

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme NITRO SOFTWARE LIMITED

ACN/ARSN 079 215 419

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 February 10, 2023

The holder became aware on February 14, 2023

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	13,429,141	13,429,141	5.47%
			Based on 245,283,492 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.	83,719 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.	13,286,768 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.	58,654 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.	13,429,141 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	83,719 Ordinary Shares
Morgan Stanley Australia Securities Limited	Morgan Stanley Australia Securities (Nominee) Pty Limited	Not Applicable	13,286,768 Ordinary Shares

Morgan Stanley Wealth Management Australia Pty Ltd	Morgan Stanley Wealth Management Australia Pty discretionary client account	Not Applicable	58,654 Ordinary Shares
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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	10/11/2022	3,888.00	Buy	2,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	3,321.43	Buy	2,063 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	1,133.73	Buy	702 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	5,736.00	Buy	3,585 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	1,599.00	Buy	984 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	863.49	Buy	538 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	149.96	Buy	92 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	611.80	Buy	380 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	1,560.00	Buy	975 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	2,689.50	Buy	1,650 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	650.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	163.12	Buy	101 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	9,270.63	Buy	5,705 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	34.23	Buy	21 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	114.10	Buy	70 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/11/2022	1,121.04	Buy	692 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2022	46.69	Buy	29 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2022	1.62	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2022	210.91	Buy	131 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2022	1,014.40	Buy	634 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/12/2022	590.87	Buy	367 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	1.60	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	3,957.38	Buy	2,458 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	106.59	Buy	66 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	593.85	Buy	370 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	1,518.45	Buy	955 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	1,247.42	Buy	776 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	35.42	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	967.82	Buy	603 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	590.40	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	9,679.32	Buy	6,012 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	2,866.22	Buy	1,797 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	507.21	Buy	319 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	11.20	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	713.25	Buy	450 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	489.44	Buy	304 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/13/2022	1.61	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	771.20	Buy	482 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/14/2022	902.40	Buy	564 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	238.40	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	27.29	Buy	17 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	1,600.19	Buy	997 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	1.61	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	1.60	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/14/2022	598.40	Buy	374 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	1,487.97	Buy	891 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	411.13	Buy	253 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	348.74	Buy	212 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	1,850.79	Buy	1,146 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	668.00	Buy	400 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	355.71	Buy	213 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	4,913.46	Buy	3,033 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	410.55	Buy	255 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	1,675.21	Buy	1,003 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	798.98	Buy	477 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	406.07	Buy	253 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	404.80	Buy	253 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	408.60	Buy	253 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/17/2022	3.24	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,571.76	Buy	888 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,369.91	Buy	813 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	5,297.60	Buy	3,080 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,008.49	Buy	1,178 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,548.98	Buy	1,495 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	142.38	Buy	85 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	135.60	Buy	80 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,532.16	Buy	896 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	617.40	Buy	360 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,471.00	Buy	1,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	36,289.37	Buy	21,312 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	287.30	Buy	170 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,262.00	Buy	1,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	436.74	Buy	251 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,861.10	Buy	1,683 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	2,402.35	Buy	1,409 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	669.06	Buy	378 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	4,267.77	Buy	2,418 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	495.60	Buy	280 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	850.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,871.70	Buy	1,101 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	850.00	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	387.20	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,150.90	Buy	677 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	280.80	Buy	160 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	483.00	Buy	280 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1.66	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/18/2022	1,708.29	Buy	999 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	956.59	Buy	578 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/19/2022	1,636.60	Buy	980 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	359.64	Buy	216 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	16,061.10	Buy	9,618 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	336.20	Buy	205 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	841.32	Buy	513 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	217.75	Buy	130 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	2,065.80	Buy	1,252 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	1.64	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	1,789.88	Buy	1,075 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	664.98	Buy	397 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/19/2022	2,749.23	Buy	1,650 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	1,182.60	Buy	730 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	9.66	Buy	6 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	732.88	Buy	451 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	350.98	Buy	218 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	2,344.34	Buy	1,451 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	636.31	Buy	394 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	350.46	Buy	217 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/20/2022	16.10	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	4.79	Buy	3 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	16.10	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	16.05	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	16.15	Buy	10 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	35.64	Buy	22 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	581.58	Buy	359 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/21/2022	484.50	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	2,444.58	Buy	1,509 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	125.51	Buy	77 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	906.28	Buy	556 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	4,414.50	Buy	2,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	730.24	Buy	448 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	1,547.00	Buy	952 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	1,064.38	Buy	655 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	2,057.25	Buy	1,266 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	807.50	Buy	500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	1,645.92	Buy	1,016 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	3,814.20	Buy	2,340 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	1,285.11	Buy	786 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	1,138.58	Buy	705 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	712.31	Buy	435 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	6,183.54	Buy	3,817 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	271.32	Buy	168 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/24/2022	422.12	Buy	263 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1,691.67	Buy	1,054 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	544.18	Buy	338 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	3,707.55	Buy	2,310 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1,894.40	Buy	1,184 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1,851.50	Buy	1,150 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	774.20	Buy	490 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1.60	Buy	1 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/25/2022	11.24	Buy	7 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	2,422.50	Buy	1,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1,709.33	Buy	1,065 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	309.19	Buy	192 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	477.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	3,152.38	Buy	1,958 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	6.42	Buy	4 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	1,906.24	Buy	1,184 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	193.20	Buy	120 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	395.20	Buy	247 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/25/2022	720.29	Buy	446 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	532.98	Buy	329 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	427.20	Buy	267 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	1,127.00	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	352.59	Buy	219 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	7,069.31	Buy	4,337 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	583.38	Buy	359 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	161.37	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	259.20	Buy	160 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	24.23	Buy	15 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	7,434.18	Buy	4,589 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	81.75	Buy	50 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	22.47	Buy	14 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	901.88	Buy	555 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/26/2022	93.38	Buy	58 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	589.96	Buy	343 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	2,728.21	Buy	1,577 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	314.45	Buy	190 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	1,029.00	Buy	600 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	4,978.35	Buy	2,886 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	396.17	Buy	229 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	3,415.50	Buy	1,980 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	426.81	Buy	246 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	1,641.50	Buy	980 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	735.68	Buy	418 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	574.36	Buy	332 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	3,272.33	Buy	1,897 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	26.08	Buy	16 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	3,710.08	Buy	2,108 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	3,220.80	Buy	1,952 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	10,125.69	Buy	5,853 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	6,030.86	Buy	3,476 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	4,472.00	Buy	2,600 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	316.83	Buy	179 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	5,220.00	Buy	3,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	7,589.01	Buy	4,349 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	179.30	Buy	110 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/27/2022	13.04	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	3,602.94	Buy	1,749 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	7,847.88	Buy	3,847 Ordinary Shares

