

**Form 603**  
Corporations Act 2001  
Section 671B

**Notice of initial substantial holder**

To Company Name/Scheme TITOMIC LIMITED

ACN/ARSN 602 793 644

**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 09, 2018

The holder became aware on October 11, 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	6,146,266	6,146,266	5.00%
			Based on 122,898,217 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 prime brokerage arrangement.	93,416 Ordinary Shares
Morgan Stanley & Co. LLC	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 prime brokerage arrangement.	9,919 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.	6,042,931 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.	6,146,266 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 Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	6,042,931 Ordinary Shares
Morgan Stanley & Co. International plc	Unknown	Not Applicable	93,416 Ordinary Shares

Morgan Stanley & Co. LLC	Unknown	Not Applicable	9,919 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	6/12/2018	24,030.00	Buy	9,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	263.61	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	289.71	Buy	111 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	32,750.00	Buy	12,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	32,625.00	Buy	12,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	13,600.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	11,349.11	Buy	4,219 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	1,812.07	Buy	689 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	27,000.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	13,650.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	37,520.00	Buy	14,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	321.03	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	20,930.89	Buy	7,781 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	2,864.70	Buy	1,061 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	62.64	Buy	24 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/12/2018	8,547.50	Buy	3,250 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/13/2018	5.22	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	28.27	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	5.14	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	59,081.73	Buy	22,989 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	127,270.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	51.20	Buy	20 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/14/2018	5,140.00	Buy	2,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/15/2018	45,203.60	Buy	17,386 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/15/2018	39,150.00	Buy	15,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/15/2018	390,573.15	Buy	150,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,611.20	Buy	608 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,739.40	Buy	669 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	7,797.90	Buy	3,058 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,017.72	Buy	396 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	718.08	Buy	272 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	2,647.04	Buy	1,034 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	32,281.77	Buy	12,561 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	64,000.00	Buy	25,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,965.60	Buy	756 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	69,930.00	Buy	27,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,536.70	Buy	605 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	26,000.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	346.80	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	3,388.36	Buy	1,334 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	3,508.80	Buy	1,360 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	3,306.44	Buy	1,262 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	505.40	Buy	190 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	1,221.74	Buy	481 Ordinary Shares

Morgan Stanley Australia Securities Limited	6/18/2018	6,268.23	Buy	2,439 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	4,134.24	Buy	1,584 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	2,487.12	Buy	964 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	44,499.84	Buy	17,248 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	2,836.13	Buy	1,121 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	7,395.19	Buy	2,923 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/18/2018	2,123.80	Buy	820 Ordinary Shares
Morgan Stanley & Co. International Plc	6/19/2018	1,819.03	Buy	730 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	1,715.61	Buy	689 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	119.38	Buy	47 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	23,899.92	Buy	9,876 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	474.24	Buy	192 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	24,367.14	Buy	9,786 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	17,556.70	Buy	7,166 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	1,910.11	Buy	761 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	831.48	Buy	338 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	1,639.68	Buy	672 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	929.88	Buy	378 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	230.85	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	43,084.21	Buy	17,443 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	9,760.00	Buy	4,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	300.08	Buy	124 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	678.65	Buy	277 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	21,370.00	Buy	8,548 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	1,215.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	10,211.60	Buy	4,168 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	504.00	Buy	200 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	6,315.79	Buy	2,557 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	3,067.50	Buy	1,227 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	402.50	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	47,253.78	Buy	19,446 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	2,097.20	Buy	856 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	534.60	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	2,747.50	Buy	1,099 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	3,591.70	Buy	1,466 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	560.25	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	12.55	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	12,982.86	Buy	5,214 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	197.24	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	2,008.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	1,258.78	Buy	505 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	538.48	Buy	212 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	508.53	Buy	201 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	24,800.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	553.88	Buy	227 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/19/2018	637.26	Buy	258 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	598.56	Buy	258 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	94,000.00	Buy	40,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	596.24	Buy	257 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	224.40	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	226.72	Buy	104 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	163.10	Buy	70 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	1,678.08	Buy	736 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	259.92	Buy	114 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	61.56	Buy	27 Ordinary Shares

