71	500
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	258.33	660

Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	121.71	400
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	416.85	1,370
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	724.16	2,380
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	225.16	740
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	562.90	1,850
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	1,071.61	1,090
Manning & Napier Advisors, LLC.	11/13/2015	BUY	\$	755.39	1,100
Manning & Napier Advisors, LLC.	12/21/2015	BUY	\$	1,320.84	2,710
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	775.01	1,980
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	113.51	290
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	207.45	530
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	348.36	890
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	273.98	700
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	12.17	40
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	331.65	1,090
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	334.69	1,100
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	824.57	2,710
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	619.46	630
Manning & Napier Advisors, LLC.	8/11/2015	BUY	\$	9,575.27	11,720
Manning & Napier Advisors, LLC.	12/9/2015	BUY	\$	16,915.95	28,420
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,890.54	4,830
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	195.71	500
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	246.59	630
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	3,918.09	10,010
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	520.30	1,710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	8,647.31	28,420
Manning & Napier Advisors, LLC.	12/4/2015	SELL	\$	1,671.44	2,510
Manning & Napier Advisors, LLC.	12/4/2015	SELL	\$	466.14	700
Manning & Napier Advisors, LLC.	8/17/2015	BUY	\$	29,304.79	36,560
Manning & Napier Advisors, LLC.	12/10/2015	BUY	\$	16,192.00	26,880
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	4,391.70	11,220
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	485.36	1,240
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	5,180.40	13,235
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	371.83	1,045
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	6,779.10	22,280
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,113.58	10,233
Manning & Napier Advisors, LLC.	3/12/2015	SELL	\$	2,855.72	2,280
Manning & Napier Advisors, LLC.	3/12/2015	SELL	\$	3,244.00	2,590
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	4,954.95	5,520
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	191.80	490
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,002.03	2,560
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	344.44	880
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,192.73	3,920
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,345.91	7,710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,679.56	5,520
Manning & Napier Advisors, LLC.	6/9/2015	BUY	\$	973.89	930
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,317.73	1,720
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	485.35	1,240
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	344.09	350
Manning & Napier Advisors, LLC.	5/18/2015	SELL	\$	691.50	580
Manning & Napier Advisors, LLC.	6/30/2015	BUY	\$	2,017.26	2,060
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	523.34	1,720
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	365.12	1,200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	106.49	350

Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	626.80	2,060
Manning & Napier Advisors, LLC.	2/12/2015	BUY	\$	2,606.54	2,260
Manning & Napier Advisors, LLC.	5/28/2015	BUY	\$	1,888.27	1,710
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	3,049.15	3,980
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	3,912.13	8,040
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,129.32	5,440
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	567.56	1,450
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	884.60	2,260
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	399.25	1,020
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,792.14	5,890
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	675.48	2,220
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	875.31	1,210
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	243.69	820
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	687.22	730
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	891.51	2,930
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	76.06	250
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	340.78	1,120
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	222.12	730
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	2,683.98	3,760
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	857.20	2,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,411.80	4,640
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,144.05	3,760
Manning & Napier Advisors, LLC.	2/6/2015	SELL	\$	576.11	500
Manning & Napier Advisors, LLC.	3/26/2015	BUY	\$	2,865.73	2,560
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,560.90	5,130
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	778.93	2,560
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,018.51	1,410
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	104.11	350
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	145.75	490
Manning & Napier Advisors, LLC.	4/24/2015	BUY	\$	2,566.08	1,950
Manning & Napier Advisors, LLC.	8/10/2015	BUY	\$	2,263.44	2,780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,320.52	4,340
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	593.32	1,950
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	845.87	2,780
Manning & Napier Advisors, LLC.	1/23/2015	BUY	\$	4,684.06	4,630
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,408.76	4,630
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	4,932.01	4,950
Manning & Napier Advisors, LLC.	7/10/2015	BUY	\$	1,834.63	2,010
Manning & Napier Advisors, LLC.	11/13/2015	BUY	\$	2,341.73	3,410
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	923.75	2,360
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,405.72	4,620
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,037.56	3,410
Manning & Napier Advisors, LLC.	7/27/2015	BUY	\$	4,395.20	4,820
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,466.57	4,820
Manning & Napier Advisors, LLC.	2/23/2015	SELL	\$	5,708.35	4,490
Manning & Napier Advisors, LLC.	2/23/2015	SELL	\$	1,601.90	1,260
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	3,411.01	3,800
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	2,502.55	3,510
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	1,219.19	1,710
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	2,046.24	2,870
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	3,058.67	4,290
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	2,709.31	3,800
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	2,109.44	2,350
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	4,637.14	9,530

Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,757.47	4,490
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	313.14	800
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	469.70	1,200
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	978.54	2,500
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	504.92	1,290
Manning & Napier Advisors, LLC.	7/23/2015	SELL	\$	1,521.84	1,610
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	400.65	570
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	709.93	1,010
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	878.62	1,250
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	1,827.53	2,600
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	1,939.99	2,760
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	3,156.00	4,490
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	857.54	1,220
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	892.68	1,270
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	1,897.82	2,700
Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	1,665.86	2,370
Manning & Napier Advisors, LLC.	12/9/2015	SELL	\$	1,562.53	2,610
Manning & Napier Advisors, LLC.	12/9/2015	SELL	\$	987.80	1,650
Manning & Napier Advisors, LLC.	12/9/2015	SELL	\$	1,299.11	2,170
Manning & Napier Advisors, LLC.	12/9/2015	SELL	\$	1,580.49	2,640
Manning & Napier Advisors, LLC.	2/24/2015	SELL	\$	4,923.57	3,900
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,308.35	4,300
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,067.98	3,510
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	903.68	2,970
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,551.77	5,100
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,089.28	3,580
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$	576.04	570
Manning & Napier Advisors, LLC.	6/18/2015	BUY	\$	1,533.59	1,380
Manning & Napier Advisors, LLC.	8/6/2015	BUY	\$	1,710.00	2,000
Manning & Napier Advisors, LLC.	11/20/2015	BUY	\$	4,100.76	5,400
Manning & Napier Advisors, LLC.	12/21/2015	BUY	\$	3,563.36	7,290
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	33.91	110
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	653.58	2,120
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	157.23	510
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	388.45	1,260
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	277.47	900
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	246.63	800
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	175.73	570
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	425.45	1,380
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	616.59	2,000
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	351.46	1,140
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	432.28	610
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	200.09	690
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	289.05	950
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	91.28	300
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	21.30	70
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	100.41	330
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	124.75	410
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	216.03	710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	33.47	110
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	30.43	100
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	88.24	290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	155.17	510
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	11,727.23	11,770

Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	27,943.41	31,130
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	3,582.65	9,153
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,895.31	7,397
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,154.22	7,080
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,740.42	5,720
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,933.15	9,640
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,064.90	10,073
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	5,285.15	7,870
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	227.13	330
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	4,659.60	6,770
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	1,830.81	2,660
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	1,658.74	2,410
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	3,186.70	4,630
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	3,661.61	5,320
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$	5,416.70	7,870
Manning & Napier Advisors, LLC.	12/16/2015	BUY	\$	23,932.92	50,440
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	9,241.36	23,610
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	8,163.52	26,830
Manning & Napier Advisors, LLC.	6/2/2015	BUY	\$	5,747.41	4,980
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	14,100.01	19,690
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	3,813.59	12,370
Manning & Napier Advisors, LLC.	2/26/2015	SELL	\$	4,329.52	3,520
Manning & Napier Advisors, LLC.	6/2/2015	BUY	\$	2,504.40	2,170
Manning & Napier Advisors, LLC.	12/9/2015	BUY	\$	12,335.85	19,750
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	767.65	2,490
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	517.94	1,680
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	675.16	2,190
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	1,479.81	4,800
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	779.99	2,530
Manning & Napier Advisors, LLC.	6/2/2015	BUY	\$	4,801.06	4,160
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	14,150.14	19,760
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	3,829.01	12,420
Manning & Napier Advisors, LLC.	8/6/2015	BUY	\$	299.25	350
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	128.90	180
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	104.81	340
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	27,277.15	27,290
Manning & Napier Advisors, LLC.	1/18/2016	SELL	\$	8,084.28	18,410
Manning & Napier Advisors, LLC.	11/20/2015	BUY	\$	38,846.08	37,380
Manning & Napier Advisors, LLC.	1/18/2016	SELL	\$	8,461.92	19,270
Manning & Napier Advisors, LLC.	1/18/2016	SELL	\$	1,106.59	2,520
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	4,891.20	3,842
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	5,714.89	4,489
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	5,530.29	4,344
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	5,681.79	4,463
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	5,247.67	4,122
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	4,634.04	3,640
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	6,620.06	5,200
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	6,951.06	5,460
Manning & Napier Advisors, LLC.	2/2/2015	SELL	\$	4,723.15	3,710
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	137,276.90	213,528
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	130,350.11	203,070
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	31,587.92	47,200
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	19,725.40	27,960
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	6,958.38	10,362

Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$	4,779.80	7,220
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,514.07	4,933
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	9,129.74	17,914
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,723.13	15,154
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,638.72	22,837
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,185.70	8,213
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,584.16	10,957
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,733.99	11,251
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,201.68	16,093
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,444.25	4,796
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,408.06	4,725
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,682.76	5,264
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,709.53	11,203
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,949.49	13,636
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,392.26	4,694
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,789.71	7,436
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,505.91	4,917
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,323.89	6,522
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,326.95	6,528
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,327.46	6,529
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,351.41	6,576
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,365.68	6,604
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,392.69	6,657
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,425.82	6,722
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,439.07	6,748
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,439.50	8,711
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	24,702.40	48,470
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	12,899.06	25,310
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	19,222.21	37,717
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	10,671.92	20,940
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,527.00	12,807
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,863.28	15,429
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	21,808.13	42,791
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,963.68	15,626
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,873.32	7,600
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	3,951.06	8,120
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,401.28	3,580
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	266.16	680
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	700.63	1,790
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	360.11	920
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	149.09	490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,470.66	8,120
Manning & Napier Advisors, LLC.	3/4/2015	BUY	\$	23,995.86	17,610
Manning & Napier Advisors, LLC.	6/18/2015	BUY	\$	13,983.76	12,220
Manning & Napier Advisors, LLC.	7/29/2015	BUY	\$	9,739.34	10,700
Manning & Napier Advisors, LLC.	6/19/2015	BUY	\$	3,223.91	2,820
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	7,298.27	8,070
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$	19,975.25	28,530
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	35,741.65	73,720
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	3,125.78	10,390
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	905.54	3,010
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	722.03	2,400
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	2,821.93	9,380
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	848.38	2,820

Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	2,427.82	8,070
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	23,872.06	79,350
Manning & Napier Advisors, LLC.	8/17/2015	BUY	\$	735.00	900
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	172.70	580
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	4,704.25	3,950
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	6,414.44	7,090
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	1,046.01	3,620
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	447.88	1,550
Manning & Napier Advisors, LLC.	5/22/2015	SELL	\$	1,077.97	960
Manning & Napier Advisors, LLC.	5/22/2015	SELL	\$	1,010.59	900
Manning & Napier Advisors, LLC.	5/22/2015	SELL	\$	1,740.46	1,550
Manning & Napier Advisors, LLC.	5/22/2015	SELL	\$	2,762.28	2,460
Manning & Napier Advisors, LLC.	5/14/2015	BUY	\$	7,196.51	5,820
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	2,221.67	1,980
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	1,739.33	2,590
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	818.06	2,090
Manning & Napier Advisors, LLC.	1/22/2015	BUY	\$	170,638.59	141,620
Manning & Napier Advisors, LLC.	4/7/2015	BUY	\$	160,842.62	112,040
Manning & Napier Advisors, LLC.	8/12/2015	BUY	\$	477,051.07	453,870
Manning & Napier Advisors, LLC.	8/13/2015	BUY	\$	181,093.68	166,350
Manning & Napier Advisors, LLC.	12/17/2015	BUY	\$	282,220.30	415,060
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	9,044.12	17,746
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,277.86	10,356
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,797.97	17,263
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	13,192.11	25,885
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,160.16	21,898
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	16,818.22	33,000
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,047.93	11,867
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,069.18	15,833
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	15,223.04	29,870
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,285.78	16,258
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,851.75	23,255
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,372.31	6,617
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,828.52	5,550
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,916.10	7,684
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,333.68	16,352
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	10,143.93	19,904
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,295.35	6,466
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,551.03	10,892
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,505.91	4,917
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,992.46	9,796
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,997.05	9,805
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,997.56	9,806
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,033.23	9,876
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,054.64	9,918
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,095.92	9,999
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,145.87	10,097
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,165.74	10,136
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,668.17	13,084
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	49,134.68	96,410
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	14,137.50	27,740
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	49,430.27	96,990
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	23,377.32	45,870
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	42,071.03	82,550

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	26,572.79	52,140
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	72,175.64	141,620
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	57,100.40	112,040
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	19,641.65	38,540
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	301.25	320
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	331.65	1,090
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	194.73	640
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	60.86	200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	118.66	390
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	97.36	320
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	9,565.25	13,400
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,894.46	4,840
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,593.07	4,070
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$	406.83	430
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	54,209.59	43,060
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,646.68	4,495
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,704.46	4,541
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,786.12	4,606
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	7,161.67	5,701
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	6,057.46	4,822
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	9,128.90	7,267
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,671.80	4,515
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,776.07	4,598
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,899.18	4,696
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	5,897.92	4,695
Manning & Napier Advisors, LLC.	1/30/2015	SELL	\$	3,346.54	2,664
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	3,512.52	2,132
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	7,784.56	4,725
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	7,746.66	4,702
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	7,685.70	4,665
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	7,553.90	4,585
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	7,733.48	4,694
Manning & Napier Advisors, LLC.	2/19/2015	SELL	\$	6,519.27	3,957
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	66,440.94	46,810
Manning & Napier Advisors, LLC.	6/23/2015	BUY	\$	38,041.47	27,260
Manning & Napier Advisors, LLC.	7/13/2015	BUY	\$	58,790.55	49,930
Manning & Napier Advisors, LLC.	8/6/2015	BUY	\$	39,029.85	34,320
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,806.11	2,510
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	545.63	1,800
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,619.95	2,250
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	462.44	1,530
Manning & Napier Advisors, LLC.	7/31/2015	BUY	\$	1,306.53	1,430
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	262.18	880
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$	133,658.79	104,310
Manning & Napier Advisors, LLC.	6/26/2015	BUY	\$	65,716.40	50,660
Manning & Napier Advisors, LLC.	7/28/2015	BUY	\$	87,003.46	72,100
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	79,283.04	79,980
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	71,993.74	111,983
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	68,361.43	106,499
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	16,566.26	24,754
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	13,360.71	19,423
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	3,147.05	4,461
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,899.20	9,613
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,858.59	5,609

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,765.67	9,351
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,145.70	14,021
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,045.39	11,862
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	9,109.87	17,875
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,275.99	6,428
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,371.21	8,577
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,488.43	8,807
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,419.97	12,597
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,444.25	4,796
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,408.06	4,725
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,396.34	4,702
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,322.79	8,482
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,261.55	10,324
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,392.26	4,694
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,810.68	5,515
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,505.91	4,917
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,487.57	4,881
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,441.19	4,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,492.15	4,890
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,522.73	4,950
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,391.24	4,692
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,495.72	4,897
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,441.19	4,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,447.82	4,803
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,916.18	5,722
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	19,075.94	37,430
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,500.93	14,718
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,094.15	15,882
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	29,829.40	58,530
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	20,874.98	40,960
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	53,160.86	104,310
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,151.80	2,260
Manning & Napier Advisors, LLC.	3/4/2015	SELL	\$	1,308.72	990
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,620.38	2,270
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	105.69	270
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	493.18	1,260
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$	536.37	570
Manning & Napier Advisors, LLC.	11/30/2015	SELL	\$	1,344.05	1,990
Manning & Napier Advisors, LLC.	11/30/2015	SELL	\$	486.29	720
Manning & Napier Advisors, LLC.	11/30/2015	SELL	\$	290.42	430
Manning & Napier Advisors, LLC.	11/30/2015	SELL	\$	675.40	1,000
Manning & Napier Advisors, LLC.	11/30/2015	SELL	\$	384.97	570
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$	2,364.81	2,340
Manning & Napier Advisors, LLC.	2/13/2015	SELL	\$	4,501.71	3,660
Manning & Napier Advisors, LLC.	3/23/2015	BUY	\$	1,160.00	1,000
Manning & Napier Advisors, LLC.	9/30/2015	BUY	\$	1,885.03	2,860
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	532.26	780
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	668.74	980
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,262.42	1,850
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	600.50	880
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	736.98	1,080
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	962.17	1,410
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,596.79	2,340
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	682.39	1,000

Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,951.62	2,860
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	4,878.19	4,490
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	7,387.91	6,800
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	3,009.48	2,770
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	4,237.18	3,900
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	2,553.17	2,350
Manning & Napier Advisors, LLC.	2/5/2015	SELL	\$	4,204.59	3,870
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	3,055.51	4,490
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	95.27	140
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	564.82	830
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	592.04	870
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	632.88	930
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	1,231.73	1,810
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,430.84	1,990
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	413.02	1,360
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	3,201.27	4,490
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	1,482.99	2,080
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	855.57	1,200
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	2,245.87	3,150
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$	2,195.97	3,080
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	1,473.20	1,260
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	2,116.04	1,890
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	606.52	800
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	583.78	770
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	909.79	1,200
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	1,789.25	2,360
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	652.01	860
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	1,106.91	1,460
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$	1,432.92	1,890
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	939.11	1,380
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	170.13	250
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	88.46	130
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	197.35	290
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	306.23	450
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	224.57	330
Manning & Napier Advisors, LLC.	9/28/2015	SELL	\$	2,374.25	3,390
Manning & Napier Advisors, LLC.	9/28/2015	SELL	\$	427.22	610
Manning & Napier Advisors, LLC.	9/28/2015	SELL	\$	1,183.62	1,690
Manning & Napier Advisors, LLC.	9/28/2015	SELL	\$	1,050.56	1,500
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	7,395.59	9,741
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	11,698.86	15,409
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	4,418.67	5,820
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	8,844.94	11,650
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	6,710.01	8,838
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	2,066.61	2,722
Manning & Napier Advisors, LLC.	2/6/2015	SELL	\$	1,025.49	890
Manning & Napier Advisors, LLC.	7/16/2015	BUY	\$	1,007.45	1,080
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,363.41	1,910
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	1,274.42	2,770
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	414.07	900
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	358.86	780
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	469.28	1,020
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	938.56	2,040
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	496.88	1,080

Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	878.75	1,910
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$	43,749.11	37,300
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$	13,863.66	11,820
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$	10,802.40	9,210
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	1,484.90	1,270
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	2,194.42	1,960
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	3,527.73	7,250
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	798.49	2,040
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	391.42	1,000
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	782.83	2,000
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	677.15	1,730
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	129.17	330
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	2,468.49	2,750
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	3,055.51	4,490
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	381.08	560
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	775.78	1,140
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	1,544.77	2,270
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	1,565.18	2,300
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$	1,871.42	2,750
Manning & Napier Advisors, LLC.	2/3/2015	BUY	\$	292.35	260
Manning & Napier Advisors, LLC.	9/30/2015	BUY	\$	992.43	1,530
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,808.19	2,640
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	452.05	660
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	671.22	980
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	630.13	920
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	178.08	260
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,047.93	1,530
Manning & Napier Advisors, LLC.	2/19/2015	BUY	\$	1,333.55	1,030
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	3,796.99	4,230
Manning & Napier Advisors, LLC.	10/1/2015	BUY	\$	4,353.64	6,710
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,757.47	4,490
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,326.90	3,390
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$	798.53	870
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$	1,784.67	2,790
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$	319.83	500
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$	889.14	1,390
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$	805.98	1,260
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$	556.51	870
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	652.93	860
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	1,222.35	1,610
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	850.33	1,120
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	1,480.49	1,950
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$	2,429.51	3,200
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	1,609.79	1,710
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	2,883.62	4,210
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	513.71	750
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	541.10	790
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	534.26	780
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	945.22	1,380
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	671.24	980
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,171.26	1,710
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	639.03	650
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	1,657.53	2,450
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	297.68	440

Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	304.44	450
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	148.84	220
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	784.79	1,160
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	439.76	650
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	1,749.97	1,780
Manning & Napier Advisors, LLC.	3/12/2015	SELL	\$	1,540.59	1,230
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	2,912.41	4,080
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,080.31	2,760
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	127.79	420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	121.71	400
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	264.71	870
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	742.42	2,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	757.63	2,490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,241.41	4,080
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	1,367.98	1,170
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	3,498.53	7,190
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,182.98	2,850
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	377.73	910
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	655.83	1,580
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	659.98	1,590
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,984.44	7,190
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,784.56	2,500
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	657.58	1,680
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	343.82	1,130
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	149.09	490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	432.06	1,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	307.31	1,010
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	760.68	2,500
Manning & Napier Advisors, LLC.	10/8/2015	SELL	\$	485.83	659
Manning & Napier Advisors, LLC.	10/8/2015	SELL	\$	19,426.36	26,351
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	5,703.46	7,990
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,070.60	5,290
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,734.51	2,410
Manning & Napier Advisors, LLC.	11/27/2015	SELL	\$	1,756.59	2,570
Manning & Napier Advisors, LLC.	11/27/2015	SELL	\$	710.84	1,040
Manning & Napier Advisors, LLC.	11/27/2015	SELL	\$	423.77	620
Manning & Napier Advisors, LLC.	11/27/2015	SELL	\$	1,025.25	1,500
Manning & Napier Advisors, LLC.	11/27/2015	SELL	\$	1,647.24	2,410
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$	356.20	340
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,803.16	2,510
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	459.23	1,510
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	2,981.49	2,550
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	3,325.21	2,970
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	3,118.98	4,440
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	759.35	1,940
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	880.69	2,250
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	598.87	1,530
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	106.49	350
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,092.32	3,590
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,652.17	5,430
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	903.67	2,970
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,350.96	4,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	578.11	1,900
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	185.60	610

Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	133.88	440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	127.79	420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	167.35	550
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	413.81	1,360
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	209.95	690
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	124.75	410
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	109.53	360
Manning & Napier Advisors, LLC.	4/1/2015	SELL	\$	6,075.10	5,720
Manning & Napier Advisors, LLC.	4/1/2015	SELL	\$	3,982.80	3,750
Manning & Napier Advisors, LLC.	4/1/2015	SELL	\$	2,495.89	2,350
Manning & Napier Advisors, LLC.	4/1/2015	SELL	\$	5,140.47	4,840
Manning & Napier Advisors, LLC.	4/1/2015	SELL	\$	8,220.49	7,740
Manning & Napier Advisors, LLC.	3/27/2015	BUY	\$	40,000.97	35,580
Manning & Napier Advisors, LLC.	6/26/2015	BUY	\$	25,174.39	25,120
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	13,030.22	26,073
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	20,630.45	40,105
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	11,169.28	21,852
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	9,890.93	19,311
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	19,993.63	41,383
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$	13,769.28	29,206
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	9,925.95	25,359
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	131.52	336
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	14,152.70	39,775
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,458.56	9,720
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,721.72	13,270
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,703.93	13,220
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,173.46	17,350
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	12,660.04	35,580
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,938.76	13,880
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,419.98	11,240
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	6,874.94	22,595
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	7,360.61	8,200
Manning & Napier Advisors, LLC.	11/25/2015	BUY	\$	83,440.68	117,540
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	10,057.47	25,695
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,085.42	19,913
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,853.04	33,312
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	9,892.68	32,513
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,938.19	6,370
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	453.90	570
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	124.49	560
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	304.77	310
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	467.33	610
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	328.79	840
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	110,131.33	87,480
Manning & Napier Advisors, LLC.	8/12/2015	BUY	\$	116,395.96	110,740
Manning & Napier Advisors, LLC.	12/15/2015	BUY	\$	126,314.59	188,350
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,605.72	7,075
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,314.29	4,541
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,496.66	6,861
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,243.21	10,288
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,435.42	8,703
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,684.48	13,116
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,403.99	4,717
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,207.18	6,293

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,293.31	6,462
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,710.63	9,243
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,444.25	4,796
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,408.06	4,725
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,396.34	4,702
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,962.55	5,813
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,606.23	7,076
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,392.26	4,694
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,347.42	4,606
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,505.91	4,917
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,487.57	4,881
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,441.19	4,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,492.15	4,890
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,522.73	4,950
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,391.25	4,692
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,217.54	2,389
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,492.69	16,664
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,739.33	5,375
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,886.19	3,701
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,524.96	12,803
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,041.74	13,817
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	32,678.31	64,120
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	22,801.43	44,740
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,769.75	9,359
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,746.40	7,351
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	4,343.91	5,670
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,162.51	2,970
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	462.49	1,520
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	170.39	560
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	322.52	1,060
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	149.09	490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	742.42	2,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	596.37	1,960
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,061.90	3,490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,725.21	5,670
Manning & Napier Advisors, LLC.	3/18/2015	SELL	\$	1,532.23	1,360
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	4,236.64	5,530
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	520.58	1,330
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	528.42	1,350
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,160.46	2,820
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	688.90	1,760
Manning & Napier Advisors, LLC.	9/15/2015	SELL	\$	1,399.72	1,900
Manning & Napier Advisors, LLC.	9/15/2015	SELL	\$	265.21	360
Manning & Napier Advisors, LLC.	9/15/2015	SELL	\$	633.56	860
Manning & Napier Advisors, LLC.	9/15/2015	SELL	\$	559.88	760
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,926.58	3,820
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	798.49	2,040
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,284.01	4,220
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	216.03	710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	231.24	760
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	121.71	400
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	517.26	1,700
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	979.74	3,220
Manning & Napier Advisors, LLC.	5/6/2015	SELL	\$	6,254.54	5,200

Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	9,438.60	12,320
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	263.03	672
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,968.05	5,028
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,562.89	2,040
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	501.01	1,280
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	590.28	1,940
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	185.60	610
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	346.87	1,140
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	155.17	510
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	392.51	1,290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	620.71	2,040
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	4,460.58	14,660
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	5,432.10	17,853
Manning & Napier Advisors, LLC.	3/26/2015	SELL	\$	1,874.27	1,700
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	3,585.49	2,900
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	1,236.38	1,000
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	754.19	610
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	1,261.10	1,020
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	1,768.02	1,430
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	2,472.75	2,000
Manning & Napier Advisors, LLC.	4/28/2015	SELL	\$	4,500.41	3,640
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,247.63	1,730
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	308.39	1,030
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	1,380.07	2,000
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	489.93	710
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	538.22	780
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	579.63	840
Manning & Napier Advisors, LLC.	1/23/2015	SELL	\$	4,293.38	4,270
Manning & Napier Advisors, LLC.	1/23/2015	SELL	\$	1,608.76	1,600
Manning & Napier Advisors, LLC.	1/23/2015	SELL	\$	1,920.46	1,910
Manning & Napier Advisors, LLC.	1/23/2015	SELL	\$	2,151.72	2,140
Manning & Napier Advisors, LLC.	1/23/2015	SELL	\$	1,669.09	1,660
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	3,753.17	3,210
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	2,675.85	2,390
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,700.78	2,220
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	3,615.32	7,430
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	821.98	2,100
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,463.90	3,740
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,279.93	3,270
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	117.43	300
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	635.92	2,090
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	675.48	2,220
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,260.71	7,430
Manning & Napier Advisors, LLC.	1/26/2015	BUY	\$	6,808.26	6,740
Manning & Napier Advisors, LLC.	2/5/2015	BUY	\$	782.45	650
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	1,571.40	1,620
Manning & Napier Advisors, LLC.	3/12/2015	SELL	\$	4,397.24	3,530
Manning & Napier Advisors, LLC.	3/12/2015	SELL	\$	622.84	500
Manning & Napier Advisors, LLC.	7/10/2015	BUY	\$	11,205.50	12,280
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	4,648.32	6,670
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	2,022.40	6,560
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	823.14	2,670
Manning & Napier Advisors, LLC.	7/2/2015	SELL	\$	1,365.94	1,450
Manning & Napier Advisors, LLC.	7/2/2015	SELL	\$	254.35	270

Manning & Napier Advisors, LLC.	7/2/2015	SELL	\$	414.49	440
Manning & Napier Advisors, LLC.	7/2/2015	SELL	\$	357.97	380
Manning & Napier Advisors, LLC.	7/2/2015	SELL	\$	442.75	470
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	9,444.59	18,360
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	3,213.54	8,210
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,088.32	10,150
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	7,266.45	7,390
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,366.17	4,490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	155.17	510
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	292.10	960
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	970.62	3,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	547.68	1,800
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,459.53	11,370
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,866.21	9,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	235.21	773
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$	521.06	530
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	923.68	790
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,741.73	2,440
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	606.70	1,550
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,366.16	4,490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	839.78	2,760
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,274.89	4,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	629.83	2,070
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,122.15	2,770
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	489.27	1,250
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	450.31	1,480
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	143.01	470
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	340.78	1,120
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	161.27	530
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	240.37	790
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	842.82	2,770
Manning & Napier Advisors, LLC.	6/16/2015	BUY	\$	5,325.46	4,800
Manning & Napier Advisors, LLC.	9/1/2015	BUY	\$	3,042.92	3,670
Manning & Napier Advisors, LLC.	7/7/2015	SELL	\$	3,710.57	4,390
Manning & Napier Advisors, LLC.	7/7/2015	SELL	\$	828.33	980
Manning & Napier Advisors, LLC.	7/7/2015	SELL	\$	1,758.09	2,080
Manning & Napier Advisors, LLC.	7/7/2015	SELL	\$	1,589.03	1,880
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,118.53	1,460
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	360.11	920
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	419.89	1,380
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	304.27	1,000
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	450.31	1,480
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	444.23	1,460
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,520.54	3,290
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	2,797.86	5,750
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,495.21	3,820
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	324.87	830
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	364.02	930
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	665.41	1,700
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	24.34	80
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,001.05	3,290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,749.54	5,750
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	4,898.50	4,490
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	338.20	310

Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	970.97	890
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	1,571.01	1,440
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	1,527.37	1,400
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$	1,560.09	1,430
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	10,214.83	14,310
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,757.46	4,490
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	254.42	650
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	638.01	1,630
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	266.17	680
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	471.61	1,550
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,789.10	5,880
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	346.87	1,140
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,831.69	6,020
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	4,354.09	14,310
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	404.80	430
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	113.51	290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	246.46	810
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	54.77	180
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	155.17	510
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	139.97	460
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	130.84	430
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	27,220.73	27,320
Manning & Napier Advisors, LLC.	2/6/2015	SELL	\$	11,407.11	9,900
Manning & Napier Advisors, LLC.	2/6/2015	SELL	\$	5,910.95	5,130
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	12,215.10	10,530
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	6,635.36	5,720
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	13,456.33	11,600
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	31,692.00	27,320
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$	22,728.43	19,378
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$	9,244.79	7,882
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	26,413.86	22,770
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	8,584.22	7,400
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	10,231.46	8,820
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	19,917.69	17,170
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$	43,570.68	37,560
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	4,513.26	4,590
Manning & Napier Advisors, LLC.	11/6/2015	BUY	\$	610.03	800
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	391.42	1,000
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,092.33	3,590
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	243.41	800
Manning & Napier Advisors, LLC.	10/21/2015	BUY	\$	729.37	990
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	446.21	1,140
Manning & Napier Advisors, LLC.	1/26/2015	BUY	\$	10,450.03	10,350
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$	332.81	350
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,187.49	1,550
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	340.54	870
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	48.68	160
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	103.45	340
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	109.54	360
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	85.19	280
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	705.90	2,320
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	471.61	1,550
Manning & Napier Advisors, LLC.	2/5/2015	BUY	\$	695.57	640
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,723.77	2,250

Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	438.39	1,120
Manning & Napier Advisors, LLC.	3/16/2015	SELL	\$	813.10	710
Manning & Napier Advisors, LLC.	3/26/2015	BUY	\$	839.57	750
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	1,588.81	1,770
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	614.62	2,020
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	197.77	650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	392.50	1,290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	526.39	1,730
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	228.20	750
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	538.56	1,770
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	1,068.19	1,190
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	2,457.25	5,050
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,111.63	2,840
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	238.76	610
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	555.82	1,420
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	234.85	600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	182.56	600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	362.08	1,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,536.55	5,050
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	1,122.44	960
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	267.76	880
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	42.60	140
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	392.50	1,290
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	225.16	740
Manning & Napier Advisors, LLC.	4/16/2015	BUY	\$	4,569.27	3,820
Manning & Napier Advisors, LLC.	9/17/2015	BUY	\$	2,107.11	2,800
Manning & Napier Advisors, LLC.	11/13/2015	BUY	\$	144.21	210
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	641.92	1,640
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	663.31	2,180
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	851.96	2,800
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	63.90	210
Manning & Napier Advisors, LLC.	10/21/2015	BUY	\$	1,863.95	2,530
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	622.35	1,590
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	176.47	580
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	60.86	200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	365.12	1,200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	237.33	780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	101.32	333
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	59.94	197
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	237.33	780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	416.85	1,370
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	769.80	2,530
Manning & Napier Advisors, LLC.	5/4/2015	BUY	\$	7,213.33	5,680
Manning & Napier Advisors, LLC.	8/12/2015	BUY	\$	2,678.46	3,350
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	2,204.22	4,530
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,223.24	5,680
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	137.00	350
Manning & Napier Advisors, LLC.	6/22/2015	BUY	\$	4,028.33	3,670
Manning & Napier Advisors, LLC.	9/7/2015	BUY	\$	964.37	1,300
Manning & Napier Advisors, LLC.	11/13/2015	BUY	\$	357.10	520
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	493.19	1,260
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	815.43	2,680
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	307.31	1,010
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	356.00	1,170