Morgan Stanley Australia Securities Limited	10/31/2022	6,276.76	Buy	3,092 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	19,918.14	Buy	9,669 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	1,020,000.00	Buy	500,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	743,478.00	Buy	364,450 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	2,761.35	Buy	1,347 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	20,424.69	Buy	9,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	303.96	Buy	149 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	3,506,268.34	Buy	1,712,684 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	586,493.11	Buy	288,203 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	5,995.56	Buy	2,939 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	507.50	Buy	250 Ordinary Shares
Morgan Stanley Australia Securities Limited	10/31/2022	131,606.29	Buy	64,322 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	60,922.17	Buy	29,431 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	13,879.84	Buy	6,673 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	521.64	Buy	252 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	630.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	30,237.34	Buy	14,527 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	7,257.12	Buy	3,489 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	1,281.32	Buy	622 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	21,370.25	Buy	10,225 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	414.00	Buy	200 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	5,177.07	Buy	2,501 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	779.57	Buy	373 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	5,706.20	Buy	2,770 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/01/2022	426,031.31	Buy	206,646 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	462.00	Buy	220 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	47.96	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	2,085.82	Buy	998 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	6,900.60	Buy	3,286 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	36,934.80	Buy	17,588 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	337.60	Buy	160 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	777.92	Buy	374 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	12,065.57	Buy	5,773 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	5,007.64	Buy	2,396 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	7,655.67	Buy	3,663 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	22,797.72	Buy	10,908 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	702.24	Buy	336 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	455.62	Buy	218 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	1,880.44	Buy	887 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	1,639.47	Buy	777 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	9,928.80	Buy	4,728 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	12,099.01	Buy	5,789 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	1,049.18	Buy	502 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	206.91	Buy	99 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	20,145.30	Buy	9,593 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	271.17	Buy	131 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	5,056.20	Buy	2,385 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	1,908.90	Buy	909 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	16.96	Buy	8 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/02/2022	3,347.40	Buy	1,594 Ordinary Shares

