

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme SCOTTISH PACIFIC GROUP LIMITED

ACN/ARSN 164 013 110

1. Details of substantial holder (1)

Name Morgan Stanley and its subsidiaries listed in Annexure A
ACN/ARSN (if applicable) Not Applicable

The holder became a substantial holder on October 25, 2018
The holder became aware on October 29, 2018

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary Shares	6,961,817	6,961,817	5.00%
			Based on 139,191,601 Ordinary Shares Outstanding

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Morgan Stanley & Co. International plc	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. Right as lender to recall the shares under a securities lending arrangement.	4,992,241 Ordinary Shares
Morgan Stanley & Co. International plc	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	477,378 Ordinary Shares
Morgan Stanley Australia Securities Limited	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses.	1,487,747 Ordinary Shares
Morgan Stanley Wealth Management Australia Pty Ltd	Shares held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business.	4,451 Ordinary Shares
Each of the entities (as listed in Annexure A) in the Morgan Stanley group upstream of the above entities	Each of the above entities is a body corporate that each upstream entity controls and therefore has the relevant interests that the above entities collectively have.	6,961,817 Ordinary Shares (N.B.: Total of the above direct interest)

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Morgan Stanley & Co. International plc	HSBC Custody Nominees (Australia) Limited	Not Applicable	477,378 Ordinary Shares

Morgan Stanley Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	1,487,747 Ordinary Shares
Morgan Stanley Wealth Management Australia Pty Ltd	Morgan Stanley Wealth Management Australia Pty discretionary client account	Not Applicable	4,451 Ordinary Shares
Morgan Stanley & Co. International plc	Unknown	Not Applicable	4,992,241 Ordinary Shares

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number interest of securities
		Cash	Non-cash	
Morgan Stanley Australia Securities Limited	6/26/2018	4,739.15	Buy	1,495 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	957.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	914.85	Buy	285 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	2,198.00	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	22.12	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	9.51	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	92.22	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	15.80	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,353.59	Buy	427 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	5,125.52	Buy	1,622 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	56.97	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	189.60	Buy	60 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	283.02	Buy	89 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,058.94	Buy	333 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,741.74	Buy	546 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,485.90	Buy	468 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	412.75	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	3,306.31	Buy	1,043 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	2,588.97	Buy	818 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,420.16	Buy	448 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	4,054.43	Buy	1,279 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	4,744.56	Buy	1,492 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	1,509.71	Buy	477 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	1,477.35	Buy	469 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	6.33	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	1,699.17	Buy	542 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	5,808.08	Buy	1,838 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	775.92	Buy	244 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	1,282.05	Buy	407 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	2,646.95	Buy	835 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	3,611.00	Buy	1,150 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	884.43	Buy	279 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	284.83	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	25.08	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	1,603.38	Buy	505 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/29/2018	1,920.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/29/2018	585.12	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/29/2018	2,758.40	Buy	862 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	6,048.00	Buy	1,920 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	13,576.50	Buy	4,310 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	4,121.00	Buy	1,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	1,105.28	Buy	352 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	1,023.84	Buy	324 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	72.91	Buy	23 Ordinary Shares

Morgan Stanley Australia Securities Limited	7/3/2018	72.91	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	1,721.31	Buy	543 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	422.96	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	5,304.00	Buy	1,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	127.60	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	7,790.57	Buy	2,489 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	3,961.98	Buy	1,242 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	5,165.71	Buy	1,661 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/3/2018	3,119.33	Buy	1,003 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	805.80	Buy	255 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	453.31	Buy	143 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	3,100.68	Buy	972 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	1,276.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	22,927.80	Buy	7,210 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	1,716.00	Buy	550 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	873.27	Buy	279 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	713.64	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	9.39	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	90.48	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	13,142.87	Buy	4,199 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	1,137.15	Buy	361 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	1,790.36	Buy	572 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	497.70	Buy	158 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/5/2018	6,778.20	Buy	2,145 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/6/2018	9,371.25	Buy	2,975 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/6/2018	579.20	Buy	181 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	688.60	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	9.45	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	2,234.82	Buy	714 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	173.25	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	737.90	Buy	235 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/9/2018	346.50	Buy	110 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	3,760.40	Buy	1,190 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	2,844.84	Buy	906 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	34.60	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	720.72	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	3,115.35	Buy	989 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/10/2018	3,815.47	Buy	1,219 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	7,161.44	Buy	2,288 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	1,780.97	Buy	569 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	65.73	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	21.84	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	9.48	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	439.92	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	12.44	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	3.11	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	243.75	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	353.40	Buy	114 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	339.54	Buy	109 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	12.52	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	933.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	796.70	Buy	257 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	428.81	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	9.33	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	3.13	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/12/2018	456.98	Buy	146 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/13/2018	4,770.12	Buy	1,524 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/13/2018	296.88	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/13/2018	1,830.62	Buy	583 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/13/2018	2,458.62	Buy	783 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/13/2018	1,578.15	Buy	501 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,570.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	4,982.64	Buy	1,597 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3,253.95	Buy	1,033 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,742.70	Buy	555 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	771.28	Buy	248 Ordinary Shares