Manning & Napier Advisors, LLC.	3/18/2015	SELL	\$	1,735.03	1,540
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	1,741.41	1,940
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,225.79	1,600
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	638.01	1,630
Manning & Napier Advisors, LLC.	2/27/2015	SELL	\$	5,685.81	3,561
Manning & Napier Advisors, LLC.	2/27/2015	SELL	\$	7,494.86	4,694
Manning & Napier Advisors, LLC.	2/27/2015	SELL	\$	11,831.47	7,410
Manning & Napier Advisors, LLC.	2/27/2015	SELL	\$	7,850.92	4,917
Manning & Napier Advisors, LLC.	2/27/2015	SELL	\$	667.42	418
Manning & Napier Advisors, LLC.	5/19/2015	BUY	\$	46,807.44	31,830
Manning & Napier Advisors, LLC.	5/28/2015	BUY	\$	29,417.68	20,460
Manning & Napier Advisors, LLC.	7/28/2015	BUY	\$	52,769.23	43,730
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$	57,348.47	57,570
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	4,057.16	3,470
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	3,357.15	3,740
Manning & Napier Advisors, LLC.	10/22/2015	BUY	\$	2,868.53	3,750
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	6,826.76	14,030
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	399.25	1,020
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	645.84	1,650
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	841.55	2,150
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	814.15	2,080
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,698.75	4,340
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,463.90	3,740
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,232.96	3,150
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	182.56	600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	4,268.89	14,030
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	2,502.12	2,140
Manning & Napier Advisors, LLC.	5/27/2015	BUY	\$	1,934.24	1,750
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,060.86	2,690
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	630.18	1,610
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	27.40	70
Manning & Napier Advisors, LLC.	10/21/2015	BUY	\$	2,608.05	3,540
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	861.12	2,200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	249.50	820
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	276.88	910
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	736.32	2,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	544.64	1,790
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	468.57	1,540
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,077.11	3,540
Manning & Napier Advisors, LLC.	1/30/2015	BUY	\$	7,735.94	7,400
Manning & Napier Advisors, LLC.	2/12/2015	SELL	\$	18,684.90	16,240
Manning & Napier Advisors, LLC.	2/12/2015	SELL	\$	8,514.06	7,400
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,785.06	2,330
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	571.47	1,460
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	902.00	1,320
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	177.67	260
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$	1,052.33	1,540
Manning & Napier Advisors, LLC.	6/18/2015	SELL	\$	1,500.68	1,370
Manning & Napier Advisors, LLC.	6/18/2015	SELL	\$	460.06	420
Manning & Napier Advisors, LLC.	6/18/2015	SELL	\$	328.62	300
Manning & Napier Advisors, LLC.	6/18/2015	SELL	\$	624.37	570
Manning & Napier Advisors, LLC.	10/30/2015	BUY	\$	27,415.02	36,450
Manning & Napier Advisors, LLC.	12/15/2015	BUY	\$	42,103.77	86,500
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	7,980.60	20,389

Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,076.86	5,306
Manning & Napier Advisors, LLC.	1/14/2016	SELL	\$	2,782.54	7,583
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,889.37	19,362
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,923.68	16,648
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	545.11	1,532
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	10,162.19	28,560
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,179.83	31,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,093.37	6,880
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	7,799.31	25,633
Manning & Napier Advisors, LLC.	4/9/2015	SELL	\$	2,438.17	2,160
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	1,156.84	1,510
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	414.90	1,060
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	249.50	820
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	146.05	480
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	562.90	1,850
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	438.15	1,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	459.45	1,510
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	1,759.48	2,620
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	649.75	1,660
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	474.66	1,560
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	212.99	700
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	435.10	1,430
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	891.51	2,930
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	797.19	2,620
Manning & Napier Advisors, LLC.	8/6/2015	BUY	\$	658.75	760
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	966.71	1,360
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	184.82	260
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	234.57	330
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	156.38	220
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	241.68	340
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	241.68	340
Manning & Napier Advisors, LLC.	10/6/2015	SELL	\$	540.23	760
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,045.54	2,670
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	2,870.84	5,900
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,322.99	3,380
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	140.91	360
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	614.53	1,570
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	606.70	1,550
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	242.68	620
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	237.33	780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	812.40	2,670
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,795.18	5,900
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	3,018.52	3,940
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	935.48	2,390
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	298.19	980
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	444.23	1,460
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	316.44	1,040
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	928.02	3,050
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,086.24	3,570
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,198.82	3,940
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	3,538.03	11,628
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	5,596.11	18,392
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	758.54	2,493
Manning & Napier Advisors, LLC.	3/18/2015	SELL	\$	1,768.82	1,570

Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	2,128.84	3,170
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	602.78	1,540
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	124.75	410
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	237.33	780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	486.83	1,600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	745.46	2,450
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	964.53	3,170
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	3,550.23	4,050
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	13,882.25	19,920
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	7,382.64	15,200
Manning & Napier Advisors, LLC.	3/16/2015	SELL	\$	85,924.58	75,030
Manning & Napier Advisors, LLC.	3/16/2015	SELL	\$	28,973.64	25,300
Manning & Napier Advisors, LLC.	11/25/2015	BUY	\$	18,947.01	26,690
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	4,475.47	11,434
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	3,795.18	9,696
Manning & Napier Advisors, LLC.	1/11/2016	SELL	\$	7,827.89	18,380
Manning & Napier Advisors, LLC.	2/3/2015	BUY	\$	419,911.10	308,770
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	44,114.17	31,080
Manning & Napier Advisors, LLC.	7/29/2015	BUY	\$	79,497.28	66,270
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$	67,947.53	68,210
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	59,927.81	93,215
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	56,903.56	88,649
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	13,847.16	20,691
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	2,756.22	3,907
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	6,287.52	9,363
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$	4,319.70	6,525
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	157,362.47	308,770
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,373.43	16,430
Manning & Napier Advisors, LLC.	1/21/2015	BUY	\$	15,787.23	16,580
Manning & Napier Advisors, LLC.	6/23/2015	BUY	\$	10,805.18	10,040
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	12,743.32	12,960
Manning & Napier Advisors, LLC.	9/15/2015	BUY	\$	17,589.47	23,500
Manning & Napier Advisors, LLC.	10/14/2015	BUY	\$	12,228.65	17,800
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	10,031.16	20,072
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	10,016.61	19,472
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	10,044.79	19,652
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	9,890.93	19,311
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	1,832.54	3,793
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	7,199.73	18,394
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,857.73	7,301
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,755.08	21,795
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,479.91	9,780
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,657.37	18,710
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,682.16	7,538
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,099.45	17,142
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,899.48	16,580
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,124.24	5,970
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	39,117.97	27,560
Manning & Napier Advisors, LLC.	6/30/2015	BUY	\$	44,772.23	35,070
Manning & Napier Advisors, LLC.	7/29/2015	BUY	\$	32,017.23	26,690
Manning & Napier Advisors, LLC.	10/6/2015	BUY	\$	36,058.51	35,110
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	46,046.99	71,624
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	43,724.13	68,117
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	13,847.16	20,691

Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	7,349.46	10,418
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	17,544.97	34,426
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	27,752.10	54,454
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,798.56	15,302
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	717.58	1,408
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,532.52	14,780
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	19,692.61	38,640
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,769.75	9,359
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,989.67	15,677
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,571.34	12,894
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	14,045.76	27,560
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,685.81	5,270
Manning & Napier Advisors, LLC.	7/7/2015	BUY	\$	27,074.91	31,780
Manning & Napier Advisors, LLC.	9/22/2015	BUY	\$	14,178.30	19,690
Manning & Napier Advisors, LLC.	12/1/2015	BUY	\$	25,370.47	37,780
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,718.32	4,390
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,555.56	6,529
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	235.24	601
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,039.29	5,210
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	810.23	2,070
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,698.82	6,895
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	228.79	643
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	317.39	892
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	14,211.41	39,940
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	21.35	60
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	25,191.88	26,760
Manning & Napier Advisors, LLC.	8/11/2015	BUY	\$	11,781.18	14,420
Manning & Napier Advisors, LLC.	10/7/2015	BUY	\$	13,100.88	18,420
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,718.32	4,390
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,555.56	6,529
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	235.24	601
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	1,921.86	4,910
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	931.57	2,380
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,694.91	6,885
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	232.35	653
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	370.76	1,042
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,739.65	10,510
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	18,031.48	16,070
Manning & Napier Advisors, LLC.	6/23/2015	BUY	\$	7,942.46	7,380
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	13,156.30	13,380
Manning & Napier Advisors, LLC.	9/15/2015	BUY	\$	17,933.77	23,960
Manning & Napier Advisors, LLC.	10/14/2015	BUY	\$	13,114.88	19,090
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	10,031.16	20,072
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	10,016.61	19,472
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	10,044.79	19,652
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	9,890.93	19,311
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	2,629.71	5,443
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	7,339.46	18,751
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,718.00	6,944
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,082.43	22,715
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,017.34	8,480
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,316.23	9,320
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,461.52	20,970
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,159.08	20,120