Morgan Stanley Australia Securities Limited	6/20/2018	554.30	Buy	241 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	126.36	Buy	54 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	80,603.76	Buy	34,743 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	233.31	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	222.13	Buy	97 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	115,000.00	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/20/2018	1,146.60	Buy	490 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	223.20	Buy	90 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	11,070.00	Buy	4,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	285.20	Buy	115 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	34,211.60	Buy	13,795 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	1,560.65	Buy	637 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	22,266.60	Buy	9,435 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	12,116.00	Buy	5,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	30,250.00	Buy	12,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	7,470.00	Buy	3,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	12,000.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	622.30	Buy	254 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	295.00	Buy	118 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	11,900.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	282.72	Buy	114 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	1,230.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	379.96	Buy	161 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/22/2018	10,955.00	Buy	4,382 Ordinary Shares
Morgan Stanley & Co. International Plc	6/22/2018	295.00	Buy	118 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/26/2018	216,209.68	Buy	89,365 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/27/2018	86,954.00	Buy	35,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/28/2018	67,465.99	Buy	25,005 Ordinary Shares
Morgan Stanley Australia Securities Limited	6/29/2018	704,184.00	Buy	260,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/2/2018	13,470.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	4,733.04	Buy	2,132 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/4/2018	349.50	Buy	150 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/11/2018	1,191.75	Buy	525 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/16/2018	2.14	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/17/2018	1,907.50	Buy	875 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	40.32	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	194.01	Buy	87 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	18.24	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/24/2018	2.23	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	82.51	Buy	37 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	309.40	Buy	136 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	2,527.74	Buy	1,116 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	3,720.53	Buy	1,639 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	3,914.32	Buy	1,732 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	241.82	Buy	107 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	6,741.58	Buy	2,983 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	989.52	Buy	434 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	1,046.08	Buy	467 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	385.77	Buy	167 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	675.12	Buy	291 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	936.61	Buy	409 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	2,341.65	Buy	1,005 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	575.00	Buy	250 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/25/2018	1,919.25	Buy	853 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	54.96	Buy	24 Ordinary Shares