Morgan Stanley Australia Securities Limited	7/16/2018	1,875.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	8,250.00	Buy	2,640 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,050.43	Buy	334 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	688.60	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	65.94	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3.13	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	6,519.59	Buy	2,073 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,035.84	Buy	332 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	31.50	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,683.50	Buy	537 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3.14	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3,940.70	Buy	1,255 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	2,233.92	Buy	716 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,180.64	Buy	376 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3.14	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	53.21	Buy	17 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	815.10	Buy	260 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,258.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	80.99	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,203.57	Buy	387 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	96.88	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	68.42	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	569.66	Buy	182 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3,342.84	Buy	1,068 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	584.68	Buy	188 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	3.11	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	370.09	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	154.35	Buy	49 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	2,826.39	Buy	903 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,990.68	Buy	636 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,384.38	Buy	443 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	487.50	Buy	156 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	59.47	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	304.58	Buy	97 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	1,059.87	Buy	337 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	11,906.97	Buy	3,786 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	12.50	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	1,074.33	Buy	346 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	3,890.64	Buy	1,247 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	2,690.15	Buy	865 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	145.70	Buy	47 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	628.29	Buy	203 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	21.91	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	2,111.97	Buy	678 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	1,832.10	Buy	591 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	450.23	Buy	145 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	829.92	Buy	266 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	3.12	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	2,982.49	Buy	959 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	600.23	Buy	193 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	3,224.03	Buy	1,035 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	3.14	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	1,853.56	Buy	596 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	383.76	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	496.88	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	12.46	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	670.80	Buy	215 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	416.74	Buy	134 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	689.52	Buy	221 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	258.13	Buy	83 Ordinary Shares
Morgan Stanley & Co. International Plc	7/17/2018	509.38	Buy	163 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	190.93	Buy	61 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	235.13	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	764.80	Buy	239 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	169.02	Buy	54 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	2,954.50	Buy	950 Ordinary Shares

Morgan Stanley Australia Securities Limited	7/18/2018	1,164.80	Buy	364 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	246.48	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	3.12	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	268.75	Buy	86 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	283.02	Buy	89 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	15.55	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	31.25	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	59.66	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	21.81	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	319.00	Buy	100 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	8,986.68	Buy	2,862 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	34.54	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/18/2018	775.58	Buy	247 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	5,054.37	Buy	1,527 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	1,085.70	Buy	330 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	377.91	Buy	117 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	311.60	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	3,788.40	Buy	1,148 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	1,566.04	Buy	476 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	396.68	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	5,019.42	Buy	1,554 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	762.30	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	1,567.04	Buy	472 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	589.18	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	3,445.71	Buy	1,041 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/19/2018	3.16	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	217.75	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	67.83	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	8,210.16	Buy	2,534 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	1,283.04	Buy	396 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	245.48	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	25.92	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	100.29	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	42.25	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	22.75	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	1,065.96	Buy	329 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/20/2018	19.50	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/23/2018	35.31	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/23/2018	417.30	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	6.38	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	2,579.20	Buy	806 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	3,693.42	Buy	1,156 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	238.50	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	998.55	Buy	315 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	1,440.54	Buy	453 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	4,803.78	Buy	1,513 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	76.08	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	22.19	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	384.78	Buy	121 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	6.33	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	34.93	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	98.27	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	15.90	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	263.66	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	1,703.46	Buy	534 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	433.84	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	15.85	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	91.14	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	446.60	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	88.48	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	1,903.53	Buy	593 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	15.85	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	489.80	Buy	155 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	2,258.55	Buy	717 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	9.57	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	982.70	Buy	310 Ordinary Shares