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,718.01	16,070
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,138.63	3,200
Manning & Napier Advisors, LLC.	2/3/2015	BUY	\$	386,469.99	284,180
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	15,016.98	10,580
Manning & Napier Advisors, LLC.	6/23/2015	BUY	\$	24,058.50	17,240
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	43,914.54	33,340
Manning & Napier Advisors, LLC.	9/15/2015	BUY	\$	58,889.26	56,080
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	57,175.56	88,934
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	54,291.04	84,579
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	13,847.16	20,691
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	11,477.76	16,392
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	1,089.27	1,544
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	144,830.35	284,180
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,187.47	2,330
Manning & Napier Advisors, LLC.	2/3/2015	BUY	\$	238,616.45	175,460
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	11,936.94	8,410
Manning & Napier Advisors, LLC.	6/23/2015	BUY	\$	18,364.85	13,160
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	32,995.18	25,050
Manning & Napier Advisors, LLC.	10/6/2015	BUY	\$	59,741.48	58,170
Manning & Napier Advisors, LLC.	12/22/2015	BUY	\$	46,491.87	72,316
Manning & Napier Advisors, LLC.	12/23/2015	BUY	\$	44,146.50	68,775
Manning & Napier Advisors, LLC.	12/24/2015	BUY	\$	13,847.16	20,691
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	7,561.10	10,718
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	22,592.47	44,330
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	89,421.96	175,460
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,286.10	8,410
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,962.13	3,850
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	2,221.74	2,900
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	724.13	1,850
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	502.04	1,650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	197.77	650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	383.38	1,260
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	444.23	1,460
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	873.25	2,870
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	882.38	2,900
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	7,030.33	8,020
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	5,963.32	9,350
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	1,779.43	2,790
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	1,926.12	3,020
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	1,409.52	2,210
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	2,072.81	3,250
Manning & Napier Advisors, LLC.	10/2/2015	SELL	\$	5,115.06	8,020
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$	29,341.83	26,150
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	10,913.06	13,975
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	17,261.77	22,105
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	5,396.01	6,910
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	5,630.28	7,210
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	5,271.07	6,750
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	4,560.45	5,840
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	5,833.32	7,470
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	23,575.34	30,190
Manning & Napier Advisors, LLC.	8/18/2015	SELL	\$	20,420.49	26,150
Manning & Napier Advisors, LLC.	9/24/2015	BUY	\$	203,092.25	202,490
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,929.45	17,521

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,210.59	10,224
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,686.35	17,044
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	13,024.95	25,557
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	11,018.48	21,620
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	16,604.68	32,581
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,060.49	4,043
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	32,355.77	21,003
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	15,001.69	9,738
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	20,014.58	12,992
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	20,552.22	13,341
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	29,396.41	19,082
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	8,365.08	5,430
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	7,279.01	4,725
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	9,700.72	6,297
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	20,643.11	13,400
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	25,127.60	16,311
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	8,163.27	5,299
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	13,750.78	8,926
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	7,574.79	4,917
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	12,222.57	7,934
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	12,233.35	7,941
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	12,234.90	7,942
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$	6,334.65	4,112
Manning & Napier Advisors, LLC.	9/24/2015	BUY	\$	267,483.19	266,690
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,980.98	3,887
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,093.96	8,033
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,127.09	8,098
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,167.35	8,177
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,183.66	8,209
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	5,400.18	10,596
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	32,708.89	64,180
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	2,573.70	5,050
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	980.92	1,370
Manning & Napier Advisors, LLC.	7/31/2015	BUY	\$	2,032.45	2,230
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	1,398.72	2,990
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	416.34	890
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	884.14	1,890
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	435.05	930
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	1,043.20	2,230
Manning & Napier Advisors, LLC.	7/31/2015	BUY	\$	2,386.34	2,620
Manning & Napier Advisors, LLC.	12/17/2015	BUY	\$	3,168.90	6,510
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	1,270.85	4,140
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	279.34	910
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	224.09	730
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	306.97	1,000
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	343.80	1,120
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	717.38	720
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	1,481.10	1,650
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	348.36	890
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	626.79	2,060
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	216.03	710
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	203.86	670
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	383.38	1,260
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	219.08	720

Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	502.04	1,650
Manning & Napier Advisors, LLC.	7/14/2015	BUY	\$	493,030.64	401,740
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$	29,883.16	23,670
Manning & Napier Advisors, LLC.	7/20/2015	BUY	\$	379,767.77	291,154
Manning & Napier Advisors, LLC.	7/21/2015	BUY	\$	82,449.90	62,326
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	376,592.88	285,910
Manning & Napier Advisors, LLC.	7/23/2015	BUY	\$	549,907.48	423,023
Manning & Napier Advisors, LLC.	7/29/2015	BUY	\$	587,946.34	490,120
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$	184,626.77	149,720
Manning & Napier Advisors, LLC.	7/22/2015	BUY	\$	589.97	600
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	360.08	470
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	182.01	465
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	76.32	195
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	117.14	385
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	173.43	570
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	279.93	920
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	279.93	920
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	182.56	600
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	143.01	470
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	26,875.49	35,080
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	7,829.14	20,002
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	257.55	658
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	9,426.23	30,980
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	466.45	1,533
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$	18,478.82	24,120
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	5,374.55	13,731
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	265.78	679
Manning & Napier Advisors, LLC.	7/31/2015	BUY	\$	9,878.42	10,790
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$	1,802.98	2,490
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	2,505.55	8,640
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$	1,008.27	1,080
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	1,540.19	2,230
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	1,008.38	1,460
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	255.54	370
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	766.64	1,110
Manning & Napier Advisors, LLC.	9/24/2015	SELL	\$	745.92	1,080
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	368.35	530
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	115.99	400
Manning & Napier Advisors, LLC.	6/26/2015	BUY	\$	59,237.98	59,110
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$	72,984.36	104,210
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	16,625.48	33,267
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	26,322.40	51,170
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	14,250.90	27,881
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	12,190.16	23,800
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	25,746.82	53,291
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$	17,731.85	37,611
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	10,057.46	25,695
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,659.21	24,336
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	28,159.16	79,139
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	9,425.64	26,490
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,753.29	21,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	7,340.54	20,630
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	8,002.37	22,490
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	19,221.34	54,020

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	13,916.09	39,110
Manning & Napier Advisors, LLC.	8/28/2015	BUY	\$	128,719.01	106,590
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	108,040.24	108,990
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	5,536.97	8,665
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,230.80	5,056
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	5,386.17	8,429
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	8,076.37	12,639
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	6,832.23	10,692
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	10,296.27	16,113
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,703.03	5,795
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	4,940.14	7,731
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	5,073.05	7,939
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	7,255.89	11,355
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,064.66	4,796
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,019.29	4,725
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,004.60	4,702
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	4,788.70	7,494
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	5,829.00	9,122
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	2,999.49	4,694
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,078.72	4,818
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,141.98	4,917
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,118.98	4,881
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,060.83	4,790
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,124.73	4,890
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,163.07	4,950
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	2,998.21	4,692
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,129.20	4,897
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	3,060.83	4,790
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	2,740.05	4,288
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	42,225.39	66,080
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	27,783.90	43,480
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	17,425.64	27,270
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	73,268.21	114,660
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	68,111.45	106,590
Manning & Napier Advisors, LLC.	12/23/2015	SELL	\$	69,645.09	108,990
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$	407.70	390
Manning & Napier Advisors, LLC.	8/6/2015	BUY	\$	835.35	970
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	194.26	650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,447.40	4,757
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,289.01	7,523
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	745.46	2,450
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,886.47	6,200
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,585.24	5,210
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$	101,439.92	144,840
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$	23,645.11	47,313
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$	37,435.74	72,774
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$	20,267.97	39,653
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$	17,336.65	33,848
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$	36,617.38	75,791
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$	25,218.54	53,491
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	10,057.46	25,695
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	14,257.67	40,070
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	37,014.07	104,025
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	12,119.19	34,060

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 10,044.77	28,230
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 10,695.92	30,060
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 4,696.81	13,200
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 17,652.18	49,610
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 22,911.18	64,390
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 13,855.59	38,940
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 9,892.68	32,513
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$ 2,244.73	2,930
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 716.29	1,830
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 809.35	2,660
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 118.66	390
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 255.58	840
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 502.04	1,650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 328.61	1,080
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 340.78	1,120
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 891.51	2,930
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$ 3,983.83	5,200
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 1,291.68	3,300
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 362.08	1,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 994.96	3,270
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 438.15	1,440
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 672.43	2,210
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 727.20	2,390
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 1,061.89	3,490
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 1,582.20	5,200
Manning & Napier Advisors, LLC.	1/29/2015	BUY	\$ 181,540.75	142,551
Manning & Napier Advisors, LLC.	1/30/2015	BUY	\$ 158,106.65	126,247
Manning & Napier Advisors, LLC.	2/2/2015	BUY	\$ 191,950.65	149,862
Manning & Napier Advisors, LLC.	9/30/2015	BUY	\$ 555.33	850
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$ 178.99	610
Manning & Napier Advisors, LLC.	6/25/2015	BUY	\$ 20,405.97	19,010
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 8,517.24	21,760
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$ 4,688.65	6,120
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 1,373.88	3,510
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 298.19	980
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 1,323.57	4,350
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 468.57	1,540
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 666.35	2,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 806.31	2,650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 800.23	2,630
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 1,862.12	6,120
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$ 1,308.54	1,390
Manning & Napier Advisors, LLC.	10/20/2015	BUY	\$ 612.90	800
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 446.21	1,140
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 20,887.09	16,434
Manning & Napier Advisors, LLC.	2/17/2015	SELL	\$ 7,226.73	5,686
Manning & Napier Advisors, LLC.	3/27/2015	SELL	\$ 22,813.02	20,310
Manning & Napier Advisors, LLC.	3/27/2015	SELL	\$ 10,558.46	9,400
Manning & Napier Advisors, LLC.	3/27/2015	SELL	\$ 16,028.64	14,270
Manning & Napier Advisors, LLC.	4/7/2015	BUY	\$ 3,952.61	3,620
Manning & Napier Advisors, LLC.	5/8/2015	BUY	\$ 3,369.51	2,780
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$ 3,806.64	3,400
Manning & Napier Advisors, LLC.	7/8/2015	BUY	\$ 14,084.69	16,530
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 1,839.66	4,700

Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	5,718.61	14,610
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	8,458.66	27,800
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,101.45	3,620
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	332.56	1,093
Manning & Napier Advisors, LLC.	11/20/2015	BUY	\$	936.25	1,250
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	263.89	910
Manning & Napier Advisors, LLC.	12/16/2015	SELL	\$	3,804.52	8,250
Manning & Napier Advisors, LLC.	12/16/2015	SELL	\$	1,614.04	3,500
Manning & Napier Advisors, LLC.	12/16/2015	SELL	\$	548.77	1,190
Manning & Napier Advisors, LLC.	12/16/2015	SELL	\$	1,374.24	2,980
Manning & Napier Advisors, LLC.	12/16/2015	SELL	\$	1,909.18	4,140
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$	23,746.25	35,360
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	33,292.04	68,420
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	5,453.22	13,932
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	4,604.24	11,763
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,656.04	10,275
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,906.75	13,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	1,882.28	5,290
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	6,870.87	19,310
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	4,842.70	13,610
Manning & Napier Advisors, LLC.	7/31/2015	BUY	\$	1,605.97	1,760
Manning & Napier Advisors, LLC.	12/10/2015	SELL	\$	1,472.31	2,770
Manning & Napier Advisors, LLC.	12/10/2015	SELL	\$	318.91	600
Manning & Napier Advisors, LLC.	12/10/2015	SELL	\$	653.77	1,230
Manning & Napier Advisors, LLC.	12/10/2015	SELL	\$	1,015.20	1,910
Manning & Napier Advisors, LLC.	12/10/2015	SELL	\$	935.47	1,760
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$	3,342.22	9,330
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	529.20	720
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$	127.59	440
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	47,203.83	37,080
Manning & Napier Advisors, LLC.	8/12/2015	BUY	\$	17,173.33	15,840
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	26,470.87	40,880
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	5,963.72	9,210
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	2,842.64	4,390
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	5,957.24	9,200
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	24,010.27	37,080
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	10,256.81	15,840
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$	81,868.35	64,310
Manning & Napier Advisors, LLC.	1/18/2016	SELL	\$	18,324.66	41,730
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	1,877.36	2,630
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$	2,040.24	2,870
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$	433.64	610
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$	1,087.66	1,530
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$	739.32	1,040
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$	1,869.63	2,630
Manning & Napier Advisors, LLC.	1/7/2016	BUY	\$	5,529.35	12,180
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	2,031.46	5,190
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	2,126.84	6,990
Manning & Napier Advisors, LLC.	3/12/2015	BUY	\$	6,004.99	4,780
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$	2,519.10	2,250
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,341.82	4,410
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	1,454.40	4,780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	684.61	2,250
Manning & Napier Advisors, LLC.	7/1/2015	BUY	\$	21,889.59	22,350

Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$ 15,095.05	17,220
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$ 21,404.17	43,870
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$ 12,612.32	40,910
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$ 2,327.62	7,550
Manning & Napier Advisors, LLC.	1/19/2016	SELL	\$ 3,129.18	10,150
Manning & Napier Advisors, LLC.	1/22/2015	BUY	\$ 13,625.85	14,010
Manning & Napier Advisors, LLC.	5/6/2015	SELL	\$ 24,753.55	20,580
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 2,866.21	9,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 6,928.19	22,770
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 98.28	323
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 9,892.68	32,513
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 9,892.68	32,513
Manning & Napier Advisors, LLC.	4/9/2015	SELL	\$ 15,012.79	13,300
Manning & Napier Advisors, LLC.	5/6/2015	SELL	\$ 9,658.45	8,030
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 5,376.42	17,670
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 4,516.26	14,843
Manning & Napier Advisors, LLC.	4/9/2015	SELL	\$ 14,990.22	13,280
Manning & Napier Advisors, LLC.	5/6/2015	SELL	\$ 10,909.37	9,070
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 8,413.02	27,650
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 1,479.66	4,863
Manning & Napier Advisors, LLC.	4/9/2015	SELL	\$ 17,586.42	15,580
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 4,996.09	16,420
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 4,896.59	16,093
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 104,509.32	91,982
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 14,049.03	12,365
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 220,352.16	193,939
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 5,129.91	4,515
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 6,735.35	5,928
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 90,639.81	79,775
Manning & Napier Advisors, LLC.	1/22/2015	SELL	\$ 120,864.71	99,684
Manning & Napier Advisors, LLC.	7/17/2015	BUY	\$ 1,389,058.28	1,124,607
Manning & Napier Advisors, LLC.	7/20/2015	BUY	\$ 614,693.59	471,263
Manning & Napier Advisors, LLC.	7/21/2015	BUY	\$ 133,452.27	100,880
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 24,339.05	21,369
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 38,498.97	33,801
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 90,318.41	79,297
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 6,933.03	6,087
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 302,625.95	265,697
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 432,869.33	380,047
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 9,917.18	8,707
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 123,174.82	108,144
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 5,462.59	4,796
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 5,381.72	4,725
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 103,306.30	90,700
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 5,355.53	4,702
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 143,021.70	125,569
Manning & Napier Advisors, LLC.	8/27/2015	SELL	\$ 130,344.75	114,439
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 77,870.90	152,795
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,745.45	5,387
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 3,341.73	6,557
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 165,779.73	325,286
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 53,851.94	105,666
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,392.26	4,694
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,347.42	4,606

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 90,717.98	178,003
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 24,360.43	47,799
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,505.91	4,917
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,487.57	4,881
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 83,344.98	163,536
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,441.19	4,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 83,424.99	163,693
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 83,433.66	163,710
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,492.15	4,890
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,522.73	4,950
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 84,028.41	164,877
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 84,385.16	165,577
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,082.91	4,087
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 85,070.63	166,922
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 85,905.42	168,560
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 86,237.71	169,212
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 111,321.83	218,431
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 2,696.01	5,290
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 13,454.58	26,400
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 5,454.20	10,702
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 507,289.47	995,382
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 470,528.26	414,127
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 387,844.08	341,354
Manning & Napier Advisors, LLC.	1/21/2015	SELL	\$ 186,191.38	163,873
Manning & Napier Advisors, LLC.	1/22/2015	SELL	\$ 148,431.63	122,420
Manning & Napier Advisors, LLC.	1/22/2015	SELL	\$ 137,579.94	113,470
Manning & Napier Advisors, LLC.	3/16/2015	SELL	\$ 426,536.32	282,880
Manning & Napier Advisors, LLC.	3/16/2015	SELL	\$ 657,527.58	436,074
Manning & Napier Advisors, LLC.	3/17/2015	SELL	\$ 601,860.13	398,127
Manning & Napier Advisors, LLC.	3/18/2015	SELL	\$ 13,946.48	9,311
Manning & Napier Advisors, LLC.	3/18/2015	SELL	\$ 896,466.13	598,502
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$ 648,422.69	428,249
Manning & Napier Advisors, LLC.	3/19/2015	SELL	\$ 146,393.22	96,685
Manning & Napier Advisors, LLC.	3/20/2015	SELL	\$ 336,455.36	236,846
Manning & Napier Advisors, LLC.	3/20/2015	SELL	\$ 403,832.81	284,276
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$ 393,410.31	277,583
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$ 213,832.17	150,876
Manning & Napier Advisors, LLC.	3/23/2015	SELL	\$ 418,160.11	295,046
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$ 324,839.88	221,146
Manning & Napier Advisors, LLC.	3/24/2015	SELL	\$ 55,008.59	37,449
Manning & Napier Advisors, LLC.	4/30/2015	SELL	\$ 782,906.80	479,239
Manning & Napier Advisors, LLC.	4/30/2015	SELL	\$ 844,176.69	516,744
Manning & Napier Advisors, LLC.	4/30/2015	SELL	\$ 850,195.04	520,428
Manning & Napier Advisors, LLC.	4/30/2015	SELL	\$ 473,723.00	289,979
Manning & Napier Advisors, LLC.	7/29/2015	SELL	\$ 276,730.06	232,661
Manning & Napier Advisors, LLC.	7/29/2015	SELL	\$ 626,683.97	526,885
Manning & Napier Advisors, LLC.	7/29/2015	SELL	\$ 162,756.93	136,838
Manning & Napier Advisors, LLC.	7/30/2015	SELL	\$ 388,300.18	315,806
Manning & Napier Advisors, LLC.	9/29/2015	SELL	\$ 74,810.95	79,410
Manning & Napier Advisors, LLC.	9/29/2015	SELL	\$ 503,177.83	534,111
Manning & Napier Advisors, LLC.	9/29/2015	SELL	\$ 118,560.43	125,849
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 287,244.99	563,620
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 504,328.95	989,573
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 590,718.54	1,159,083

Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 763,190.39	1,497,500
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 48,372.26	94,914
Manning & Napier Advisors, LLC.	1/30/2015	BUY	\$ 148,285.34	117,730
Manning & Napier Advisors, LLC.	8/10/2015	SELL	\$ 86,948.81	78,550
Manning & Napier Advisors, LLC.	8/10/2015	SELL	\$ 205,666.32	185,800
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 26,141.23	23,850
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 232,081.53	211,740
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 59,538.44	54,320
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 10,446.63	9,531
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 74,959.02	68,389
Manning & Napier Advisors, LLC.	9/23/2015	BUY	\$ 14,563.74	14,620
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$ 437,701.98	445,214
Manning & Napier Advisors, LLC.	1/29/2015	BUY	\$ 134,815.82	135,176
Manning & Napier Advisors, LLC.	8/5/2015	BUY	\$ 423,044.34	504,000
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$ 172,622.31	345,411
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$ 273,305.45	531,298
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$ 147,968.44	289,491
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$ 126,570.18	247,115
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$ 267,332.37	553,327
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$ 184,111.22	390,518
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 68,797.46	175,765
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 140,547.43	394,997
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 9,400.74	26,420
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 321,239.78	902,818
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 14,869.67	41,790
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 3,906.89	10,980
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 85,290.88	239,703
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 359.38	1,010
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 7,848.30	22,057
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 141,206.76	396,850
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 10,187.10	28,630
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 42,897.54	120,560
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 48,825.48	137,220
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 59,556.98	167,380
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 264,213.38	742,550
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 6,870.51	19,309
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 43,211.01	121,441
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 78,515.01	220,660
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 11,307.91	31,780
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 9,892.68	32,513
Manning & Napier Advisors, LLC.	5/27/2015	BUY	\$ 51,196.59	46,320
Manning & Napier Advisors, LLC.	9/14/2015	BUY	\$ 84,423.85	112,680
Manning & Napier Advisors, LLC.	12/9/2015	BUY	\$ 90,936.61	152,780
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 10,057.47	25,695
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 19,443.73	54,645
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 6,660.93	18,720
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 9,076.94	25,510
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 20,915.04	58,780
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 16,863.69	47,394
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 1,478.79	4,156
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 9,892.68	32,513
Manning & Napier Advisors, LLC.	1/22/2015	BUY	\$ 13,625.85	14,010
Manning & Napier Advisors, LLC.	1/27/2015	BUY	\$ 12,444.61	12,490
Manning & Napier Advisors, LLC.	1/28/2015	BUY	\$ 437,701.98	445,214

Manning & Napier Advisors, LLC.	1/29/2015	BUY	\$ 134,815.82	135,176
Manning & Napier Advisors, LLC.	3/4/2015	SELL	\$ 1,308.72	990
Manning & Napier Advisors, LLC.	3/11/2015	SELL	\$ 2,981.49	2,550
Manning & Napier Advisors, LLC.	3/12/2015	BUY	\$ 6,004.99	4,780
Manning & Napier Advisors, LLC.	3/27/2015	BUY	\$ 40,000.97	35,580
Manning & Napier Advisors, LLC.	5/6/2015	SELL	\$ 24,753.55	20,580
Manning & Napier Advisors, LLC.	5/14/2015	BUY	\$ 7,196.51	5,820
Manning & Napier Advisors, LLC.	5/21/2015	BUY	\$ 2,221.67	1,980
Manning & Napier Advisors, LLC.	5/27/2015	BUY	\$ 51,196.59	46,320
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$ 5,844.31	5,220
Manning & Napier Advisors, LLC.	6/18/2015	SELL	\$ 2,913.73	2,660
Manning & Napier Advisors, LLC.	6/26/2015	BUY	\$ 25,174.39	25,120
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$ 706.05	750
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$ 36,785.12	40,980
Manning & Napier Advisors, LLC.	8/5/2015	BUY	\$ 423,044.34	504,000
Manning & Napier Advisors, LLC.	9/14/2015	BUY	\$ 84,423.85	112,680
Manning & Napier Advisors, LLC.	9/28/2015	BUY	\$ 3,118.98	4,440
Manning & Napier Advisors, LLC.	9/29/2015	BUY	\$ 7,024.48	10,460
Manning & Napier Advisors, LLC.	11/12/2015	SELL	\$ 20,641.28	29,990
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$ 3,497.74	4,900
Manning & Napier Advisors, LLC.	11/25/2015	BUY	\$ 83,440.68	117,540
Manning & Napier Advisors, LLC.	11/25/2015	SELL	\$ 6,170.48	8,680
Manning & Napier Advisors, LLC.	12/9/2015	BUY	\$ 90,936.61	152,780
Manning & Napier Advisors, LLC.	12/16/2015	BUY	\$ 23,932.92	50,440
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$ 3,951.06	8,120
Manning & Napier Advisors, LLC.	12/29/2015	BUY	\$ 185,652.53	371,484
Manning & Napier Advisors, LLC.	12/30/2015	BUY	\$ 293,935.90	571,403
Manning & Napier Advisors, LLC.	12/31/2015	BUY	\$ 159,137.72	311,343
Manning & Napier Advisors, LLC.	1/4/2016	BUY	\$ 136,461.11	266,426
Manning & Napier Advisors, LLC.	1/5/2016	BUY	\$ 287,326.00	594,710
Manning & Napier Advisors, LLC.	1/6/2016	BUY	\$ 197,880.50	419,724
Manning & Napier Advisors, LLC.	1/7/2016	BUY	\$ 5,529.35	12,180
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$ 123,566.53	315,690
Manning & Napier Advisors, LLC.	1/15/2016	SELL	\$ 1,434,441.49	4,031,380
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$ 109,860.94	361,066
Manning & Napier Advisors, LLC.	5/29/2015	BUY	\$ 6,303.35	5,630
Manning & Napier Advisors, LLC.	7/15/2015	BUY	\$ 1,609.79	1,710
Manning & Napier Advisors, LLC.	7/16/2015	BUY	\$ 1,007.45	1,080
Manning & Napier Advisors, LLC.	7/23/2015	SELL	\$ 1,521.84	1,610
Manning & Napier Advisors, LLC.	7/24/2015	BUY	\$ 798.53	870
Manning & Napier Advisors, LLC.	7/30/2015	BUY	\$ 11,785.94	13,130
Manning & Napier Advisors, LLC.	8/11/2015	SELL	\$ 35,757.97	44,590
Manning & Napier Advisors, LLC.	9/28/2015	SELL	\$ 5,035.65	7,190
Manning & Napier Advisors, LLC.	9/30/2015	SELL	\$ 4,356.14	6,810
Manning & Napier Advisors, LLC.	10/1/2015	BUY	\$ 4,353.64	6,710
Manning & Napier Advisors, LLC.	10/8/2015	SELL	\$ 19,912.19	27,010
Manning & Napier Advisors, LLC.	10/14/2015	SELL	\$ 7,260.41	10,600
Manning & Napier Advisors, LLC.	10/15/2015	SELL	\$ 1,887.93	2,610
Manning & Napier Advisors, LLC.	10/19/2015	SELL	\$ 47,770.29	62,920
Manning & Napier Advisors, LLC.	10/23/2015	SELL	\$ 6,114.01	7,880
Manning & Napier Advisors, LLC.	10/27/2015	SELL	\$ 7,209.00	9,140
Manning & Napier Advisors, LLC.	10/29/2015	SELL	\$ 7,081.19	9,340
Manning & Napier Advisors, LLC.	11/10/2015	SELL	\$ 21,517.64	30,180
Manning & Napier Advisors, LLC.	11/18/2015	SELL	\$ 17,291.88	25,410

Manning & Napier Advisors, LLC.	11/23/2015	SELL	\$	14,226.62	20,240
Manning & Napier Advisors, LLC.	11/24/2015	BUY	\$	21,329.09	29,880
Manning & Napier Advisors, LLC.	12/7/2015	SELL	\$	3,633.05	5,370
Manning & Napier Advisors, LLC.	12/9/2015	SELL	\$	5,429.93	9,070
Manning & Napier Advisors, LLC.	12/14/2015	SELL	\$	4,830.82	10,500
Manning & Napier Advisors, LLC.	12/18/2015	BUY	\$	11,663.40	23,970
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	5,860.96	14,120
Manning & Napier Advisors, LLC.	1/13/2016	SELL	\$	17,183.22	43,900
Manning & Napier Advisors, LLC.	1/20/2016	SELL	\$	5,248.63	17,250