Morgan Stanley Australia Securities Limited	7/26/2018	561.05	Buy	245 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	3,693.29	Buy	1,627 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	1,114.18	Buy	493 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/26/2018	3,445.08	Buy	1,511 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	324.61	Buy	143 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	3,080.05	Buy	1,345 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	154.70	Buy	68 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	5,218.73	Buy	2,299 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,700.23	Buy	749 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	680.96	Buy	304 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,039.66	Buy	454 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,372.56	Buy	602 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,882.65	Buy	815 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/27/2018	1,570.90	Buy	683 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	38,921.12	Buy	16,492 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	544.50	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	339.72	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	639.45	Buy	261 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	763.14	Buy	322 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	447.12	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	379.20	Buy	158 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	11.78	Buy	5 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	295.85	Buy	121 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	243.60	Buy	105 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	281.88	Buy	116 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	326.06	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	7,982.94	Buy	3,486 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	457.84	Buy	194 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	540.44	Buy	236 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	437.88	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	1,000.64	Buy	424 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	17,010.24	Buy	7,332 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	1,026.60	Buy	435 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	6,340.95	Buy	2,745 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	484.00	Buy	200 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	552.16	Buy	232 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	370.88	Buy	152 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	416.52	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	410.88	Buy	173 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	21,838.88	Buy	9,176 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	1,256.64	Buy	528 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	7.17	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	129.60	Buy	54 Ordinary Shares
Morgan Stanley Australia Securities Limited	7/31/2018	137.76	Buy	56 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/1/2018	595.11	Buy	249 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	377.30	Buy	154 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	88.06	Buy	37 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	740.18	Buy	311 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,023.03	Buy	421 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	554.83	Buy	226 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,556.72	Buy	638 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	352.35	Buy	145 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	7,915.95	Buy	3,231 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,400.21	Buy	581 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	2,772.50	Buy	1,109 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/2/2018	824.10	Buy	335 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	825.84	Buy	333 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	2,380.95	Buy	990 Ordinary Shares
Morgan Stanley & Co. International Plc	8/2/2018	554.83	Buy	226 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	996.68	Buy	411 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,317.21	Buy	529 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	1,875.50	Buy	775 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	2.49	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	944.10	Buy	383 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	9,418.11	Buy	3,813 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/2/2018	4,668.00	Buy	1,945 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	7.17	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/3/2018	433.84	Buy	187 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	833.66	Buy	373 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,587.12	Buy	1,168 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,402.04	Buy	1,082 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,539.97	Buy	1,139 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,513.00	Buy	680 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	5,989.50	Buy	2,662 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	859.14	Buy	387 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	882.00	Buy	392 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,255.49	Buy	563 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	588.72	Buy	264 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	897.90	Buy	410 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,797.88	Buy	1,238 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	391.17	Buy	177 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	54.75	Buy	25 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	650.25	Buy	289 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	101.25	Buy	45 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	4,081.28	Buy	1,822 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,768.09	Buy	1,233 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,151.41	Buy	521 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	119.90	Buy	55 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	245.25	Buy	109 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,973.53	Buy	893 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	1,081.35	Buy	486 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	2,228.88	Buy	1,004 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/9/2018	762.72	Buy	336 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	2,974.66	Buy	1,346 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	4.48	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,264.41	Buy	567 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	20,213.44	Buy	8,944 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	4.50	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,172.60	Buy	520 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	1,751.68	Buy	782 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/10/2018	17,199.00	Buy	7,644 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	402.75	Buy	179 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	418.88	Buy	187 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	28.99	Buy	13 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	326.34	Buy	147 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/14/2018	2.20	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	290.61	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	2,761.00	Buy	1,255 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	265.68	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	346.62	Buy	159 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/15/2018	2,647.71	Buy	1,209 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	1,563.06	Buy	717 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	559.00	Buy	260 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	1,177.20	Buy	540 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	742.41	Buy	339 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	497.13	Buy	227 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	2,193.87	Buy	1,011 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	388.96	Buy	176 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/15/2018	856.95	Buy	394 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	166.92	Buy	78 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	189.28	Buy	91 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	16.40	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	590.01	Buy	277 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	237.44	Buy	112 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	656.19	Buy	317 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	35.70	Buy	17 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	78.44	Buy	37 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	696.80	Buy	335 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	409.94	Buy	199 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	1,139.18	Buy	553 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/16/2018	65.41	Buy	31 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	330.89	Buy	163 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	7.88	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	249.48	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	10,374.00	Buy	5,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	8,652.00	Buy	4,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	626.46	Buy	318 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	597.36	Buy	304 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,107.95	Buy	566 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,073.65	Buy	545 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	394.84	Buy	203 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	477.24	Buy	246 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	506.35	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	253.81	Buy	129 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	328.00	Buy	160 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	3,831.05	Buy	1,985 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	66.64	Buy	34 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	310.05	Buy	159 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	182.75	Buy	93 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	585.81	Buy	283 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	422.30	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,352.40	Buy	690 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	306.94	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	17.37	Buy	9 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	1,373.54	Buy	699 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/17/2018	317.14	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	370.56	Buy	192 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	231.53	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	2,385.50	Buy	1,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	18,100.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	18,600.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	168.26	Buy	94 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	246.72	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	306.90	Buy	165 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	815.49	Buy	442 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/20/2018	17,492.40	Buy	9,718 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	417.81	Buy	228 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	25,802.85	Buy	14,415 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	11,220.00	Buy	6,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	1,047.15	Buy	585 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	507.60	Buy	282 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	238.74	Buy	133 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	546.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	514.74	Buy	276 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	464.26	Buy	253 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	885.60	Buy	492 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	1,083.60	Buy	602 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	905.80	Buy	473 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	739.10	Buy	380 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	295.30	Buy	154 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	475.02	Buy	252 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	538.35	Buy	291 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	336.72	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	730.48	Buy	397 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	991.29	Buy	519 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	36,075.00	Buy	19,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	17.90	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	34.68	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	392.73	Buy	212 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	323.85	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	241.92	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	889.35	Buy	490 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	22,937.50	Buy	12,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	22,080.00	Buy	12,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	356.40	Buy	198 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/20/2018	201,817.00	Buy	110,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,891.14	Buy	1,498 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	432.00	Buy	225 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	459.24	Buy	258 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	525.30	Buy	309 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	627.44	Buy	341 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	924.43	Buy	515 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	561.44	Buy	319 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	26,400.00	Buy	15,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,015.65	Buy	549 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	531.27	Buy	301 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	636.27	Buy	334 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	453.86	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	980.20	Buy	520 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	841.35	Buy	426 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,943.04	Buy	1,056 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,612.88	Buy	1,368 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	3.67	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	10,325.00	Buy	5,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,713.02	Buy	883 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	30,631.80	Buy	16,122 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	52,590.46	Buy	31,681 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,058.98	Buy	1,078 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,526.98	Buy	839 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	3,723.85	Buy	2,210 Ordinary Shares