Morgan Stanley Australia Securities Limited	7/26/2018	1,179.24	Buy	372 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	599.72	Buy	188 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,364.22	Buy	429 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	3.19	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	143.55	Buy	45 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	6.38	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	12.76	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	496.08	Buy	156 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	101.76	Buy	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	15.85	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	1,320.88	Buy	418 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	258.71	Buy	82 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	3.18	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	3,684.06	Buy	1,164 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	3,189.02	Buy	1,006 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	1,220.45	Buy	385 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/30/2018	15.90	Buy	5 Ordinary Shares
Morgan Stanley & Co. International Plc	7/30/2018	7,580.58	Buy	2,393 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	34.54	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	5,080.00	Buy	1,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	6,695.04	Buy	2,112 Ordinary Shares
Morgan Stanley & Co. International Plc	7/31/2018	1,956.77	Buy	618 Ordinary Shares
Morgan Stanley & Co. International Plc	7/31/2018	5,627.69	Buy	1,775 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	2,790.90	Buy	886 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	3,560.76	Buy	1,134 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	5,349.17	Buy	1,709 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	138.16	Buy	44 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	1,616.53	Buy	514 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	1,777.24	Buy	566 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	8,620.02	Buy	2,754 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	673.03	Buy	214 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	6.35	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	3.18	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	5,972.40	Buy	1,890 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	710.40	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	6.37	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	29.07	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	384.78	Buy	121 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	5,671.82	Buy	1,778 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	4,276.52	Buy	1,324 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,364.25	Buy	425 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,284.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	4,466.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,371.72	Buy	426 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	12.56	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,649.16	Buy	509 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	741.04	Buy	236 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	640.56	Buy	204 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,644.50	Buy	506 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,669.12	Buy	512 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	258.40	Buy	80 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,851.50	Buy	575 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	752.00	Buy	235 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	253.50	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,558.28	Buy	478 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	4,755.00	Buy	1,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	239.25	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	2,688.00	Buy	840 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	73.14	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	302.10	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,349.37	Buy	423 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	821.10	Buy	255 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	3.15	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	35.64	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	159.01	Buy	49 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	2,512.25	Buy	773 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/3/2018	8,095.62	Buy	2,522 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	7,796.75	Buy	2,399 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	3,911.53	Buy	1,211 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	9.54	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	61.37	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	124.02	Buy	39 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	240.50	Buy	74 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	288.93	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	264.87	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	3.27	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	12.60	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	2,697.05	Buy	835 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	3.22	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	6.44	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	22.54	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/6/2018	681.60	Buy	213 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/6/2018	286.20	Buy	90 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/6/2018	21,879.36	Buy	6,816 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/6/2018	686.88	Buy	216 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/6/2018	374.40	Buy	117 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/7/2018	527.88	Buy	166 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/7/2018	1,049.51	Buy	329 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/7/2018	35.20	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/7/2018	3,709.97	Buy	1,163 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/7/2018	66.99	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	159.75	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,001.52	Buy	312 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,132.08	Buy	356 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	379.02	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,324.80	Buy	414 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	727.32	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	356.31	Buy	111 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,268.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	4,405.39	Buy	1,381 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,183.49	Buy	371 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	112.00	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	9.57	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	621.08	Buy	195 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	2,499.48	Buy	786 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/8/2018	1,088.00	Buy	340 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	4,006.08	Buy	1,284 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	19.02	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	9.45	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	98.89	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	9.42	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	3,968.96	Buy	1,264 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	22.02	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	9.41	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	25.04	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	439.24	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,439.52	Buy	772 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	478.80	Buy	152 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,356.20	Buy	748 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,252.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	253.53	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	144.44	Buy	46 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	260.62	Buy	83 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	262.50	Buy	84 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	170.78	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	5,928.00	Buy	1,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,977.96	Buy	636 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	157.75	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	194.37	Buy	62 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,410.50	Buy	455 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	6,422.15	Buy	2,065 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	220.15	Buy	70 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/10/2018	182.41	Buy	58 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,918.24	Buy	608 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	284.40	Buy	90 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	788.75	Buy	250 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,350.96	Buy	433 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	587.76	Buy	186 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	582.18	Buy	186 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	3,653.49	Buy	1,158 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	2,343.03	Buy	745 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	2,241.96	Buy	714 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	299.25	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	786.25	Buy	250 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	59.85	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,342.92	Buy	427 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/13/2018	15.60	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/13/2018	2,149.68	Buy	689 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/13/2018	3,032.25	Buy	975 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/13/2018	607.60	Buy	196 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	1,127.30	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	7,982.00	Buy	2,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	318.24	Buy	104 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	3,460.86	Buy	1,131 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	3.07	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	461.76	Buy	148 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	4,928.00	Buy	1,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	1,372.80	Buy	440 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	2,478.18	Buy	802 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	460.28	Buy	148 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	984.29	Buy	317 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	1,236.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	655.16	Buy	211 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	2,848.90	Buy	919 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	4,368.