Morgan Stanley Australia Securities Limited	11/02/2022	193,738.39	Buy	93,069 Ordinary Shares
Morgan Stanley & Co. International plc	11/02/2022	N/A	Borrow	6,099 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	1,462.23	Buy	700 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	52.00	Buy	25 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	81.12	Buy	39 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	1,989.68	Buy	952 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	1,291.62	Buy	618 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	1,755.60	Buy	836 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	630.00	Buy	300 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/03/2022	163,368.08	Buy	78,506 Ordinary Shares
Morgan Stanley & Co. International plc	11/03/2022	N/A	Collateral Received	199,288 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	1,863.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	188.10	Buy	90 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	2,111,982.95	Buy	1,014,711 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	3,142.88	Buy	1,511 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	4,804.80	Buy	2,310 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	1,426.07	Buy	684 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/04/2022	1,695.20	Buy	815 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	11,779.04	Buy	5,663 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	57.96	Buy	28 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	1,572.09	Buy	754 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	687.09	Buy	330 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	767.52	Buy	369 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	556.13	Buy	267 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	6,069.44	Buy	2,918 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	7,822.75	Buy	3,770 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	1,492,008.78	Buy	717,394 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	748.80	Buy	360 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/07/2022	1,820.39	Buy	871 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	4,450.50	Buy	2,150 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	298,543.90	Buy	144,689 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	283.59	Buy	137 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	1,550.43	Buy	749 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	263.34	Buy	126 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	5,131.53	Buy	2,479 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	931.84	Buy	448 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	7,622.00	Buy	3,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	1,634.10	Buy	797 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	686.40	Buy	330 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/08/2022	509.22	Buy	246 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	3,009.66	Buy	1,461 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	834.33	Buy	406 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	20,766.24	Buy	10,032 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	564,032.31	Buy	272,301 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	3,228.75	Buy	1,575 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	430.50	Buy	210 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	9,194.94	Buy	4,442 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	1,032.06	Buy	501 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	2,287.80	Buy	1,116 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	12,025.05	Buy	5,865 Ordinary Shares

Morgan Stanley Australia Securities Limited	11/09/2022	2,259.68	Buy	1,089 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/09/2022	9,221.85	Buy	4,455 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	12,976.50	Buy	6,330 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	10,364.86	Buy	5,057 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	1,845.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	928.65	Buy	453 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	243.95	Buy	119 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/10/2022	927.00	Buy	450 Ordinary Shares
Morgan Stanley & Co. International plc	11/10/2022	N/A	Collateral Received	88,332 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	5,462.73	Buy	2,691 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	1,301.92	Buy	632 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	12,947.92	Buy	6,294 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	20,316.24	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	2,629.56	Buy	1,289 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	34,610.06	Buy	16,801 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	2,007.36	Buy	984 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	7,503.00	Buy	3,660 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/11/2022	2,635.68	Buy	1,292 Ordinary Shares
Morgan Stanley & Co. International plc	11/11/2022	N/A	Collateral Received	295,573 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	1,260.72	Buy	612 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	3,090.00	Buy	1,500 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	1,949.36	Buy	944 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	129.79	Buy	63 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	84,852.27	Buy	41,561 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	261.12	Buy	128 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	201.88	Buy	98 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	1,802.50	Buy	875 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	778.68	Buy	378 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	1,298.76	Buy	632 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	2,039.75	Buy	995 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	8,405.00	Buy	4,100 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	4,477.20	Buy	2,184 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	133.25	Buy	65 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/14/2022	27,822.60	Buy	13,572 Ordinary Shares
Morgan Stanley & Co. International plc	11/14/2022	N/A	Collateral Received	111,420 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	2,334.53	Buy	1,117 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	5,197.50	Buy	2,475 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	1,441.13	Buy	683 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	690.90	Buy	329 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	7,250.21	Buy	3,469 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	6,184.04	Buy	2,917 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	42,583.80	Buy	20,278 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	294.00	Buy	140 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	1,435.08	Buy	685 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	13,258.35	Buy	6,405 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	5,595.72	Buy	2,652 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	146,433.04	Buy	71,084 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	8,520.00	Buy	4,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	11,727.38	Buy	5,558 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/15/2022	53,161.66	Buy	25,786 Ordinary Shares