Morgan Stanley Australia Securities Limited	8/21/2018	904.50	Buy	540 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	874.13	Buy	525 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	30,837.14	Buy	18,193 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,546.60	Buy	814 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	4,590.00	Buy	2,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	148,351.00	Buy	84,772 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	550.25	Buy	310 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	856.18	Buy	481 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	17,300.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	183.60	Buy	102 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	503.43	Buy	291 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	9,742.26	Buy	5,599 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	448.56	Buy	267 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,264.98	Buy	727 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	2,438.24	Buy	1,244 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	246.01	Buy	146 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	676.20	Buy	345 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,673.00	Buy	956 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	567.30	Buy	305 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,819.76	Buy	981 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	3.58	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	665.81	Buy	357 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	926.64	Buy	528 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	581.35	Buy	302 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	16,706.32	Buy	9,629 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	741.05	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/21/2018	1,719.50	Buy	950 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	740.52	Buy	374 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/22/2018	506.88	Buy	256 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	2,003.09	Buy	1,046 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	13,585.20	Buy	7,207 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	716.25	Buy	375 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	7,194.24	Buy	3,747 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	186.35	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	1,266.30	Buy	670 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	513.79	Buy	269 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	19,050.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	33,379.16	Buy	17,476 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	136,528.00	Buy	70,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/23/2018	5,688.79	Buy	3,002 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	672.73	Buy	355 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	3,012.30	Buy	1,573 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	47,562.82	Buy	24,902 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	9,387.50	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	9,239.05	Buy	4,678 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	2,253.62	Buy	1,183 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/24/2018	65,884.41	Buy	34,137 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	2,606.31	Buy	1,379 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/27/2018	76,042.80	Buy	40,386 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	46,170.00	Buy	25,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	842.58	Buy	453 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	2,597.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	2,840.40	Buy	1,523 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/28/2018	5,890.62	Buy	3,167 Ordinary Shares
Morgan Stanley Australia Securities Limited	8/30/2018	2,333.25	Buy	1,275 Ordinary Shares