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	205.59	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	1,786.40	Buy	580 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	1,860.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	3,321.74	Buy	1,082 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	617.76	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	43.54	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	232.13	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	8,528.52	Buy	2,769 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	13,989.36	Buy	4,542 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	2,566.80	Buy	828 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	25.04	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	920.82	Buy	298 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	14,337.50	Buy	4,625 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	988.80	Buy	320 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	12.48	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	385.61	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	210.05	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,240.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,370.94	Buy	438 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	2,546.54	Buy	811 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	6,127.68	Buy	1,964 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	6,598.04	Buy	2,108 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,360.80	Buy	432 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	326.48	Buy	106 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	348.32	Buy	112 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,282.35	Buy	415 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	634.38	Buy	203 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	4,144.80	Buy	1,320 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	7,091.37	Buy	2,262 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	178.70	Buy	57 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	1,195.10	Buy	380 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	1,868.61	Buy	597 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	738.68	Buy	236 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/20/2018	394.38	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	1,858.88	Buy	592 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,861.24	Buy	932 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	6,620.40	Buy	2,160 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,794.50	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,152.50	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,582.08	Buy	512 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	21.77	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,650.45	Buy	869 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	3.07	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	809.90	Buy	260 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	6,193.80	Buy	1,998 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	9,255.00	Buy	3,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	8,371.44	Buy	2,718 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	165.36	Buy	53 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,881.85	Buy	617 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,598.69	Buy	841 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,915.80	Buy	618 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	3,684.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	103.62	Buy	33 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	312.09	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	3,973.20	Buy	1,290 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	2,273.36	Buy	724 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	889.70	Buy	287 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,360.49	Buy	441 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,361.36	Buy	442 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	2,136.72	Buy	696 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	58.24	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,989.53	Buy	647 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,185.39	Buy	383 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	3,318.37	Buy	1,067 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	4,090.24	Buy	1,328 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	2,719.20	Buy	880 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	632.40	Buy	204 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	9.33	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	662.54	Buy	211 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	574.62	Buy	183 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	3,530.64	Buy	1,128 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	753.13	Buy	241 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,987.10	Buy	641 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	4,500.62	Buy	1,466 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	156.06	Buy	51 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	4,249.35	Buy	1,349 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	8,605.60	Buy	2,776 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	8,599.47	Buy	2,783 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,978.16	Buy	632 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	1,558.48	Buy	506 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	792.32	Buy	256 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	8,610.63	Buy	2,751 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	315.12	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	511.86	Buy	167 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	4,475.90	Buy	1,430 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	333.84	Buy	107 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	13,965.63	Buy	4,469 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	277.24	Buy	89 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	6,870.24	Buy	2,202 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	14,280.24	Buy	4,577 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	4,069.00	Buy	1,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	59.66	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	1,940.64	Buy	622 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	800.56	Buy	257 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	314.00	Buy	100 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	15,459.07	Buy	4,939 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	6,101.77	Buy	1,934 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	4,406.40	Buy	1,377 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	6,263.12	Buy	1,982 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/27/2018	187.50	Buy	60 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	5,821.20	Buy	1,848 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	726.50	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	5,133.20	Buy	1,640 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,682.84	Buy	849 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,453.58	Buy	774 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,359.35	Buy	749 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	1,361.96	Buy	431 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	13,057.12	Buy	4,132 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	4,282.67	Buy	1,351 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,117.20	Buy	670 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	3,383.53	Buy	1,081 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	557.14	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	1,256.85	Buy	399 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,194.50	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	115.44	Buy	37 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	27.04	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	541.77	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	10,396.45	Buy	3,085 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	15,693.34	Buy	4,643 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	6,200.85	Buy	1,851 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	11,252.43	Buy	3,339 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	317.13	Buy	93 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	465.12	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	27,459.00	Buy	8,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	337.59	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	4,351.20	Buy	1,295 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	46,511.50	Buy	13,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	310.50	Buy	92 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	343.53	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	23.52	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	2,726.80	Buy	802 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	1,557.75	Buy	465 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	11,461.59	Buy	3,381 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	342.54	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	13.40	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	414.18	Buy	117 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	8,081.82	Buy	2,283 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	19,779.00	Buy	5,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	792.34	Buy	229 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	9,054.50	Buy	2,587 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	6,843.88	Buy	1,978 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	22,115.40	Buy	6,355 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	2,167.42	Buy	614 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	1,162.77	Buy	339 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	313.04	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	1,768.14	Buy	517 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	2,397.57	Buy	699 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	14,364.84	Buy	4,188 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	443.75	Buy	125 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	382.80	Buy	110 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	6,275.88	Buy	1,788 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	13,084.92	Buy	3,826 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	745.40	Buy	217 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	270.97	Buy	79 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	45,213.43	Buy	13,201 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	60,650.64	Buy	17,631 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	11,487.78	Buy	3,359 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	74,760.28	Buy	21,796 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	136.80	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	7,158.25	Buy	2,090 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	159,269.40	Buy	46,570 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	448.80	Buy	132 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	290.28	Buy	85 