Morgan Stanley Australia Securities Limited	11/15/2022	10,625.56	Buy	5,084 Ordinary Shares
Morgan Stanley & Co. International plc	11/15/2022	N/A	Collateral Received	176,864 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	1,609.92	Buy	774 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	2.09	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	10,500.00	Buy	5,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	3,237.41	Buy	1,549 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	14,917.01	Buy	7,156 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	192.24	Buy	92 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	13,955.94	Buy	6,742 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/16/2022	5,567.76	Buy	2,664 Ordinary Shares
Morgan Stanley & Co. International plc	11/16/2022	N/A	Collateral Received	103,589 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	9,626.54	Buy	4,606 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	6,221.93	Buy	2,977 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	30,706.20	Buy	14,622 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	3,475.50	Buy	1,655 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	323.95	Buy	155 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	1,550.30	Buy	740 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	6,205.50	Buy	2,955 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	1,249.50	Buy	595 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	81.51	Buy	39 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/17/2022	1,976.00	Buy	950 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/18/2022	2,906.40	Buy	1,384 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/18/2022	5,431.91	Buy	2,599 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/18/2022	756.58	Buy	362 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/18/2022	14,902.52	Buy	7,111 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	3,519.60	Buy	1,676 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	8,129.83	Buy	3,853 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	9,372.00	Buy	4,400 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	24,591.00	Buy	11,710 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	3,990.00	Buy	1,900 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	260.40	Buy	124 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	5,855.25	Buy	2,775 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	2,346.84	Buy	1,107 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	6,346.88	Buy	3,008 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	28,374.08	Buy	13,384 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	2,095.80	Buy	998 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	3,535.80	Buy	1,660 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	1,523.42	Buy	722 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	37.98	Buy	18 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	801.36	Buy	378 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/21/2022	26,934.15	Buy	12,765 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	40,704.00	Buy	19,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	18,456.90	Buy	8,789 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	7,196.70	Buy	3,427 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	5,814.90	Buy	2,769 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	10,860.76	Buy	5,123 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	1,472.78	Buy	698 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	16,856.79	Buy	7,989 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	32,491.20	Buy	15,472 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/22/2022	89,132.73	Buy	42,243 Ordinary Shares