Morgan Stanley Australia Securities Limited	8/31/2018	534,911.48	Buy	252,985 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/3/2018	208,802.70	Buy	100,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	12.78	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	848.70	Buy	414 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	953.25	Buy	465 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/4/2018	40.47	Buy	19 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/5/2018	1,560.00	Buy	750 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	4,318.38	Buy	2,181 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/6/2018	2,242.00	Buy	1,121 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	2,578.50	Buy	1,350 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	1,451.57	Buy	766 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	2,323.70	Buy	1,223 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	447.93	Buy	237 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/7/2018	299.87	Buy	157 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	2,776.32	Buy	1,446 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	1,922.28	Buy	996 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	286.50	Buy	150 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	26.53	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/10/2018	1,004.66	Buy	526 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	3,152.00	Buy	1,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/11/2018	1,617.66	Buy	836 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	269.89	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	157.95	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	1,228.15	Buy	638 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	879.45	Buy	451 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	1,321.14	Buy	681 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	5,499.90	Buy	2,835 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	503.76	Buy	259 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	1,821.92	Buy	944 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	2,310.81	Buy	1,182 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	3,163.73	Buy	1,635 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	2,536.28	Buy	1,304 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/12/2018	834.96	Buy	426 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	1,084.28	Buy	549 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	2,420.60	Buy	1,235 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	42.24	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	4,052.70	Buy	2,052 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	373.28	Buy	189 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	488.75	Buy	250 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	606.76	Buy	308 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	1,975.35	Buy	1,013 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	620.46	Buy	319 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	1,813.51	Buy	947 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	2,005.46	Buy	1,018 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	550.20	Buy	280 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	535.95	Buy	270 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	1,947.18	Buy	996 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	3,390.72	Buy	1,766 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/13/2018	879.12	Buy	444 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,352.80	Buy	712 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,100.16	Buy	576 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	798.20	Buy	419 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	7,065.09	Buy	3,699 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	444.68	Buy	231 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	190.50	Buy	100 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/14/2018	3,729.99	Buy	1,958 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	120.02	Buy	63 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	425.69	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	98.28	Buy	52 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,151.15	Buy	598 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,127.04	Buy	587 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	1,520.00	Buy	800 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	66.68	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/14/2018	347.52	Buy	181 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	7.58	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	443.68	Buy	236 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	927.20	Buy	488 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	1,215.83	Buy	645 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	373.70	Buy	202 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	945.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	2,148.93	Buy	1,137 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/17/2018	5,185.68	Buy	2,788 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	2,022.41	Buy	1,133 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	470.82	Buy	266 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	3,157.20	Buy	1,754 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	578.28	Buy	316 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	971.39	Buy	533 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	499.01	Buy	278 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	7.32	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	3,812.90	Buy	2,095 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	2,826.41	Buy	1,579 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	565.47	Buy	309 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	1,454.26	Buy	817 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	759.20	Buy	416 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	2,920.34	Buy	1,609 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/18/2018	559.55	Buy	310 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	550.88	Buy	313 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	17,550.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	56,686.08	Buy	32,208 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	114,725.00	Buy	65,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	645.75	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	520.68	Buy	295 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,960.98	Buy	1,127 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	3,828.00	Buy	2,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	432.96	Buy	246 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	32,965.00	Buy	19,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	23,140.00	Buy	13,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	490.98	Buy	277 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	399.60	Buy	222 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	494.87	Buy	284 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	468.45	Buy	270 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	3,510.00	Buy	2,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,378.83	Buy	779 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	681.99	Buy	381 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	26,505.42	Buy	15,233 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	2,055.90	Buy	1,155 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,047.20	Buy	595 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	17,500.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	1,362.58	Buy	772 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	53,481.00	Buy	30,000 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/19/2018	4,413.50	Buy	2,522 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	715.33	Buy	403 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	31,313.92	Buy	17,792 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/19/2018	651.59	Buy	363 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	776.25	Buy	460 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	488.18	Buy	283 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	2,339.20	Buy	1,376 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	1,253.43	Buy	733 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	59.15	Buy	35 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	311.88	Buy	184 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	166.25	Buy	95 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	292.32	Buy	174 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	731.88	Buy	428 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	508.30	Buy	299 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	1,361.51	Buy	787 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	259.50	Buy	150 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	990.50	Buy	566 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	539.11	Buy	319 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	2,252.85	Buy	1,337 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	236.60	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	234.91	Buy	139 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	1,384.46	Buy	812 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	433.44	Buy	252 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	5,345.47	Buy	3,163 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	821.90	Buy	471 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/20/2018	487.20	Buy	290 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	547.40	Buy	322 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	1,753.73	Buy	1,047 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	7,427.30	Buy	4,369 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	3,254.40	Buy	1,920 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	1,290.38	Buy	775 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	299.04	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	2,677.58	Buy	1,613 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	420.84	Buy	252 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	2,566.26	Buy	1,523 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	3,777.15	Buy	2,235 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	999.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/21/2018	4,138.26	Buy	2,478 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/24/2018	237.41	Buy	147 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	1,692.90	Buy	990 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	305.27	Buy	178 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	529.69	Buy	322 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	731.00	Buy	430 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	331.65	Buy	201 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	111.87	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	659.28	Buy	402 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	13.12	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	354.64	Buy	208 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	169.00	Buy	100 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	691.78	Buy	413 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	601.68	Buy	368 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	785.85	Buy	465 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	399.84	Buy	238 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	65.00	Buy	40 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/25/2018	250.16	Buy	153 Ordinary Shares

Morgan Stanley Australia Securities Limited	9/25/2018	612.89	Buy	367 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/26/2018	161.37	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	3,667.56	Buy	2,351 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	122,062.73	Buy	79,005 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	820.85	Buy	522 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	17.71	Buy	11 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	32,897.18	Buy	20,821 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	33,390.00	Buy	21,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	23,850.00	Buy	15,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	3,667.56	Buy	2,351 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	3,624.00	Buy	2,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	1,754.50	Buy	1,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	669.82	Buy	428 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/27/2018	66,314.18	Buy	41,971 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/28/2018	1,668.33	Buy	999 Ordinary Shares
Morgan Stanley Australia Securities Limited	9/28/2018	236,219.50	Buy	145,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/4/2018	33,636.24	Buy	21,920 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/5/2018	34,344.61	Buy	21,557 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/8/2018	120,082.50	Buy	75,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/9/2018	138,058.00	Buy	87,015 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. LLC	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley & Co. International plc	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. LLC	1585 Broadway, New York, 10036, USA.
Morgan Stanley & Co. International plc	Legal & Compliance Department, 25 Cabot Square, Canary Wharf, London, E14 4QA, UNITED KINGDOM.
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.