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	4,870.60	Buy	1,420 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	1,317.44	Buy	368 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/29/2018	65,479.68	Buy	18,816 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/29/2018	368.82	Buy	108 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	506.94	Buy	142 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	2,865.60	Buy	796 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	494.20	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	3,446.24	Buy	952 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	28,887.02	Buy	8,069 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	2,837.12	Buy	806 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	509.01	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	1,117.48	Buy	307 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	3,888.00	Buy	1,080 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	1,367.79	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	631.62	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	4,413.60	Buy	1,226 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	5,688.62	Buy	1,589 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	1,839.11	Buy	513 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	1,708.84	Buy	476 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	433.16	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	278.74	Buy	77 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	2,901.08	Buy	797 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	506.19	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	2,373.54	Buy	663 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	6,811.50	Buy	1,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	3,212.00	Buy	880 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	551.76	Buy	152 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	75,074.08	Buy	20,912 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	554.80	Buy	152 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	563.63	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	183.04	Buy	52 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	4,839.32	Buy	1,348 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	600.37	Buy	167 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	9,360.00	Buy	2,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	309.72	Buy	87 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	2,657.19	Buy	731 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	4,539.08	Buy	1,247 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	47.45	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	23,061.39	Buy	6,353 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	225.06	Buy	62 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	1,466.10	Buy	405 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	1,819.44	Buy	504 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	196.83	Buy	54 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	2,747.21	Buy	761 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	1,219.68	Buy	336 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	3,248.50	Buy	890 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	4,555.20	Buy	1,248 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	1,377.32	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	3,789.72	Buy	1,044 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	15,100.80	Buy	4,160 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	215.65	Buy	59 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	36.10	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	235.95	Buy	65 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	242.54	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	952.65	Buy	261 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	375.96	Buy	104 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	7,761.28	Buy	2,144 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	2,187.64	Buy	601 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	14,369.16	Buy	3,926 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	38,143.94	Buy	10,537 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	545.34	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	28,453.88	Buy	7,817 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	9,328.74	Buy	2,577 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	468.92	Buy	129 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	43.92	Buy	12 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	97.47	Buy	27 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	9,066.60	Buy	2,484 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/31/2018	1,163.88	Buy	318 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/3/2018	281.05	Buy	77 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	186.94	Buy	52 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	10,054.80	Buy	2,793 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	370.26	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	282.75	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	628.14	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	6,671.28	Buy	1,848 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	28,422.00	Buy	7,895 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	1,119.10	Buy	310 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	38,343.04	Buy	10,592 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	8,568.56	Buy	2,354 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	1,642.55	Buy	455 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	20,649.60	Buy	5,736 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	9,348.88	Buy	2,579 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	1,717.20	Buy	477 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	14,385.69	Buy	3,963 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	633.50	Buy	175 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	4,059.65	Buy	1,123 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	6,689.33	Buy	1,853 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	57,247.38	Buy	15,858 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	969.75	Buy	269 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	1,001.00	Buy	275 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	814.50	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	281.60	Buy	80 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	4,429.62	Buy	1,262 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,035.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	443.52	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	911.68	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	7,186.37	Buy	2,071 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	301.02	Buy	87 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	4,205.45	Buy	1,205 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	3,773.44	Buy	1,072 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,863.81	Buy	531 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,740.38	Buy	503 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	3,491.40	Buy	1,012 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	9,347.44	Buy	2,648 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,836.54	Buy	513 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	120,722.00	Buy	34,492 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	490.00	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,543.50	Buy	441 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,827.00	Buy	525 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	301.86	Buy	86 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	2,779.00	Buy	794 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	5,896.80	Buy	1,680 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	32,196.50	Buy	9,199 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	30,407.13	Buy	8,663 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	563.50	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	2,094.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	3,264.30	Buy	930 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	6,808.26	Buy	1,948 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	28.64	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	530.15	Buy	153 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	38.72	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	175.50	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	35.20	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	1,084.59	Buy	309 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	28.24	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	5,271.75	Buy	1,485 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	3,085.29	Buy	879 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	1,320.42	Buy	373 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	92.04	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	14.20	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	28,035.21	Buy	7,853 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	816.24	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	1,213.42	Buy	338 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	4,292.48	Buy	1,216 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/5/2018	17,999.36	Buy	5,056 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	10,325.25	Buy	2,925 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	16,500.60	Buy	4,635 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	1,319.05	Buy	370 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	711.54	Buy	201 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	209.75	Buy	59 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	27,853.14	Buy	7,802 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	797.44	Buy	224 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	7,090.02	Buy	1,986 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	39.16	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	10,135.25	Buy	2,855 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	13,098.00	Buy	3,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	592.20	Buy	168 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	2,031.33	Buy	569 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	15,364.40	Buy	4,328 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	2,608.67	Buy	739 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	63.36	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	1,188.81	Buy	333 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	15,356.52	Buy	4,338 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	1,390.82	Buy	394 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	2,087.40	Buy	588 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	24.78	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	163.30	Buy	46 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	7,048.80	Buy	1,980 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	153.94	Buy	43 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	926.64	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	3,979.55	Buy	1,121 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	