Morgan Stanley Australia Securities Limited	11/22/2022	1,566.12	Buy	744 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2022	1,736.53	Buy	823 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2022	587.30	Buy	279 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2022	3,160.78	Buy	1,498 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/23/2022	16,199.40	Buy	7,714 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/24/2022	7,207.76	Buy	3,416 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/24/2022	8,018.00	Buy	3,800 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/24/2022	17,816.84	Buy	8,444 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/24/2022	1,264.64	Buy	608 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/25/2022	2,249.26	Buy	1,066 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/25/2022	1,890.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/25/2022	33,994.21	Buy	16,111 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/25/2022	6,028.27	Buy	2,857 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/28/2022	1,073.11	Buy	511 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/28/2022	1,850.10	Buy	881 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/28/2022	3,099.60	Buy	1,476 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/29/2022	2,520.00	Buy	1,200 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/29/2022	3,899.70	Buy	1,857 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	37,219.77	Buy	17,766 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	926.44	Buy	437 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	147,969.64	Buy	69,797 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	5,670.00	Buy	2,700 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	9,026.82	Buy	4,268 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	317,909.48	Buy	150,668 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	9,875.25	Buy	4,725 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	21,100.00	Buy	10,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	11/30/2022	110,590.20	Buy	52,662 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	204,063.66	Buy	96,484 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	14,894.49	Buy	7,059 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	288,413.28	Buy	136,044 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	24,039.18	Buy	11,286 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	26,760.76	Buy	12,623 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	67,003.41	Buy	31,457 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	913.59	Buy	435 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	1,876.20	Buy	885 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	6,809.48	Buy	3,182 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	260.79	Buy	123 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	13,071.92	Buy	6,166 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	16,361.81	Buy	7,789 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	13,889.73	Buy	6,521 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	1,890.00	Buy	900 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	219,914.75	Buy	104,225 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	29,590.64	Buy	14,024 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	2,240.82	Buy	1,062 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/01/2022	64,720.33	Buy	30,746 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	138,926.62	Buy	65,842 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	6,369.73	Buy	3,026 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	84,067.20	Buy	40,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	43,360.36	Buy	20,453 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	7,455.00	Buy	3,500 Ordinary Shares

Morgan Stanley Australia Securities Limited	12/02/2022	32,050.11	Buy	15,047 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	6,930.00	Buy	3,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	116,184.38	Buy	54,675 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	4,807.41	Buy	2,257 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	8,787.40	Buy	4,145 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	14,038.50	Buy	6,685 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/02/2022	58,777.35	Buy	27,595 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	6,968.44	Buy	3,287 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	440,513.35	Buy	209,270 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	4,481.64	Buy	2,124 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	185,982.53	Buy	87,935 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	38,357.04	Buy	18,008 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	172.53	Buy	81 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	6,857.50	Buy	3,250 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	15,476.00	Buy	7,300 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	1,622.59	Buy	769 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	4,732.86	Buy	2,222 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	867.08	Buy	409 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	5,467.71	Buy	2,567 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	524.15	Buy	249 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	44,102.36	Buy	20,803 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	517,530.25	Buy	245,275 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	1,158.39	Buy	549 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	90,909.00	Buy	43,290 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/05/2022	36,509.33	Buy	17,303 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/08/2022	9,546.84	Buy	4,612 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/09/2022	2,822.25	Buy	1,325 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/12/2022	434,347.20	Buy	200,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/13/2022	9,763.72	Buy	4,408 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/13/2022	11,496.42	Buy	5,202 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/13/2022	29,015.40	Buy	13,070 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/13/2022	3,026.11	Buy	1,357 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/14/2022	79,899.92	Buy	35,955 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/14/2022	7,221.66	Buy	3,253 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/15/2022	51,558.03	Buy	23,165 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/16/2022	161,941.16	Buy	72,598 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/19/2022	64,392.33	Buy	29,240 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/19/2022	1,811,705.28	Buy	808,797 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/20/2022	122,471.08	Buy	55,867 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/20/2022	479.60	Buy	218 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/20/2022	2,261.60	Buy	1,028 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/20/2022	285,078.60	Buy	129,539 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/20/2022	2,145.00	Buy	975 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/21/2022	2,814.15	Buy	1,285 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/21/2022	165,853.51	Buy	75,660 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/22/2022	152,238.38	Buy	69,447 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/22/2022	427.05	Buy	195 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/23/2022	74,213.76	Buy	34,009 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/28/2022	230,699.17	Buy	106,228 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/30/2022	1,341.47	Buy	607 Ordinary Shares