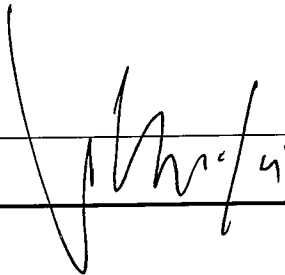
**Signature**

print name Wilson Li

capacity Vice President

sign here

date October 11, 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 & Co. LLC

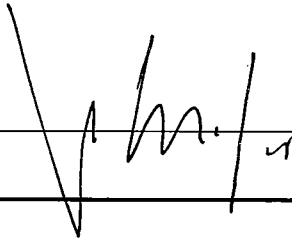
### Signature

print name Wilson Li

capacity Vice President

sign here

date October 11, 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.*

<b>Schedule</b>	
<b>Type of Agreement</b>	International Prime Brokerage Agreement
<b>Parties to agreement</b>	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and GLENEAGLE ASSET MANAGEMENT LIMITED AS RESPONSIBLE ENTITY FOR INDIAN PACIFIC FUND
<b>Transfer Date</b>	20180606; 20180619; 20180625; 20180628; 20180702; 20180710; 20180723; 20180802; 20180806; 20180813; 20180821; 20180822; 20180823; 20180904; 20180926; 20181002;
<b>Holder of Voting Rights</b>	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
<b>Are there any restrictions on voting rights?</b>	Yes/No
<b>If yes, detail</b>	Not applicable
<b>Scheduled Return Date (if any)</b>	Open
<b>Does the borrower have the right to return early?</b>	Yes/No
<b>If yes, detail</b>	At any time the client may return to the prime broker shares which the client previously sold short.
<b>Does the lender have the right to recall early?</b>	Yes/No
<b>If yes, detail</b>	The prime broker may require the client to return shares delivered on behalf of the client at any time.
<b>Will the securities be returned on settlement?</b>	Yes/No
<b>If yes, detail any exceptions</b>	Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

<b>Schedule</b>	
<b>Type of Agreement</b>	International Prime Brokerage Agreement
<b>Parties to agreement</b>	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and TOTUS CAPITAL PTY LTD AS TRUSTEE FOR TOTUS ALPHA FUND
<b>Transfer Date</b>	20180904; 20180905; 20180913; 20180917; 20180918; 20180919; 20181002; 20181005;
<b>Holder of Voting Rights</b>	If prime broker has settled a short sale for the client, voting rights will pass to the purchaser of the securities.
<b>Are there any restrictions on voting rights?</b>	Yes/No
<b>If yes, detail</b>	Not applicable
<b>Scheduled Return Date (if any)</b>	Open
<b>Does the borrower have the right to return early?</b>	Yes/No
<b>If yes, detail</b>	At any time the client may return to the prime broker shares which the client previously sold short.
<b>Does the lender have the right to recall early?</b>	Yes/No
<b>If yes, detail</b>	The prime broker may require the client to return shares delivered on behalf of the client at any time.
<b>Will the securities be returned on settlement?</b>	Yes/No
<b>If yes, detail any exceptions</b>	Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

<b>Schedule</b>	
<b>Type of Agreement</b>	Customer Prime Broker Account Agreement
<b>Parties to agreement</b>	Morgan Stanley & Co. LLC on behalf of all Morgan Stanley entities and customer MACKENZIE EMERGING MARKETS LONG/SHORT MASTER FUND (CAYMAN) LP
<b>Transfer Date</b>	20180627;
<b>Holder of Voting Rights</b>	Shares are used to settle customer's short sales. Voting rights are held by third party purchaser.
<b>Are there any restrictions on voting rights?</b>	No
<b>If yes, detail</b>	Not applicable
<b>Scheduled Return Date (if any)</b>	Open
<b>Does the borrower have the right to return early?</b>	Yes
<b>If yes, detail</b>	The borrower may return shares to the lender at any time.
<b>Does the lender have the right to recall early?</b>	Yes
<b>If yes, detail</b>	The lender may recall shares from the borrower at any time.
<b>Will the securities be returned on settlement?</b>	Yes
<b>If yes, detail any exceptions</b>	In the ordinary course of business, customer will return the securities to the prime broker. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral for the purpose of arriving at a single closeout amount. In such a default scenario, the shares may not be returned to the prime broker.

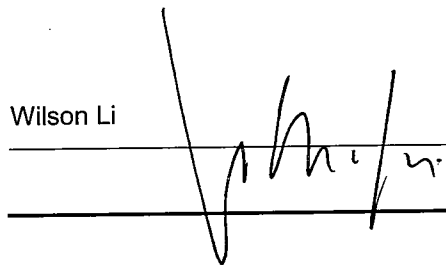
The above schedules are based on the relevant standard agreements. The entity filing the report will, if requested by the company or responsible entity to whom the prescribed form must be given or ASIC, give a copy of the agreement to the company, responsible entity or ASIC.

**Signature**

print name Wilson Li

capacity Vice President

sign here



date October 11, 2018