3,987.69	Buy	1,117 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	105.60	Buy	30 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	20,698.38	Buy	5,847 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	92.82	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	3,443.96	Buy	962 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	99.96	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	1,793.24	Buy	508 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	21.36	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	225.92	Buy	64 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	5,168.80	Buy	1,456 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	256.32	Buy	72 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	982.80	Buy	280 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	21.30	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	1,585.92	Buy	448 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	3,554.16	Buy	1,004 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	433.10	Buy	122 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	1,175.68	Buy	334 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	140.80	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	236.51	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	451.84	Buy	128 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	4,047.24	Buy	1,163 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	2,488.50	Buy	711 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	2,268.50	Buy	650 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	8,620.50	Buy	2,463 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	645.65	Buy	185 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	2,464.02	Buy	702 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	6.99	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	4,079.84	Buy	1,186 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	1,053.01	Buy	307 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,607.76	Buy	464 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,759.59	Buy	513 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,388.52	Buy	406 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	3,987.07	Buy	1,154 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	560.52	Buy	162 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	3,109.12	Buy	896 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,552.50	Buy	450 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	710.01	Buy	207 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	4,398.75	Buy	1,275 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	71.40	Buy	21 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/17/2018	434.34	Buy	127 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	453.59	Buy	134 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	144.90	Buy	42 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	806.82	Buy	238 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	20.70	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,666.52	Buy	461 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	296.02	Buy	82 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	294.95	Buy	85 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	2,776.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	138.80	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	22,613.41	Buy	6,299 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	2,538.27	Buy	711 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	14,212.57	Buy	3,937 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	891.54	Buy	254 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	8,032.26	Buy	2,269 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	6,607.36	Buy	1,856 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	127.08	Buy	36 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	4,007.34	Buy	1,107 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,879.75	Buy	515 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	802.30	Buy	226 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	3,312.40	Buy	910 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	12,669.62	Buy	3,539 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	3,283.00	Buy	938 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,324.87	Buy	361 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	103.53	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	573.20	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	196.65	Buy	57 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,384.84	Buy	389 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	5,175.00	Buy	1,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	291.33	Buy	83 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	283.61	Buy	79 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	70.60	Buy	20 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,399.62	Buy	379 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,466.52	Buy	404 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	8,841.60	Buy	2,456 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	126.72	Buy	36 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,072.80	Buy	298 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	8,505.84	Buy	2,324 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	3,352.48	Buy	911 Ordinary Shares
Morgan Stanley & Co. International Plc	9/18/2018	1,304.34	Buy	353 Ordinary Shares
Morgan Stanley & Co. International Plc	9/18/2018	95.29	Buy	26 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,504.70	Buy	410 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,263.24	Buy	348 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	198.83	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	120.78	Buy	33 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	2,185.02	Buy	597 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	639.84	Buy	172 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	612.54	Buy	166 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	394.04	Buy	109 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	12,138.36	Buy	3,263 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	3,822.10	Buy	1,033 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	2,704.59	Buy	729 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	2,547.36	Buy	696 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	832.88	Buy	232 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	809.41	Buy	217 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	3,249.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	955.71	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,303.12	Buy	364 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,376.05	Buy	377 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	957.87	Buy	261 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	4,919.58	Buy	1,359 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	769.12	Buy	209 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,587.60	Buy	441 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	83.03	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	764.40	Buy	210 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	960.89	Buy	259 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/19/2018	1,094.95	Buy	305 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	269.25	Buy	75 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	9,477.16	Buy	2,618 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	106.14	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	954.60	Buy	258 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	2,873.56	Buy	796 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,273.85	Buy	349 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	690.64	Buy	194 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	856.76	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	761,616.00	Buy	177,120 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	537,500.00	Buy	125,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	215,500.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	19,150.56	Buy	4,464 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	2,153,440.00	Buy	500,800 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	425,666.88	Buy	98,534 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	2,156,784.34	Buy	500,414 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	1,291.50	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	184,985.20	Buy	42,920 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	634,464.66	Buy	147,037 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	4,861.68	Buy	1,128 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	33,328.36	Buy	7,787 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	101,718.54	Buy	23,628 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	107,500.00	Buy	25,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	38,690.87	Buy	8,977 Ordinary Shares
Morgan Stanley & Co. International Plc	9/24/2018	4,861.68	Buy	1,128 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	99.25	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	2,162,500.00	Buy	500,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	2,507.02	Buy	581 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	4,825.44	Buy	1,117 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	375.41	Buy	87 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	39,208.15	Buy	9,055 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	142,305.12	Buy	32,941 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	30.24	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	2,898.72	Buy	671 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	255,240.88	Buy	59,152 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	21,409.92	Buy	4,956 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	5,944.32	Buy	1,376 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	1,251.37	Buy	289 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	115,055.16	Buy	26,664 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	442,441.44	Buy	102,417 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	1,078,750.00	Buy	250,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	240,809.76	Buy	55,743 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	4,066,450.56	Buy	941,308 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	1,378,334.26	Buy	318,322 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	1,278.72	Buy	296 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	168.87	Buy	39 Ordinary Shares
Morgan Stanley & Co. International Plc	9/25/2018	1,182.31	Buy	274 Ordinary Shares
Morgan Stanley & Co. International Plc	9/25/2018	1,700.11	Buy	394 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	272,378.09	Buy	62,965 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	7,031.92	Buy	1,624 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	4,073.76	Buy	943 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	889.92	Buy	206 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	135,000.00	Buy	31,250 Ordinary Shares