Morgan Stanley Australia Securities Limited	12/30/2022	4,707.53	Buy	2,111 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/30/2022	1,045.62	Buy	471 Ordinary Shares
Morgan Stanley Australia Securities Limited	12/30/2022	50.37	Buy	23 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/05/2023	34,856.12	Buy	15,772 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/05/2023	7,481.40	Buy	3,370 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/05/2023	5,803.08	Buy	2,614 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/05/2023	770,429.21	Buy	348,916 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/05/2023	2,539.29	Buy	1,149 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/06/2023	30,128.70	Buy	13,622 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/09/2023	165,278.79	Buy	74,727 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/09/2023	7,295.21	Buy	3,301 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/09/2023	366,618.50	Buy	165,725 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/10/2023	110,588.40	Buy	50,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/10/2023	9,102.99	Buy	4,119 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/11/2023	26,170.95	Buy	11,884 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/11/2023	3,723.85	Buy	1,685 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/11/2023	611.34	Buy	276 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/11/2023	886.60	Buy	403 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/11/2023	992.34	Buy	447 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/12/2023	39,210.17	Buy	17,805 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/12/2023	16,594.89	Buy	7,509 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/13/2023	8,601.32	Buy	3,892 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/13/2023	697.73	Buy	315 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/13/2023	532.61	Buy	241 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/13/2023	2,923.83	Buy	1,323 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/16/2023	7,284.16	Buy	3,296 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/16/2023	8,605.74	Buy	3,894 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/17/2023	10,771.43	Buy	4,885 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/19/2023	1,898.39	Buy	859 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/19/2023	1,783.47	Buy	807 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/19/2023	155,959.80	Buy	70,820 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/19/2023	2.21	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/20/2023	217,132.52	Buy	98,598 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/20/2023	2.19	Buy	1 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/23/2023	4.38	Buy	2 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/23/2023	4,548.63	Buy	2,077 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/23/2023	4,061.34	Buy	1,863 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/23/2023	1,004.71	Buy	463 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/24/2023	13,131.24	Buy	5,996 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/24/2023	218,224.36	Buy	100,002 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/24/2023	1,892.24	Buy	868 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/24/2023	1,966.56	Buy	893 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/25/2023	2,858,018.41	Buy	1,306,972 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/25/2023	7,187.58	Buy	3,282 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/27/2023	31,638.60	Buy	14,580 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/30/2023	12,474.00	Buy	5,775 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/30/2023	6,724.88	Buy	3,119 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/31/2023	301.74	Buy	141 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/31/2023	268,487.70	Buy	124,878 Ordinary Shares
Morgan Stanley Australia Securities Limited	01/31/2023	22,172.95	Buy	10,313 Ordinary Shares

Morgan Stanley Australia Securities Limited	01/31/2023	1,371.70	Buy	638 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/01/2023	9,022.71	Buy	4,206 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/01/2023	499,742.10	Buy	232,980 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/02/2023	8,428.55	Buy	3,936 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/02/2023	90,064.98	Buy	42,185 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/03/2023	10,065.76	Buy	4,725 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/03/2023	49,621.06	Buy	23,273 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/03/2023	3,036.96	Buy	1,419 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/06/2023	304,370.06	Buy	142,229 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/06/2023	6,063.75	Buy	2,826 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/06/2023	16,888.88	Buy	7,892 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/07/2023	5,915.20	Buy	2,751 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/07/2023	3,646.40	Buy	1,696 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/07/2023	2,519.20	Buy	1,169 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/08/2023	4,303.18	Buy	1,996 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/09/2023	850.64	Buy	392 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/09/2023	2,856.54	Buy	1,320 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/09/2023	3,924.72	Buy	1,817 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/09/2023	1,604.27	Buy	741 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/09/2023	2,322.00	Buy	1,075 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/10/2023	3,252,372.00	Buy	1,500,000 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/10/2023	969.99	Buy	447 Ordinary Shares
Morgan Stanley Australia Securities Limited	02/10/2023	3,284.31	Buy	1,517 Ordinary Shares

6. Associates

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

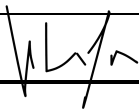
Name and ACN/ARSN (if applicable)	Nature of association
Morgan Stanley & Co. International plc	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan Stanley Australia Securities Limited	Is a body corporate controlled by each upstream entity as listed in Annexure A
Morgan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

7. Addresses

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

Name	Address
Morgan Stanley	1585 Broadway, New York, 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 Wealth Management Australia Pty Ltd	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.

Signature


print name	Wilson Li	capacity	Vice President
sign here		date	February 14, 2023

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 (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	February 14, 2023

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.