Morgan Stanley & Co. International Plc	9/27/2018	N/A	Collateral Received	217,744 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	49,864.28	Buy	11,516 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	12.96	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	16,204.32	Buy	3,751 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	24,369.24	Buy	5,628 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	214,584.33	Buy	49,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/28/2018	66,920.15	Buy	15,455 Ordinary Shares
Morgan Stanley & Co. International Plc	9/28/2018	3,472.98	Buy	803 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/2/2018	336.96	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/2/2018	6,109.63	Buy	1,411 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/2/2018	16,224.51	Buy	3,747 Ordinary Shares
Morgan Stanley & Co. International Plc	10/2/2018	336.96	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/3/2018	4.33	Buy	1 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/4/2018	450,584.64	Buy	104,302 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	23,902.56	Buy	5,533 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	146,525.76	Buy	33,918 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	773.28	Buy	179 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	271.53	Buy	63 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	12,657.60	Buy	2,930 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	248,286.18	Buy	57,523 Ordinary Shares
Morgan Stanley & Co. International Plc	10/5/2018	N/A	Collateral Received	256,038 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	863,000.00	Buy	200,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	514.68	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	583.20	Buy	135 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	1,007.73	Buy	233 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	863,000.00	Buy	200,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	871,513.50	Buy	201,973 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	385,057.66	Buy	89,237 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	55,373.74	Buy	12,829 Ordinary Shares
Morgan Stanley & Co. International Plc	10/5/2018	863,000.00	Buy	200,000 Ordinary Shares
Morgan Stanley & Co. International Plc	10/5/2018	431,500.00	Buy	100,000 Ordinary Shares
Morgan Stanley & Co. International Plc	10/5/2018	670.29	Buy	155 Ordinary Shares
Morgan Stanley & Co. International Plc	10/8/2018	N/A	Collateral Received	250,950 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/8/2018	38.88	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/8/2018	18,188.74	Buy	4,210 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/8/2018	90.83	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/8/2018	1,899,868.70	Buy	439,276 Ordinary Shares
Morgan Stanley & Co. International Plc	10/8/2018	18,188.74	Buy	4,210 Ordinary Shares
Morgan Stanley & Co. International Plc	10/8/2018	6,041.99	Buy	1,397 Ordinary Shares
Morgan Stanley & Co. International Plc	10/9/2018	N/A	Collateral Received	398,394 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/9/2018	3,867,025.75	Buy	894,110 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/9/2018	410.88	Buy	95 Ordinary Shares
Morgan Stanley & Co. International Plc	10/10/2018	N/A	Collateral Received	297,307 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2018	5,568.38	Buy	1,286 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2018	11,892.96	Buy	2,753 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2018	7,037.28	Buy	1,629 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2018	64,800.00	Buy	15,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/10/2018	2,496.96	Buy	578 Ordinary Shares
Morgan Stanley & Co. International Plc	10/10/2018	36,020.43	Buy	8,332 Ordinary Shares
Morgan Stanley & Co. International Plc	10/10/2018	1,678.10	Buy	388 Ordinary Shares
Morgan Stanley & Co. International Plc	10/11/2018	31,129.68	Buy	7,206 Ordinary Shares
Morgan Stanley & Co. International Plc	10/12/2018	N/A	Collateral Received	32 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	2,634,635.44	Buy	610,576 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	1,562.03	Buy	362 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	737.87	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	29,177.28	Buy	6,754 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	25.89	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2018	527.04	Buy	122 Ordinary Shares
Morgan Stanley & Co. International Plc	10/12/2018	737.87	Buy	171 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	2,157,500.00	Buy	500,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	240,851.42	Buy	55,882 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	2,799.36	Buy	648 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	19,154.88	Buy	4,434 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	293.08	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	3,236,250.00	Buy	750,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	864,860.00	Buy	200,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/15/2018	17,827.20	Buy	4,135 Ordinary Shares
Morgan Stanley & Co. International Plc	10/16/2018	N/A	Collateral Received	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/16/2018	11,016.00	Buy	2,550 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/16/2018	1,534,805.10	Buy	355,570 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/16/2018	197,737.45	Buy	45,865 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	327.94	Buy	76 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	81.89	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	215,715.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	28,732.32	Buy	6,651 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	4,939,890.90	Buy	1,144,430 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	21,588.79	Buy	5,009 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	33,903.36	Buy	7,848 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2018	215,564.65	Buy	50,000 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/17/2018	215,715.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	88,369.92	Buy	20,456 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	755.13	Buy	175 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	604.80	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	2,393.28	Buy	554 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	293.08	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	436.32	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	2,103.84	Buy	487 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	390,956.67	Buy	90,682 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2018	1,277.24	Buy	296 Ordinary Shares
Morgan Stanley & Co. International Plc	10/19/2018	N/A	Collateral Received	506,686 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	150.85	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	59,239.65	Buy	13,731 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	392.67	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	432.00	Buy	100 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	11,409.12	Buy	2,641 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2018	2,259.36	Buy	523 Ordinary Shares
Morgan Stanley & Co. International Plc	10/22/2018	N/A	Collateral Received	133,003 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/22/2018	320,755.68	Buy	74,249 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/22/2018	72,472.32	Buy	16,776 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/22/2018	120,291.22	Buy	27,868 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/22/2018	2,643.84	Buy	612 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/22/2018	12,307.68	Buy	2,849 Ordinary Shares
Morgan Stanley & Co. International Plc	10/22/2018	1,183.68	Buy	274 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	2,407.77	Buy	558 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	16,988.16	Buy	3,937 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	100,267.20	Buy	23,210 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	1,931.04	Buy	447 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	4,363.20	Buy	1,010 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	216,216.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	1,043.02	Buy	242 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	115,013.46	Buy	26,562 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	216,000.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	2,458,337.40	Buy	569,521 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/23/2018	57,939.47	Buy	13,439 Ordinary Shares
Morgan Stanley & Co. International Plc	10/23/2018	10,755.44	Buy	2,491 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	139,233.60	Buy	32,230 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	809,062.50	Buy	187,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	911,988.20	Buy	211,353 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	431,000.00	Buy	100,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	72,688.15	Buy	16,865 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	1,523.20	Buy	353 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	525.82	Buy	122 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	1,199.57	Buy	278 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	5,378.88	Buy	1,248 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	809,062.50	Buy	187,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	431,431.00	Buy	100,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	431,129.30	Buy	100,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	801,598.80	Buy	185,800 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2018	431,129.30	Buy	100,000 Ordinary Shares
Morgan Stanley & Co. International Plc	10/24/2018	809,062.50	Buy	187,500 Ordinary Shares
Morgan Stanley & Co. International Plc	10/24/2018	269,687.50	Buy	62,500 Ordinary Shares
Morgan Stanley & Co. International Plc	10/24/2018	228.67	Buy	53 Ordinary Shares
Morgan Stanley & Co. International Plc	10/24/2018	2,393.33	Buy	555 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	288.44	Buy	67 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	228,901.16	Buy	53,171 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	18,808.84	Buy	4,364 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	197.80	Buy	46 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	2,406.50	Buy	559 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	4,904.78	Buy	1,138 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	9,097.92	Buy	2,106 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	418.07	Buy	97 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	758.56	Buy	176 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	215,715.50	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	14,349.10	Buy	3,336 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	159,793.30	Buy	37,150 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/25/2018	430,129.00	Buy	100,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2018	53,084.16	Buy	12,288 Ordinary Shares
Morgan Stanley & Co. International Plc	10/25/2018	2,396.36	Buy	556 Ordinary Shares
Morgan Stanley & Co. International Plc	10/25/2018	288.44	Buy	67 Ordinary Shares

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
Morgan Stanley & Co. International plc	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley Wealth Management Australia Pty Ltd	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley Australia Securities Limited	Is a body corporate controlled by each upstream entity as listed in Annexure A

7. Addresses

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

Name	Address
Morgan Stanley & Co. International plc	Legal & Compliance Department, 25 Cabot Square, Canary Wharf, London, E14 4QA, UNITED KINGDOM.
Morgan Stanley Wealth Management Australia Pty Ltd	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley Australia Securities Limited	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley	1585 Broadway, New York, New York, 10036, USA.

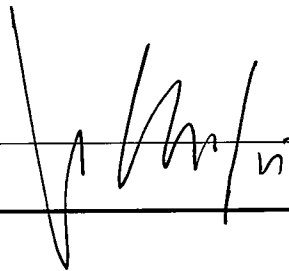
Signature

print name Wilson Li

capacity Vice President

sign here

date October 30 2018



Annexure A

List of Morgan Stanley and its subsidiaries that have a relevant interest or deemed to have a relevant interest in the shares or units stated in Section 3.

Name
└─ Morgan Stanley
├─ Morgan Stanley International Holdings Inc.
│ └─ Morgan Stanley International Limited
│ └─ Morgan Stanley Investments (UK)
│ └─ Morgan Stanley & Co. International plc
├─ Morgan Stanley International Incorporated
│ └─ Morgan Stanley (Australia) Securities Holdings Pty Limited
│ └─ Morgan Stanley Australia Securities Limited
├─ Morgan Stanley Capital Management, LLC
│ └─ Morgan Stanley Domestic Holdings, Inc.
│ └─ Morgan Stanley Wealth Management Australia Pty Ltd

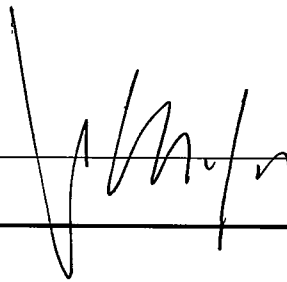
Signature

print name Wilson Li

capacity Vice President

sign here

date October 30 2018



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 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown."
- (9) Details of the consideration must include any and all benefits, moneys 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.

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 603.

Signature

This form must be signed by either a director or a secretary of the substantial holder.

Nil

Lodging period

Lodging Fee

Nil

Other forms to be completed

Nil

Additional information

- (a) If additional space is required to complete a question, the information may be included on a separate piece of paper annexed to the form.
- (b) This notice must be given to a listed company, or the responsible entity for a listed managed investment scheme. A copy of this notice must also be given to each relevant securities exchange.
- (c) The person must give a copy of this notice:
 - (i) within 2 business days after they become aware of the information; or
 - (ii) by 9.30 am on the next trading day of the relevant securities exchange after they become aware of the information if:
 - (A) a takeover bid is made for voting shares in the company or voting interests in the scheme; and
 - (B) the person becomes aware of the information during the bid period.

Annexures

- To make any annexure conform to the regulations, you must
- 1 use A4 size paper of white or light pastel colour with a margin of at least 10mm on all sides
 - 2 show the corporation name and ACN or ARBN
 - 3 number the pages consecutively
 - 4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied
 - 5 identify the annexure with a mark such as A, B, C, etc
 - 6 endorse the annexure with the words:
This is annexure (mark) of (number) pages referred to in form (form number and title)
 - 7 sign and date the annexure.
- The annexure must be signed by the same person(s) who signed the form.

Information in this guide is intended as a guide only. Please consult your accountant or solicitor for further advice.



Annexure B:

This is Annexure B referred to in the Form 603: Notice of becoming a substantial holder issued by Morgan Stanley and its subsidiaries. The following is description of the securities lending agreements referenced in the accompanying Form 603.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and JPMORGAN CHASE BANK, N.A.
Transfer Date	20181002; 20181005; 20181009; 20181011; 20181012; 20181015; 20181016; 20181017;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail	The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and SPECIFIED MONEY TRUST FUND NO.400076161 FOR TOKYO ELECTRON LIMITED ENTRUSTED TO THE MASTER TRUST BANK OF JAPAN, LTD.
Transfer Date	20180927; 20180928; 20181001; 20181008; 20181010; 20181019; 20181023; 20181025;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/No
If yes, detail	The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.
Does the lender have the right to recall early?	Yes/No
If yes, detail	The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.
Will the securities be returned on settlement?	Yes/No
If yes, detail any exceptions	If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and SPECIFIED MONEY TRUST FUND NO.400076192 FOR JAPAN AIRLINES CO., LTD. ENTRUSTED TO THE MASTER TRUST BANK OF JAPAN, LTD.
Transfer Date	20180925; 20181008; 20181011; 20181012; 20181015; 20181017; 20181018; 20181022; 20181023; 20181024; 20181025;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes/No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open

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

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

Signature

print name Wilson Li

capacity Vice President

sign here

date October 30 2018

